



DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT

TENDER NO: PWRT (B&F) 06/2023

TENDERS ARE HEREBY INVITED FROM CONTRACTORS WITH THE CIDB GRADING OF 3SO OR 2SO PE OR HIGHER FOR REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

Name of Tendering Entity	
Name of Tendering Entity Representative	
Physical Address of Tendering Entity	
Postal Address of Tendering Entity	
Contact Details of Tendering Entity	Tel: Fax..... Cell: Email:
Tender Amount carried from Form of Offer (incl VAT)	R (incl VAT)
CIDB Grading & CRN No	
Tax Compliance Status & PIN	
CENTRAL SUPPLIER DATABASE (CSD)	MAAA

Prepared for:

Mogale City Local Municipality
P O Box 94
Krugersdorp
1740

Prepared By:

Mogale City Local Municipality,
Department of Public Works, Roads and Transport
P O Box 94
KRUGERSDORP
1740
Tel: 011 668 0702/3

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Note: The Tenderer must ensure that the documents he received are complete, as neither the Client nor the Engineer will accept any responsibility for any problem that may occur as a result of incomplete documentation.

MOGALE CITY LOCAL MUNICIPALITY



THE TENDER:

PART T1: TENDERING PROCEDURES

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T1.2 Tender Data

PART T1: TENDERING PROCEDURES

T1.1 Tender Notice and Invitation to Tender

MBD1



PART A INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE MOGALE CITY LOCAL MUNICIPALITY

BID NUMBER:	PWRT (B&F) 06/2023	CLOSING DATE:	MONDAY 22 AUGUST 2022	CLOSING TIME:	11:00
DESCRIPTION	TENDERS ARE HEREBY INVITED FROM CONTRACTORS WITH THE CIDB GRADING OF 3SO OR 2SO PE OR HIGHER FOR REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.				

THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (MBD7).

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID

BOX SITUATED AT (STREET ADDRESS

Mogale City Civic Centre

Corner Commissioner and Market Streets

Mogale City

Krugersdorp

1740

SUPPLIER INFORMATION

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TAX COMPLIANCE STATUS	TCS PIN:		OR	CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE]	<input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT		<input type="checkbox"/> Yes <input type="checkbox"/> No

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T1.2 Tender Data

BOX]			
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]			
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED	NOT APPLICABLE	TOTAL PRICE	BID R
SIGNATURE OF BIDDER	DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT	Supply Chain Management	DEPARTMENT	Public Works, Roads & Transport
CONTACT PERSON	Ofentse Matsose	CONTACT PERSON	Ronald Mangope
TELEPHONE NUMBER	011 951 2014/2177/2541 / 065 906 9976	TELEPHONE NUMBER	011 668 0733/ 071 855 4786
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	Ronald. Mangope @mogalecity.gov.za
E-MAIL ADDRESS	ofentse.matsose@mogalecity.gov.za	Ronald. mangope @mogalecity.gov.za	

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR ONLINE**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.
- 2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

- 3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA) ☐ YES ☐ NO
- 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? ☐ YES ☐ NO
- 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA ☐ YES ☐ NO
- 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? ☐ YES ☐ NO
- 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? ☐ YES ☐ NO

IF THE ANSWER IS “NO” TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE: _____

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T1.2 Tender Data

ADVERTISED IN: The Star

PUBLISHING DATE: Friday 22 July 2022

TENDER NO: PWRT (B&F) 06/2023

MOGALE CITY LOCAL MUNICIPALITY

Tenders are hereby invited for the following Office: Public Works Roads & Transport: Building and Facilities

TENDER NO: PWRT (B&F) 06/2023

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Adjudication: 80/20

Tenders will be evaluated using functionality evaluation criteria of **60 points** of which the contractor is required to score the minimum of **30 points** in order to be considered for further evaluation. Tenders will be evaluated using the **80/20** preference point system which awards **80 points for Price** and **20 points for attaining the BBBEE status level of contribution** in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points(80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Technical Enquiries: Henk Spamer /
Ronald Mangope
Tender Documents: Ofentse Matsose

Tel: (011) 951 2048 / 067 066 9927/
(011) 668 0733 071 855 4786
Tel: (011) 951 2580 / /2177/2541

Documents available: As from **Wednesday 27 July 2022** on www.etenders.gov.za or www.mogalecity.gov.za

Closing date: Monday 22 August 2022

Time: 11:00

Tender Box

Venue: Tender boxes are situated at the reception desk of the Supply Chain Management Unit, situated on the upper level of the West Wing of the Mogale City Civic Centre, Corner Commissioner and Market Streets in Krugersdorp.

COMPULSORY TENDER DOCUMENTS:

1. **Tax Clearance Certificate / Tax Compliance Status documents with Pin.**
Each company within the Joint Venture / Consortium must submit Tax Clearance Certificate or a copy of Tax Compliance Status document with Pin
2. **Certified Copies of ID's of members / directors and shareholders**
3. **The bidding entity as well as all its directors/shareholders must submit Municipal account not more than three (03) months / ninety (90) days plus in arrears at the time of the closing date.**
4. **A valid lease agreement which is in the name of the business and or directors /shareholders, which must stipulate who is responsible for payment of Municipal services; or**
5. **If the Bidding Entity operates from informal settlement and is not responsible for Municipal account, the bidder must submit a Sworn Affidavit with and original stamp from the Commissioner of Oaths.**
6. **If the Bidding Entity operates from parents' place and is not responsible for Municipal account, the bidder must submit the owner's Municipal account and a Sworn Affidavit with and original stamp from the Commissioner of Oaths;**
7. **Sign Declaration of Municipal Account**
8. **Central Supplier Database (CSD) registration summary report**
9. **Completed and Signed Schedule of Quantities**
10. **Authority of Signatory must be completed and signed in case of a business not sole proprietor or one-person business or board of director's resolution authorizing signature to sign off the bid documents.**
11. **MBD 1: Invitation to tender**
12. **MBD 4. Declaration of Interest.**
13. **MBD 6.1 Preferential Points**
14. **MBD 8: Declaration of bidders past supply chain management practices**
15. **MBD 9: Certificate of independent bid determination.**

BIDDING TENDER CONDITIONS:

1. All suppliers of good & services are urged to register in the National Treasury web based Central Suppliers Database with Effect from 1 July 2016 @ www.csd.gov.za
1. As per National Treasury Instruction No.4 A of 2016/2017 National Treasury Supplier Database, organs of state must ensure that suppliers awarded business with the State are registered on the CSD prior to award letter/purchase order/signed contract being issued.
2. According to the amended Codes of Good Practice, an *Exempted Micro Enterprise (EME)* is only required to obtain a sworn affidavit or a certificate issued by Companies Intellectual Property Commission (CIPC) confirming their annual turnover of R10 million or less and level of Black ownership to claim BEE points
3. According to the amended Codes of Good Practice, Qualifying Small Enterprise (QSE) is only required to obtain a sworn affidavit or a certificate issued by Companies Intellectual Property Commission (CIPC) confirming their annual turnover of R50 million or less and level of Black ownership to claim BEE points.
4. A trust, consortium or joint venture will qualify for points for the BBBEE status level as a legal entity, provided that the entity submits their consolidated BBBEE status level certificate. If a bidder does not submit a certificate substantiating the BBBEE status level of contribution/ and Affidavit or is a non-compliant contributor, The bid will be evaluated on an 80/20 principle where 80 points will be price and 20 points is BBBEE component.
5. Certified copies of their BEE certificates from an accredited BEE verification agency with their tender submission or sworn Affidavit.

6. Tenders by joint ventures are to be accompanied by the Document Formation of the joint venture, duly registered and authenticated by a Notary Public or other official deputized to witness sworn statements. This document must define precisely the conditions under which the joint venture will function, the period for which it will function, the persons authorized to represent and obligate it, the address for correspondence, the participation of several firms forming the joint venture and any information necessary to permit a full appraisal of its functioning, including a clause to the effect that the members of the joint venture are jointly and severely bound.
7. No late tender will be accepted.
8. Telefax or e-mail tenders will not be accepted.
9. Tenders may only be submitted on the bid documents as provided by Mogale City.
10. The use of tipp-ex is not allowed on the bid documents.
11. Bids completed in pencil will be regarded as invalid bids.
12. No page(s) may be removed from the original tender document
13. No electronic signature will be accepted the bidder's signature must always be signed by hand in black ink.
14. Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the tender document;
15. In the event of a mistake having been made on the pricing schedule, it shall be crossed out in ink and be accompanied by a full signature at each and every alteration.
16. The Municipality reserves the right to reject the bid if corrections are not made in accordance with the above.
17. The lowest or any tender will not necessarily be accepted, and Mogale City reserves the right to accept a tender in whole or in part.
18. The validity period for this tender is one hundred and twenty (120) days.
19. A Corporate social responsibility contribution of two (2) percent inclusive of 15%VAT will be levied on all companies/ service providers appointed as successful bidders if such companies are not based in the area of jurisdiction of Mogale City.
20. The Municipality reserve the right to negotiate a fair market related price with recommended bidders after a competitive bidding process or price quotations
21. The Municipality reserves the right to appoint and not to appoint.
22. All tender prices must be inclusive of VAT for all registered VAT vendors.
23. All bid prices must be in RSA currency and inclusive of VAT. All prices and details must be legible / readable to ensure the bid will be considered for adjudication.
24. In the instance of a term tender (period longer than one year), please indicate the estimated annual price increase and the intervals of such increases.
25. All bids must be submitted on the official forms and may not be re-typed, copied or scanned.
26. Bids will be opened immediately after the closing date and time in a venue to be indicated.
- 27. This tender may be awarded to more than one (1) bidder.**
28. No bids will be accepted from persons in the service of the state as it is defined in the Municipal Finance Management Act and Regulations.
29. The supply chain management policy of Mogale City Local Municipality allow persons aggrieved by decisions or actions taken by the municipality in the implementation of its supply chain management system, to lodge within fourteen (14) days of the decision or action a written objection or complaint to the municipality against the decision or action.
30. Tender documents may be downloaded from e-tender portal at www.etenders.gov.za as well as www.mogalecity.gov.za

MR MAKHOSANA MSEZANA
MUNICIPAL MANAGER

PART T1: TENDERING PROCEDURES**T1.2 Tender Data****T1.2.1 Conditions of Tender**

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIBD Standard for Uniformity in Construction Procurement (July 2015) as published in Government Gazette No 38960 of 10 July 2015, Board Notice 136 of 2015. (See www.cidb.org.za).

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

T1.2.2 Tender Data

The clause numbers in the Tender Data refer to the corresponding clause numbers in the Conditions of Tender which follows this section (see Annex 1).

The additional Conditions of Tender are:

Clause Number	Tender Data
F.1.1	The Employer is, Mogale City Local Municipality
F.1.2	<p>The tender documents issued by the Employer comprise of:</p> <p>Part T1: Tendering Procedures T1.1 Tender Notice and Invitation to Tender T1.2 Tender Data</p> <p>Part T2: Returnable Documents T2.1 List of Returnable Documents T2.2 Returnable Schedules</p> <p>Part C1: Agreement and Contract Data C1.1 Form of Offer and Acceptance C1.2 Contract Data C1.3 Forms of Securities</p> <p>Part C2: Pricing Data C2.1 Pricing Instructions C2.2 Bill of Quantities</p> <p>Part C3: Scope of Work C3.1 Description of the Works C3.2 Engineering C3.3 Procurement C3.4 Construction C3.5 Management of the Works C3.6 Project Specifications C3.7 Health and Safety Specifications C3.8 Environmental Management During Construction</p> <p>Part C4: Site Information C4.1 Site Information</p>

T1.2 Tender Data

Clause Number	Tender Data
F.1.3.2	The tender document of the winning tenderer will become the contract document between the Employer and Contractor.
F.1.4	<p>The Employer's agent is:</p> <p>Contact Person : Sebaka Ramaremel</p> <p>Company Name : Department of Public Works, Roads and Transport</p> <p>Address : Mogale City Local Municipality, P O Box 94 KRUGERSDORP 1740</p> <p>Telephone : (011) 668 1702/3 083 788 7034</p> <p>Facsimile : N/A</p> <p>Email Address : sebaka.ramaremel@mogalecity.gov.za</p>
F.1.5	<p>The Employer's right to accept or reject any tender offer:</p> <p>The Employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The Employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but will give reasons for such action upon written request to do so.</p>
<u>F.1.6.1</u>	<p><u>Data pertaining to targeted procurement</u></p> <p><u>This tender will be adjudicated and awarded in terms of the Mogale City Local Municipality Procurement Policy. The complete document can be requested from Mogale City Local Municipality. A list of trained local labour will be provided by the Municipal structure on award of the Tender.</u></p>
F.1.6.2	<p>Corporate Social Responsibility</p> <p>A two 2 percent VAT inclusive contribution will be deducted from all certified payments to the contractor and will be deducted from the amount payable before payment is issued. This is only applicable to service providers outside of the Mogale City jurisdiction.</p>
F.1.6.3.1	Tenderers shall submit their proposals. The Employer shall evaluate each responsive submission in terms of the method of evaluation stated in F.3.11.3 in the Tender Data.
F.2.1	<p>Eligibility Criteria and Requirements</p> <p>CIDB Registration and Grading:</p> <ol style="list-style-type: none"> Only tenderers who are registered with the CIDB or have a sub-contractor registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered for <u>3SO OR 2SO PE OR HIGHER</u> class of construction work, are eligible to submit tenders. Only the following tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, are eligible to submit tenders: contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a <u>3SO OR 2SO PE OR HIGHER</u> class of construction work; and Joint ventures are eligible to submit tenders provided that: <ol style="list-style-type: none"> Every member of the joint venture is registered with the CIDB; The lead partner has a contractor grading designation in the <u>3SO OR 2SO PE OR HIGHER</u> class of construction work; and The combined contractor grading designation calculated in accordance with the CIDB Regulation is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a <u>3SO OR 2SO PE OR Higher-class</u> construction work. Information to be submitted with the tender:

T1.2 Tender Data

	The tenderer shall submit CV's of the management and key staff submitted in this tender document that will be employed to carry out this project, together with satisfactory evidence that such staff members satisfy the eligibility requirements.
Clause Number	Tender Data
F.2.7	The arrangements for the compulsory Project Briefing Session are: Date: Refer to Invitation to Tender Venue: Refer to Invitation to Tender Enquiries may be directed to Maropeng Mokhatla Tel: 011 951 2014/2177/2541 / 071 884 6958 Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list.
F.2.13.	The tenderer must submit one tender offer only in a sealed envelope. The Employer's address for delivery of tender offers and identification details to be shown on the tenderer's offer package are: Location of tender box: Reception desk of the Supply Chain Management Unit upper level of the West Wing of the Mogale City Civic Centre Physical Address: Corner Commissioner and Market Street in Krugersdorp. Identification Details: Tender reference number, Title of Tender Closing date and time of the tender, Tenderer's name, his authorised representatives name, Postal address and telephonic contact numbers
F.2.13.6	This tender will be submitted as a 1 envelope tender document
F.2.13.10	Additional Clause: All annexures (for the Returnable Schedules) must be submitted in a separately bound document together with the tender document.
F.2.15.1	Refer to the Invitation to Tender for the closing time for submissions of the tender offers. No late submissions will be considered. Telephonic, telegraphic, telex, facsimile or emailed submission offers will not be accepted.
F.2.16	All Bids shall remain valid for a period of one hundred and twenty (120) days after the time and date set for the opening of Bids, or until the tenderer is relieved of this obligation by the Employer, in writing, at an earlier date. However, the tenderer may be requested in writing, to extend the validity of this tender for a specific period. The written approval of the tenderer must then be received before the lapsing of the original validity period, in order to remain valid.
F.2.23	The Tenderer must provide the following with his submitted bid document. T2.2.1 Record of Addenda to Tender Documents T2.2.2 Compulsory Enterprise Questionnaire T2.2.3 Authority of Signatory T2.2.4 MCLM Corporate Social Responsibility T2.2.5 Proposed Amendments and Qualifications T2.2.6 Declaration of Interest T2.2.7T2.2.8 Preference Points Claim Form T2.2.9 Declaration of Tenderer's Past Supply Chain Management Practices T2.2.10 Certificate of Independent Bid Determination T2.2.11 Capacity to Execute Work T2.2.12 Key Personnel/Project Team T2.2.13 Previous Experience T2.2.14 Financial Capacity T2.2.15 Schedule of Proposed Subcontractors T2.2.16 Rates for Special Materials T2.2.17 Declaration of the bidder's Municipal Account T2.2.18 Tax Clearance Certificate T2.2.19 Declaration of Good Standing Regarding Income Tax T2.2.20 B-BBEE Certification T2.2.21 Certificate of Contractors Registration issued by the Construction Industry Development Board

T1.2 Tender Data

	T2.2.22 Occupational Health and Safety Questionnaire
Clause Number	Tender Data
F.2.23	Failure to submit the required returnable schedules will deem the bid as non-responsive. Where a tenderer satisfies CIDB contractor grading designation requirements through joint venture formation, such tenderers must submit the Certificates of Contractor Registration in respect of each partner.
F.3.4	Opening of tender submissions: Tenders will be opened in public. Tender names and total prices, will be read out.
F.3.8	Tenders will be deemed non-responsive if the following conditions are not met: <ul style="list-style-type: none"> • The contractors fails to comply with the pre-qualification criteria for preferential procurement. • The contractors fails to meet the minimum qualifying score for functionality evaluation criteria for a tender • The contractors fails to submit a valid CIDB certificate
F.3.11.1	The procedure for the evaluation of responsive tenders is Method 2: Functionality, price and preference. Although quality does not determine the award, quality will be evaluated first (as outlined below) and if the tenderer does not meet the minimum quality criteria he/she will be eliminated and the tender will not be evaluated further.
F.3.11.2	Tenders are to be evaluated on the basis of an 80/20 system, 80 points for price and 20 points for attaining the Broad Based Black Economic Empowerment (BBBEE) status level of contribution. The below mentioned criteria regarding Functionality are required for responsiveness and therefore eligibility for the next stage of evaluation. This is done to determine the ability of each bidder to successfully execute the contract according to "scope of work". <u>FUNCTIONALITY EVALUATION CRITERIA</u> Failure to comply with the following listed conditions will lead to non-compliance, bidders will be rejected after this phase and will not continue to the price scoring stage: <ol style="list-style-type: none"> 1. Failure to achieve the minimum total score of 30 points out of 60 points 2. Failure to score the minimum points in <u>each</u> Criteria section (1, 2 AND 3) listed in the table below. 3. If the bidder achieves a total score equal to or above the minimum of 30 points but fails to reach the minimum points stipulated for each criteria (1,2 AND 3) the bid will be deemed as non-compliant and will be rejected.

FUNCTIONALITY EVALUATION CRITERIA

- The below mentioned criteria regarding Functionality is required for responsiveness and therefore eligibility for the next stage of evaluation. This is done to determine the ability of each bidder to successfully execute the contract according to specifications.
- Failure to score the minimum of **30** points out of **60** points will lead to Non – Compliance and bidders will be rejected after this phase and not continue for price scoring.
- The service provider should at least score a minimum of **30** points out of **60** in order to be considered for the next evaluation phase.
- If any criterion is rated zero points, the tenderer will be rejected, even if the **30** out of **60** points are achieved.
- Non-compliant bidders will be rejected after this phase and not continue to price scoring. These criteria shall only determine whether a tender will further be evaluated and will not influence the points scored on Price.

Technical Evaluation Criteria					
1. Plant, Equipment and Resources					
<i>Vehicles: Proof of ownership will be valid registration documents.</i> <i>Equipment: A proof of ownership must be submitted on a company letterhead stating the equipment to be used on the project are owned by the company.</i> <i>OR if hiring, letter from hiring company stating permission to use vehicle/equipment for this project should be attached. (this letter should not be more than 12 months old)</i>					
Item	Equipment			Weight	Minimum Points
1.1	Minimum of 2x Vehicle (LDV): Submit registrations documents as proof of ownership. Or Letter of intent from the hiring company	10		10	5
		5			
		Owed	hired		
1.2	Safety harnesses	2	1	2	1
1.3	Generator	2	1	2	1
1.4	Pipe wrench	2	1	2	1
1.5	Mobile stackable scaffolding (6m)	2	1	2	1
1.6	Assorted Power Tools (Drills, Angle Grinders, Jig Saw)	2	1	2	1
				20	10

Item	Personal	Weight	Min
2.1	<p><u>Minimum of 1 Site Agent (Supervisor/ Foreman)</u></p> <p>Minimum Site Agent with NQF Level 5 (N6 certificate or above in building environment only) with minimum five (5) years' experience after qualification (5 points).</p> <p>OR</p> <p>Site Agent with NQF Level 5 (N6 Certificate or above in Building environment only) with ten (10) years' experience after qualification (7 points).</p> <p>OR</p> <p>Site Agent with NQF Level 5 (N6 Certificate or above in Building Environment only) with fifteen (15) years' experience after qualification (10 points).</p>	10	5
2.2	<p><u>Minimum of 2 Qualified Plumber Required</u></p> <p>With a trade test and minimum of two to three (2-3) years' experience after qualification. (5 points)</p> <p>OR</p> <p>With trade test and minimum of four to six (4 - 6) years' experience after qualification (7 points)</p> <p>OR</p> <p>With a valid trade test and minimum of seven to ten (7-10) years' or more experience after qualification (10 points).</p>	10	5
2.3	<p><u>Minimum of 1 Assistant Plumber Required</u></p> <p>(N3 or higher certificate in Plumbing / short course (5 points)</p>	5	5
		25	15

Technical Evaluation Criteria			
3. Company experience			
<i>Tenderer must attach appointment letters and completion certificate/ reference letters stating successful completion of previous projects. Similar project experience completed in the past 5 years (proof to be attached) * Previous experience, proven track record of contracts with South African government only.</i>			
Item	Experience	Weight	Min
3.1	Minimum of one (1) to four (4) projects completed with combined value of over R 2 000 000.00. (5 points) OR Five (5) to (9) projects completed with combined value of over R 4 000 000.00. (10 points) OR More than ten (10) projects with combined value of over R 6 000 000.00. (15 points)	15	5
60			30

- The purpose of the comparison is to ensure a meaningful evaluation; bidders are requested to furnish detailed information of substantiation of compliance to the evaluation criteria. The service provider should at least score the minimum of 30 points out of the 60 points in order to be considered to the next evaluation phase.
- All information and particulars necessary to properly evaluate the tender must be furnished on submission. Incomplete particulars and documents required substantiating or insufficient

T1.2.3 Annex 1

Standard Conditions of Tender

(As contained in Annexure F of the CIDB Standard for Uniformity in Construction Procurement)

F.1 General

F.1.1 Actions

F.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

F.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

Note

- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.*
- 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.*

F.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

F.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

F.1.3 Interpretation

F.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

F.1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

F.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **Conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.
- b) **Comparative offer** means the price after the factors of a non-firm price and all unconditional discounts it can be utilised to have been taken into consideration;
- c) **Corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process;
- d) **Fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels;
- e) **Organization** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body;
- f) **Functionality** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

F.1.4 Communication and Employer's Agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non- receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

F.1.5 Cancellation and Re-Invitation of Tenders**F.1.5.1** An organ of state may, prior to the award of the tender, cancel a tender if-

- a) due to changed circumstances, there is no longer a need for the services, works or goods requested; or
- b) funds are no longer available to cover the total envisaged expenditure; or
- c) no acceptable tenders are received.

F.1.5.2 The decision to cancel a tender must be published in the cidb website and in the government Tender Bulletin for the media in which the original tender invitation was advertised.**F.1.6 Procurement Procedures****F.1.6.1 General**

Unless otherwise stated in the tender data, a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

F.1.6.2 Competitive Negotiation Procedure**F.1.6.2.1** Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

T1.2 Tender Data

F.1.6.2.2 All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

F.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

F.1.6.2.4 The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderers have been requested to submit their best and final offer.

F.1.6.3 Proposal Procedure Using the Two Stage-System

F.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

F.1.6.3.2 Option 2

F.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

F.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

F.2 Tenderer's Obligations

F.2.1 Eligibility

F.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

F.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

F.2.2 Cost of Tendering

F.2.2.1 Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

F.2.2.2 The cost of the tender documents charged by the employer shall be limited to the actual cost incurred by the employer for printing the documents. Employers must attempt to make available the tender documents on its website so as not to incur any costs pertaining to the printing of the tender documents.

F.2.3 Check Documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

F.2.4 Confidentiality and Copyright of Documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference Documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

F.2.6 Acknowledge Addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

F.2.7 Clarification Meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

F.2.8 Seek Clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

F.2.10 Pricing the Tender Offer

F.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.

F2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

F.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

T1.2 Tender Data

- F.2.10.4** State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

F.2.11 Alterations to Documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations.

F.2.12 Alternative Tender Offers

- F.2.12.1** Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

- F.2.12.2** Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

- F.2.12.3** An alternative tender offer may only be considered in the event that the main tender offer is the winning tender.

F.2.13 Submitting a Tender Offer

- F.2.13.1** Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

- F.2.13.2** Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

- F.2.13.3** Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

- F.2.13.4** Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

- F.2.13.5** Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

- F.2.13.6** Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked -financial proposall and place the remaining returnable documents in an envelope marked -technical proposall. Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

- F.2.13.7** Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

T1.2 Tender Data

F.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

F.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

F.2.14 Information and Data to be Completed in all Respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

F.2.15 Closing Time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

F.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

F.2.16 Tender offer Validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

F.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.

F.2.16.4 Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".

F.2.17 Clarification of Tender Offer After Submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

F.2.18 Provide Other Material

F.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), referencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

F.2.19 Inspections, Tests and Analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

F.2.20 Submit Securities, Bonds and Policies

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

F.2.21 Check Final Draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

F.2.22 Return of Other Tender Documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

F.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

F.3 The Employer's Undertakings

F.3.1 Respond to Requests from the Tenderer

F.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

F.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

F.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents.

F.3.3 Return Late Tender Offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

F.3.4 Opening of Tender Submissions

F.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

F.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, number of points claimed for its BBBEE status level and time for completion for the main tender offer only.

F.3.4.3 Make available the record outlined in F.3.4.2 to all interested persons upon request.

F.3.5 Two-Envelope System

F.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

F.3.5.2 Evaluate functionality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the functionality evaluation more than the minimum number of points for functionality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any points claimed on BBBEE status level. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for functionality.

F.3.6 Non-Disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

F.3.7 Grounds for Rejection and Disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

F.3.8 Test for Responsiveness

F.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

T1.2 Tender Data

F.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

F.3.9 Arithmetical Errors, Omissions and Discrepancies

F.3.9.1 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices

F3.9.2 The employer must correct the arithmetical errors in the following manner:

- a) Where there is a discrepancy between the amounts in words and amounts in figures, the amount in words shall govern.
- b) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- c) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of the arithmetical error in the manner described above.

F.3.10 Clarification of a Tender Offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

Data Pertaining to CIDB RegistrationBasis for CIDB Rating Requirement – CIDB Table 8

A contractor registered in a specific contractor's grading designation indicated in column 1 of Table 8, is considered to be capable of undertaking a contract in the range of values indicated in columns 3 and 4 in the class of construction works to which the category of registration relates to:

The tender value range adjustments set out in table 8 of regulation 17 is amended as follows:

Contractor Grading Designation	Tender Value Range Designation	Approved Adjustment
1 (Class of Construction Works)	1	R 500 000
2 (Class of Construction Works)	2	R 1 000 000
3 (Class of Construction Works)	3	R 3 000 000
4 (Class of Construction Works)	4	R 6 000 000
5 (Class of Construction Works)	5	R 10 000 000
6 (Class of Construction Works)	6	R20 000 000
7 (Class of Construction Works)	7	R60 000 000
8 (Class of Construction Works)	8	R200 000 000
9 (Class of Construction Works)	9	N/A

Information regarding the CIDB can be obtained from their website:

APPLICATION

2. These Regulations apply to organs of state as envisaged in the definition of Organ of state in section 1 of the Act.¹

IDENTIFICATION OF PREFERENCE POINT SYSTEM, DESIGNATED SECTOR, PRE-QUALIFICATION CRITERIA, OBJECTIVE CRITERIA AND SUBCONTRACTING

4. An organ of state must-

(a) determine and stipulate in the tender documents-

(i) the preference point system applicable to the tender as envisaged in regulation 6 or 7; or

1 The definition of “organ of state” in section 1 of the Act in paragraph (a) to (e) includes-

- a national or provincial department as defined in the Public Finance Management Act, 1999;
- a municipality as contemplated in the Constitution;
- a constitutional institution as defined in the Public Finance Management Act;
- Parliament;
- a provincial legislature.

Paragraph (f) of the definition of organ of state in section 1 of the Act includes any other institution or category of institutions included in the definition of “organ of state” in section 239 of the Constitution and recognised by the Minister by notice in the *Government Gazette* as an institution or category of institutions to which the Act applies. Government Notice R. 501 of 8 June 2011 recognises, with effect from 7 December 2011, all public entities listed in Schedules 2 and 3 to the Public Finance

Management Act, 1999, as institutions to which the Act applies. Note should be taken of notices issued from time to time in terms of paragraph (f) of this definition

The application of these Regulations is also subject to applicable exemptions approved in terms of section 3 of the Act.

(ii) if it is unclear which preference point system will be applicable, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system;

(b) determine whether pre-qualification criteria are applicable to the tender as envisaged in regulation 4;

(c) determine whether the goods or services for which a tender is to be invited, are in a designated sector for local production and content as envisaged in regulation 8;

(d) determine whether compulsory subcontracting is applicable to the tender as envisaged in regulation 9; and

(e) determine whether objective criteria are applicable to the tender as envisaged in regulation 11.

PRE-QUALIFICATION CRITERIA FOR PREFERENTIAL PROCUREMENT

4.(1) If an organ of state decides to apply pre-qualifying criteria to advance certain designated groups, that organ of state must advertise the tender with a specific tendering condition that only one or more of the following tenderers may respond-

- (a) a tenderer having a stipulated minimum B-BBEE status level of contributor;
- (b) an EME or QSE;
- (c) a tenderer subcontracting a minimum of 30% to-
 - (i) an EME or QSE which is at least 51% owned by black people;
 - (ii) an EME or QSE which is at least 51% owned by black people who are youth;
 - (iii) an EME or QSE which is at least 51% owned by black people who are women;
 - (iv) (iv) an EME or QSE which is at least 51% owned by black people with disabilities;
 - (v) (v) an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships;
 - (vi) a cooperative which is at least 51% owned by black people;
 - (vii) (vii) an EME or QSE which is at least 51% owned by black people who are military veterans;
 - (viii) an EME or QSE.

(2) A tender that fails to meet any pre-qualifying criteria stipulated in the tender documents is an unacceptable tender.

F.3.11 Evaluation of Tender Offers

F.3.11.1 General

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

TENDERS TO BE EVALUATED ON FUNCTIONALITY

- 5.(1) An organ of state must state in the tender documents if the tender will be evaluated on functionality.
- (2) The evaluation criteria for measuring functionality must be objective.
- (3) The tender documents must specify-
- (a) the evaluation criteria for measuring functionality;
 - (b) the points for each criteria and, if any, each sub-criterion; and
 - (c) the minimum qualifying score for functionality.
- (4) The minimum qualifying score for functionality for a tender to be considered further-
- (a) must be determined separately for each tender; and
 - (b) may not be so-
 - (i) low that it may jeopardise the quality of the required goods or services; or
 - (ii) high that it is unreasonably restrictive.
- (5) Points scored for functionality must be rounded off to the nearest two decimal places.
- (6) A tender that fails to obtain the minimum qualifying score for functionality as indicated in the tender documents is not an acceptable tender.
- (7) Each tender that obtained the minimum qualifying score for functionality must be evaluated further in terms of price and the preference point system and any objective criteria envisaged in regulation 11.

F.3.11.2 Method 1: Price and Preference

In the case of a price and preference:

- 1) Score tender evaluation points for price
- 2) Score points for BBBEE contribution
- 3) Add the points scored for price and BBBEE.

F.3.11.3 Method 2: Functionality, Price and Preference

In the case of a functionality, price and preference:

T1.2 Tender Data

- 1) Score functionality, rejecting all tender offers that fail to achieve the minimum number of points for functionality as stated in the Tender Data.
- 2) No tender must be regarded as an acceptable tender if it fails to achieve the minimum qualifying score for functionality as indicated in the tender invitation.
- 3) Tenders that have achieved the minimum qualification score for functionality must be evaluated further in terms of the preference points system prescribed in paragraphs 4 and 4 and 5 below.

80/20 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS, SERVICES AND WORKS SERVICES FOR RAND VALUE EQUAL TO AND ABOVE R30 000 AND UPTO TO 50 MILLION

- 4) (a)(i) The following formula must be used to calculate the points for price in respect of tenders (including price quotation) with a rand value equal to, or above R 30 000 and up to Rand value of R50 MILLION (inclusive of all applicable taxes included):

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for comparative price of tender or offer under consideration;

P_t = Comparative price of tender or offer under consideration; and

P_{min} = Comparative price of lowest acceptable tender or offer.

- 2) The following table must be used to calculate the points out of 10 for B-BBEE:

B-BBEE status level of contributor	Number of points
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

(3) A tenderer must submit proof of its B-BBEE status level of contributor.

(4) A tenderer failing to submit proof of B-BBEE status level of contributor or is a non-compliant contributor to B-BBEE may not be disqualified, but-

- (a) may only score points out of 80 for price; and
- (b) scores 0 points out of 20 for B-BBEE.

(5) A tenderer may not be awarded points for B-BBEE status level of contributor if the tender documents indicate that the tenderer intends subcontracting more than 25% of the value of the contract to any other person not qualifying for at least the points that the tenderer qualifies for, unless the intended subcontractor is an EME that has the capability to execute the subcontract.

T1.2 Tender Data

- (6) The points scored by a tenderer for B-BBEE in terms of subregulation (2) must be added to the points scored for price under subregulation (1).
- (7) The points scored must be rounded off to the nearest two decimal places.
- (8) Subject to subregulation (9) and regulation 11, the contract must be awarded to the tenderer scoring the highest points.
- (9)(a) If the price offered by a tenderer scoring the highest points is not market related, the organ of state may not award the contract to that tenderer.
- (c) The organs of state may-
- (i) negotiate a market-related price with the tenderer scoring the highest points or cancel the tender;
- (ii) if the tenderer does not agree to a market-related price, negotiate a market-related price with the tenderer scoring the second highest points or cancel the tender;
- (iii) if the tenderer scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the tenderer scoring the third highest points or cancel the tender.
- (c) If a market-related price is not agreed as envisaged in paragraph (b)(iii), the organ of state must cancel the tender.

90/10 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS, SERVICES AND WORKS WITH RAND VALUE ABOVE R50 MILLION

7.(1) The following formula must be used to calculate the points out of 90 for price in respect of a tender with a Rand value above R50 million, (inclusive of all applicable taxes):

Where-

$$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for comparative price of tender or offer under consideration;

P_t = Comparative price of tender or offer under consideration; and

P_{min} = Comparative price of lowest acceptable tender or offer.

- 3) The following table must be used to calculate the points out of 10 for B-BBEE:

B-BBEE status level of contributor	Number of points
1	10
2	9
3	6
4	5

T1.2 Tender Data

5	4
6	3
7	2
8	1
Non-compliant contributor	0

(3) A tenderer must submit proof of its B-BBEE status level of contributor.

(4) A tenderer failing to submit proof of B-BBEE status level of contribution or is a non-compliant contributor to B-BBEE may not be disqualified, but-

(a) may only score points out of 90 for price; and

(b) scores 0 points out of 10 for B-BBEE.

(5) A tenderer may not be awarded points for B-BBEE status level of contributor if the tender documents indicate that the tenderer intends subcontracting more than 25% of the value of the contract to any other person not qualifying for at least the points that the tenderer qualifies for, unless the intended subcontractor is an EME that has the capability to execute the subcontract.

(6) The points scored by a tenderer for B-BBEE contribution in terms of subregulation (2) must be added to the points scored for price under subregulation (1).

(7) The points scored must be rounded off to the nearest two decimal places.

(8) Subject to subregulation (9) and regulation 11, the contract must be awarded to the tenderer scoring the highest points.

(9)(a) If the price offered by a tenderer scoring the highest points is not marketrelated, the organ of state may not award the contract to that tenderer.

(b) The organs of state may-

negotiate a market-related price with the tenderer scoring the highest points or cancel the tender;

(ii) if the tenderer does not agree to a market-related price, negotiate a market-related price with the tenderer scoring the second highest points or cancel the tender;

(iii) if the tenderer scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the tenderer scoring the third highest points or cancel the tender.

(c) If a market-related price is not agreed as envisaged in paragraph (b)(iii), the organ of state must cancel the tender.

F.3.11.6 Decimal places

Score price, preference and functionality, as relevant, to two decimal places.

F.3.11.7 Scoring Price

Score price of remaining responsive tender offers using the following formula:

T1.2 Tender Data

$$N_{FO} = W_1 \times A$$

Where

N_{FO} is the number of tender evaluation points awarded for price.

W_1 is the maximum possible number of tender evaluation points awarded for price as stated in the Tender Data.

A is a number calculated using the formula and option described in Table F.1 as stated in the Tender Data.

Table F.1: Formulae for calculating the value of A

Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a
1	Highest price or discount	$A = (1 + \frac{P - P_m}{P_m})$	$A = P / P_m$
2	Lowest price or percentage commission / fee	$A = (1 - \frac{P - P_m}{P_m})$	$A = P_m / P$
^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.			

F.3.11.8 Scoring preferences

Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the tender data and reject all claims for preferences where tenderers are not eligible for such preferences. Calculate the total number of tender evaluation points for preferences claimed in accordance with the provisions of the tender data.

F.3.11.9 Scoring functionality

Score each of the criteria and sub-criteria for quality in accordance with the provisions of the Tender Data.

Calculate the total number of tender evaluation points for quality using the following formula:

$$N_Q = W_2 \times S_O / M_S$$

Where:

S_O is the score for quality allocated to the submission under consideration;

M_S is the maximum possible score for quality in respect of a submission; and

W_2 is the maximum possible number of tender evaluation points awarded for the quality as stated in the tender data

F.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

F.3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any risk and only if the tenderer:

- is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,

T1.2 Tender Data

- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, under Business Rescue as provided for in chapter 6 of the Companies Act, 2008, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.14 Prepare contract documents

F.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

F.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

F.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

F.3.16 Notice to unsuccessful tenderers

F.3.16.1 Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data, or agreed additional period.

F.3.16.2 After the successful tenderer has been notified of the employer's acceptance of the tender, notify other tenderers that their tender offers have not been accepted.

F.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

F.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

F3.19 Transparency in the procurement process

F3.19.1 The CIDB prescripts require that tenders must be advertised and be registered on the cidb i.Tender system.

F3.19.2 The employer must adopt a transparency model that incorporates the disclosure and accountability as transparency requirements in the procurement process.

F3.19.3 The transparency model must identify the criteria for selection of projects, project information template and the threshold value of the projects to be disclosed in the public domain at various intervals of delivery of infrastructure projects.

- F3.19.4** The client must publish the information on a quarterly basis which contains the following information:
- Procurement planning process
 - Procurement method and evaluation process
 - Contract type
 - Contract status
 - Number of firms tendering
 - Cost estimate
 - Contract title
 - Contract firm(s)
 - Contract price
 - Contract scope of work
 - Contract start date and duration
 - Contract evaluation reports
- F3.19.5** The employer must establish a Consultative Forum which will conduct a random audit in the implementation of the transparency requirements in the procurement process.
- F3.19.6** Consultative Forum must be an independent structure from the bid committees. F3.19.7 The information must be published on the employer's website.
- F 3.19.8** Records of such disclosed information must be retained for audit purposes.

MOGALE CITY LOCAL MUNICIPALITY



THE TENDER:

PART T2: RETURNABLE DOCUMENTS

T2.1 List of Returnable Documents

PART T2: RETURNABLE DOCUMENTS

T2.1 List of Returnable Documents

The Tenderer must complete the following returnable documents:

- T2.2.1 Record of Addenda to Tender Documents
- T2.2.2 Compulsory Enterprise Questionnaire
- T2.2.3 Authority of Signatory
- T2.2.4 MCLM Corporate Social Responsibility
- T2.2.5 Proposed Amendments and Qualifications
- T2.2.6 Declaration of Interest
- T2.2.7 T2.2.8 Preference Points Claim Form
- T2.2.9 Declaration of Tenderer's Past Supply Chain Management Practices
- T2.2.10 Certificate of Independent Bid Determination
- T2.2.11 Capacity to Execute Work
- T2.2.12 Key Personnel/Project Team
- T2.2.13 Previous Experience
- T2.2.14 Financial Capacity
- T2.2.15 Schedule of Proposed Subcontractors
- T2.2.16 Rates for Special Materials
- T2.2.17 Tax Clearance Certificate
- T2.2.18 Declaration of Good Standing Regarding Income Tax
- T2.2.19 B-BBEE Certification
- T2.2.20 Certificate of Contractors Registration issued by the Construction Industry Development Board
- T2.2.21 Declaration of bidder's Municipal Accounts
- T2.2.22 Occupational Health and Safety Questionnaire

A check list has been provided to ensure the necessary documents have been submitted. All returnable schedules must be submitted in a **separately bound document** together with the tender document in 1 envelope.

Check List

T2.1.1 Check List for Tender Submission

The Tenderer is to indicate in the check-boxes provided that he has completed the required section of the tender document. Completion of this check-list will assist the Tenderer in ensuring that he has attended to all the required items for submission with this tender.

SECTION	DESCRIPTION	COMPLETED		FOR OFFICE USE		
		YES	NO	YES	NO	COMMENT
Cover	Cover page completed with Tenderer's details					
T2.2.1	Record of Addenda to Tender Documents					
T2.2.2	Compulsory Enterprise Questionnaire					
T2.2.3	Authority of Signatory					
	Attached certified copy of resolution					
T2.2.4	MCLM Corporate Social Responsibility					
	Attached CM29					
T2.2.5	Proposed Amendments and Qualifications					
T2.2.6	Declaration of Interest					
	Attach proof of authority if required					
T2.2.8	Preference Points Claim Form					
T2.2.9	Declaration of Bidders Past Supply Chain Management Practices					
T2.2.10	Certificate of Independent Bid Determination					
T2.2.11	Capacity to Execute Work					
	Letter of intent/agreement from hiring company					
T2.2.12	Key Personnel/Project Team					
	CV's and qualifications attached					
T2.2.13	Previous Experience					
	Completion certificates/verification letter of successful completion by client attached					
T2.2.14	Financial Capacity					
	Bank rating certificate attached in separate bound document					
T2.2.15	Schedule of Proposed Sub-Contractors					
T2.2.16	Rates for Special Materials					
T2.2.17	Declaration of bidder's Municipal Account attached					
T2.2.18	Tax Clearance Certificate					
	Original tax clearance certificate attached in separate bound document or Tax compliance Pin number					
T2.2.19	Declaration of Good Standing Regarding Tax Income					
T2.2.20	B-BBEE Certificate					
	Sworn Affidavit					
T2.2.21	Certificate of Contractors Registration issued by the Construction Industry Development Board					
	CIDB certificate attached					
T2.2.23	Occupational Health and Safety Questionnaire					
	Attach:					
	Management structure & organogram					
	Human resource plan					
	Letter of good standing					
	COVID Insurance					

PART T2: RETURNABLE DOCUMENTS**T2.2 Returnable Schedules****T2.2.1 Record of Addenda to Tender Documents**

Any Addenda received by the tenderer should be indicated in this schedule (and attached to this page).

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2.2 Compulsory Enterprise Questionnaire

The validity of the information supplied in this document will be verified before the contract is awarded to the selected Contractor. The Contractor **must** supply the following information.

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.		
Section 1: Name of enterprise:		
Section 2: VAT registration number, if any:		
Section 3: CIDB registration number, if any:		
Section 4: Particulars of sole proprietors and partners in partnerships		
Name*	Identity number*	Personal income tax number*
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners		
Section 5: Particulars of companies and close corporations		
Company registration number		
Close corporation number		
Tax reference number		
Section 6: Turnover – Approximate turnover for each of the past three years		
Year 2019	R.	
Year 2020	R.	
Year 2021	R.	
Anticipated turnover for 2022 R.		
Section 7: Management and manpower resources		
Number of Supervisors		
Number of Labourers		
Number of Operators		
Other Personnel (Specify)		
Total number permanent employees		
Total number contract employees		

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2.3 AUTHORITY FOR SIGNATORY

All signatories, **excluding sole proprietors**, shall confirm their authority by **attaching to the separate bound document of returnable schedules** a duly signed and dated original or certified copy of the relevant resolution of their meeting of members or their board of directors, as the case may be, or by completing one of the following:

T2.2.3.1 Companies / Close Corporations

FORM TO BE COMPLETED:

"By resolution of the board of directors or meeting of members passed on ,
(Mr/Me.).. . . . has been duly authorised to sign all documents in connection
with the Bid for *Contract number*. and any Contract, which may arise there from
on behalf of the Bidding Entity, namely,.

SIGNED ON BEHALF OF THE BIDDING ENTITY: NAME:
SIGNATURE:

IN HIS/HERS CAPACITY AS:

DATE:

AUTHORISED PERSON'S SPECIMEN SIGNATURE:

AUTHORISED PERSON'S SPECIMEN INITIAL:

*AND/OR (SIGNATURE). (INITIAL)

*AND/OR (SIGNATURE). (INITIAL)

*AND/OR

*AND/OR

* DELETE WHICH IS NOT APPLICABLE

AS WITNESS: 1.

T2.2.3.2 CERTIFICATE OF AUTHORITY FOR JOINT VENTURES**FORM TO BE COMPLETED:**

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms
 , authorised signatory of the company
 , acting in the capacity of lead partner, to sign all documents
 in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner CIDB registration no		Signature. Name Designation.....
 CIDB registration no		Signature. Name Designation.....
 CIDB registration no		Signature. Name Designation.....
 CIDB registration no		Signature. Name Designation.....

Signed

Date

Name

Position

As Witness

T2.2.3.3 JOINT VENTURE INFORMATION (COMPLETE ONLY IF APPLICABLE)

The parties hereto form a Joint Venture for the purpose of jointly bidding and obtaining the award of contract for **“REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED BASIS FOR THE PERIOD OF THREE (3) YEARS”** (hereinafter called the “Project”) and of jointly performing such contract under joint and several responsibility.

The share of the partners in the Joint Venture shall be:

Full Name and address of Lead enterprise

..... %

.....

Full Name and address of 2nd enterprise

..... %

.....

Full Name and address of 3rd enterprise

..... %

.....

The Lead Partner is hereby authorised to incur liabilities, receive instructions, payments, sign all documents in connection with the bid, and to be responsible for the entire execution and administration of the contract for and on behalf of the partners.

The parties hereto shall make available to the Joint Venture the technical advice and benefit of their individual experience and shall, in all other respects, endeavour to share the responsibility and burden of the performance of the Joint Venture.

To this end the parties hereto shall share, in the above proportions, in all risks and obligations arising out of or in connection with the Contract, especially in the provisions of all necessary working capital and guarantees, in profit and loss and personnel.

The Lead Partners shall supply, in its name, Professional Liability Insurance for the amount and period as stated in the Contract Data.

The Joint Venture may not be terminated by any of the parties hereto until either:

The contract has been awarded to another bidder

or

The work undertaken by the Joint Venture under the contract has been completed and all liabilities and claims incurred by and made by the Joint Venture have been settled, the bid is cancelled or the period of validity of bid extended.

No party to the Agreement shall be entitled to sell, assign or in any manner encumber or transfer its interest or any part thereof in the Joint Venture without obtaining the prior written consent of the other party hereto.

The Parties of the Joint Venture shall cooperate on an exclusive basis. No Party shall during the validity period of the bid submit a bid to or enter into a Contract with the MCLM or any other party for the Project, either alone or in collaboration with a third party.

Authorised Signature Lead Partner.....

Name

Designation

Signed at..... on

Authorised Signature of 2nd Partner.....

Name

Designation

Signed at..... on

Authorised Signature of 3rd Partner.....

Name

Designation

Signed at..... on

(ALL SIGNATORIES SHALL CONFIRM THEIR AUTHORITY BY ATTACHING TO THE LAST PAGE OF THE BID, ORIGINAL OR CERTIFIED COPIES OF DATED AND SIGNED RESOLUTIONS OF THE MEMBERS/DIRECTORS/PARTNERS AS THE CASE MAY BE.)



T2.2.4 MCLM CORPORATE SOCIAL RESPONSIBILITY

Mogale City Corporate Social Responsibility

In terms of Mogale City Corporate Responsibility, non Mogale City based Services Providers will contribute two (2%) percent of the Contract value to Mogale City.

Please provide your registered address:

.....

.....

.....

Please indicate if you are a Mogale based:

YES	NO
-----	----

If not Mogale City based, a person duly authorized by the tenderer must complete and sign the declaration herewith in detail.

Declaration by Tenderer

I, the undersigned hereby declare and confirm that we accept the contribution towards the Mogale City Corporate Social Responsibility, by the deduction of two percent (2%) on all payment made.

Signed

Date

Name

Position

Tenderer

T2.2.5 Proposed Amendments and Qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a Tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

Any and each qualification, which entails an omission from, or alternative to the works shall have the value of such omission or alternative clearly priced. The Engineer may, at his discretion, direct that the works shall be performed as specified, in which case the contract amount shall be adjusted according to the value declared in the associated qualification.

The Tenderer's attention is drawn to clause F.3.8 of the Standard Conditions of Tender referenced in the Tender Data regarding the employer's handling of material deviations and qualifications.

Page	Clause or item	Proposal

Signed

Date

Name

Position

Tenderer

T2.2.6



MBD 4

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
2. Any person, having a kinship with persons in the service of the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to persons in service of the state, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority.
- 3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative:.....

3.2 Identity Number:

3.3 Position occupied in the Company (director, trustee, shareholder²):.....

3.4 Company Registration Number:

3.5 Tax Reference Number:.....

3.6 VAT Registration Number:

3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.

3.8 Are you presently in the service of the state? **YES / NO**

3.8.1 If yes, furnish particulars.

.....

¹MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - (i) any municipal council;
 - (ii) any provincial legislature; or
 - (iii) the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999);
- (e) a member of the accounting authority of any national or provincial public entity; or
- (f) an employee of Parliament or a provincial legislature.

² Shareholder" means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

T2.2 Returnable Schedules

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 If yes, furnish particulars.....

.....

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.10.1 If yes, furnish particulars.

.....

.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid? **YES / NO**

3.11.1 If yes, furnish particulars

.....

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.12.1 If yes, furnish particulars.

.....

.....

3.13 Are any spouse, child or parent of the company's directors trustees, managers, principle shareholders or stakeholders in service of the state? **YES / NO**

3.13.1 If yes, furnish particulars.

.....

.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract. **YES / NO**

3.14.1 If yes, furnish particulars:

.....

.....

4. FULL DETAILS OF DIRECTORS / TRUSTEES / MEMBERS / SHAREHOLDERS.

Full Name	Identity Number	State Employee Number

.....
Signature.....
Date.....
Capacity.....
Name of Bidder



MBD 6.1

MOGALE CITY LOCAL MUNICIPALITY

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2011

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- 80/20 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS, SERVICES AND WORKS SERVICES FOR RAND VALUE EQUAL TO AND ABOVE R30 000 AND UPTO TO 50 MILLION (all applicable taxes included); and
- 90/10 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS, SERVICES AND WORKS WITH RAND VALUE ABOVE R50 MILLION (all applicable taxes included).

1.2 The value of this bid is estimated not to **exceed** R50Million (all applicable taxes included) and therefore the **.....80/20....** preference point system shall be applicable.

1.3 Preference points for this bid shall be awarded for:

- 1.4 (a) PRICE
- (b) B-BBEE Status Level of Contribution.

1.5 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTION	20

1.6 Failure on the part of a bidder to submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System (SANAS), or a Registered Auditor approved by the Independent Regulatory Board of Auditors (IRBA) or a sworn affidavit confirming annual turnover and level of black ownership in case of an EME and QSE together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.7 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. DEFINITIONS

- (a) **“all applicable taxes”** includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- (b) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (c) **“B-BBEE status level of contributor”** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (d) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals;
- (e) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003) as amended by Act No 46 of 2013;
- (f) **“comparative price”** means the price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration;
- (g) **“consortium or joint venture”** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract;
- (h) **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- (i) **“EME”** means an Exempted Micro Enterprise as defines by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (j) **“Firm price”** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- (k) **“functionality”** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- (l) **“non-firm prices”** means all prices other than “firm” prices;
- (m) **“person”** includes a juristic person;
- (n) **“QSE”** means a Qualifying Small Enterprise as defines by Codes of Good Practice issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (o) **“rand value”** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- (p) **“sub-contract”** means the primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract;
- (q) **“total revenue”** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007;

- (r) **“trust”** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- (s) **“trustee”** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The bidder obtaining the highest number of total points will be awarded the contract.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts;.
- 3.3 Points scored must be rounded off to the nearest 2 decimal places.
- 3.4 In the event that two or more bids have scored equal total points, the successful bid must be the one scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more bids have scored equal points including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.
- 3.6 Should two or more bids be equal in all respects, the award shall be decided by the drawing of lots.

4. POINTS AWARDED FOR PRICE

4.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

80/20 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS, SERVICES AND WORKS
SERVICES FOR RAND VALUE EQUAL TO AND ABOVE R30 000 AND UPTO TO 50MILLION

- 5) (a)(i) The following formula must be used to calculate the points for price in respect of tenders(including price quotation) with a rand value equal to, or above R 30 000 and up to Rand value of R50 MILLION (inclusive of all applicable taxes included):

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for comparative price of bid under consideration

P_t = Comparative price of bid under consideration

P_{\min} = Comparative price of lowest acceptable bid

5. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 5.1 In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 5.2 A bidder who qualifies as an EME in terms of the B-BBEE Act must submit a sworn affidavit confirming Annual Total Revenue and Level of Black Ownership.
- 5.3 A Bidder other than EME or QSE must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 5.4 A trust, consortium or joint venture, will qualify for points for their B-BBEE status level as a legal entity, provided that the entity submits their B-BBEE status level certificate.
- 5.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 5.6 Tertiary Institutions and Public Entities will be required to submit their B-BBEE status level certificates in terms of the specialized scorecard contained in the B-BBEE Codes of Good Practice.
- 5.7 A person will not be awarded points for B-BBEE status level if it is indicated in the bid documents that such a bidder intends sub-contracting more than 25% of the value of the contract to any other enterprise that does not qualify for at least the points that such a bidder qualifies for, unless the intended sub-contractor is an EME that has the capability and ability to execute the sub-contract.
- 5.8 A person awarded a contract may not sub-contract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is sub-contracted to an EME that has the capability and ability to execute the sub-contract.

6. BID DECLARATION

- 6.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

7. B-BBEE STATUS LEVEL OF CONTRIBUTION CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 5.1

- 7.1 B-BBEE Status Level of Contribution: = (maximum of 10 or 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 5.1 and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or a sworn affidavit.

8. SUB-CONTRACTING

- 8.1 Will any portion of the contract be sub-contracted?

(***Tick applicable box***)

YES		NO	
-----	--	----	--

- 8.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME.

(***Tick applicable box***)

YES		NO	
-----	--	----	--

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		

SUBCONTRACTING AS CONDITION OF TENDER

9.(1) If feasible to subcontract for a contract above R30 million, an organ of state must apply subcontracting to advance designated groups.

(2) If an organ of state applies subcontracting as contemplated in subregulation

(1), the organ of state must advertise the tender with a specific tendering condition that the successful tenderer must subcontract a minimum of 30% of the value of the contract to-

(a) an EME or QSE;

(b) an EME or QSE which is at least 51% owned by black people;

(c) an EME or QSE which is at least 51% owned by black people who are youth;

(d) an EME or QSE which is at least 51% owned by black people who are women;

(e) an EME or QSE which is at least 51% owned by black people with disabilities;

(f) an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships;

(g) a cooperative which is at least 51% owned by black people;

(h) an EME or QSE which is at least 51% owned by black people who are military veterans; or

(i) more than one of the categories referred to in paragraphs (a) to (h).

(3) The organ of state must make available the list of all suppliers registered on a database approved by the National Treasury to provide the required goods or services in respect of the applicable designated groups mentioned in subregulation (2) from which the tenderer must select a supplier.

9. DECLARATION WITH REGARD TO COMPANY/FIRM

9.1 Name of company/firm:.....

9.2 VAT registration number:.....

9.3 Company registration number:.....

9.4 TYPE OF COMPANY/ FIRM

☐ Partnership/Joint Venture / Consortium

☐ One person business/sole propriety

☐ Close corporation

☐ Company

☐ (Pty) Limited

[TICK APPLICABLE BOX]

9.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

9.6 COMPANY CLASSIFICATION

☐ Manufacturer

☐ Supplier

☐ Professional service provider

☐ Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

9.7 MUNICIPAL INFORMATION

Municipality where business is situated:

Registered Account Number:

Stand Number:.....

- 9.8 Total number of years the company/firm has been in business:.....
- 9.9 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contribution indicated in paragraph 7 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:
- i) The information furnished is true and correct;
 - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
 - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 7, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
 - iv) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) restrict the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution.

10. **Previous experience**

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work).

Description	Value (R, VAT excluded)	Year(s) executed	Reference		
			Name	Organization	Tel no

10.1 Staffing Profile

Provide information on key staff you intend utilizing on this contract, should it be awarded to you.

Name	Position in your organization	Qualifications	Experience

10.2 Infrastructure and resources available to execute this contract**10.2.1 Physical facilities**

Description	Address	Area (m²)

10.3 Plant and equipment

Description : Plant and equipment owned (or to be rented)	Number of units

10.4 List of shareholders by Name, Position, Identity number, Citizenship, HDI status and ownership as relevant.

Name	Date/Position Occupied in Enterprise	ID Number (please attach certified copies of ID's	Date RSA Citizenship obtained	HDI	Women	Disabled	Youth (person not older than 35 years of age)	% of business/ enterprise owned
							Total	100%

8.5 List of shareholders by Name, percentage (%) of business/enterprise owned, residential address.

Full Name	Identity (ID) Number (please attached certified copies of ID's)	% of business/ enterprise owned	Residential address

T2.2 Returnable Schedules

**T2.2.9 DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
MBD 8**

1. This Municipal Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a) abused the municipality's / municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - b) been convicted for fraud or corruption during the past five years;
 - c) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - d) been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	Is the bidder or any of its directors listed on the National Treasury's database as a company or person prohibited from doing business with the public sector? (Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the <i>audi alteram partem</i> rule was applied).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? (To access this Register enter the National Treasury's website, www.treasury.gov.za, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445).	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

T2.2 Returnable Schedules

4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
4.4	Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish particulars:		
4.5	Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

Certification:

I, the undersigned (full name) certify that the information furnished on this declaration form true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Signed Date

Name Position

Tenderer

T2.2.10



MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
 - a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

MBD 9

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

MBD 9

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

T2.2 Returnable Schedules**T2.2.11 Capacity to Execute Work**

The Tenderer shall state below what Constructional Plant will be available for the work should he be awarded the Contract.

- a) Details of major equipment that is owned by and immediately available for this contract.

DESCRIPTION, SIZE, CAPACITY	NUMBER

Attach additional pages if more space is required.

- b) Details of major equipment that will be hired, or acquired for this contract if my/our tender is acceptable.
Letter of intent/agreement from hiring company must be attached in the separately bound document with all the returnable schedules.

DESCRIPTION, SIZE, CAPACITY	NUMBER

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2 Returnable Schedules**T2.2.12 Key Personnel/Project Team**

The Tenderer shall list below the key personnel, whom he proposes to employ on the project should his Bid be accepted, both at his headquarters and on the Site, to direct and for the execution of the work, together with their qualifications, experience, positions held and their nationalities.

A CV for each of the key personnel indicated and a certified copy of their qualification certificates must be **attached in the separately bound document with all the returnable schedules**.

Designation	Name of Nominee	Nationality	Summary of		HDI Status Yes/No	NQF Certified Yes/No
			Qualifications	Experience and Present Occupation		
Site Agent						
Artisan Plumber						
Artisan Plumber						
Assistant Plumber						
Assistant Plumber						

Signed

Date

Name

Position

Tenderer

CV Template

The CV's must be **attached in the separately bound document with all the returnable schedules.**

Name:	Date of Birth:
Profession:	Nationality:
Qualifications:	
Professional Registration Number:	
Name of Employer (firm):	
Current Position:	Years with Firm:
Employment Record:	
Experience Record Pertinent to Required Service:	
Related Project:	
Related Project:	
Related Project:	

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
Date

CV Template

The CV's must be **attached in the separately bound document with all the returnable schedules.**

Name:	Date of Birth:
Profession:	Nationality:
Qualifications:	
Professional Registration Number:	
Name of Employer (firm):	
Current Position:	Years with Firm:
Employment Record:	
Experience Record Pertinent to Required Service:	
Related Project:	
Related Project:	
Related Project:	

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
Date

CV Template

The CV's must be **attached in the separately bound document with all the returnable schedules.**

Assistant Artisan Plumber

Name:		Date of Birth:	
Profession:		Nationality:	
Qualifications:			
Professional Registration Number:			
Name of Employer (firm):			
Current Position:		Years with Firm:	
Employment Record:			
Experience Record Pertinent to Required Service:			
Related Project:			
Related Project:			
Related Project:			

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
Signature of person named in the schedule

.....
Date

CV Template

Provide separate CV's for each personnel listed in schedule: T2.2.12 Key Personnel/Project Team. The

The CV's must be **attached in the separately bound document with all the returnable schedules.**

Assistant Artisan Plumber

Name:		Date of Birth:	
Profession:		Nationality:	
Qualifications:			
Professional Registration Number:			
Name of Employer (firm):			
Current Position:		Years with Firm:	
Employment Record:			
Experience Record Pertinent to Required Service:			
Related Project:			
Related Project:			
Related Project:			

Certification:

I, the undersigned, certify that, to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

.....
Signature of person named in the schedule

.....
Date

T2.2 Returnable Schedules**T2.2.13 Previous Experience**

Provide the following information on **relevant previous experience**. Indicate comparable projects of the construction in Civil works in the past 2 years. This information is material to the award of the Contract.

No points will be awarded if reference cannot be reached or if it refuses to supply information. Give at least two (2) names and telephone numbers and e-mail address per reference.

Completion certificates or a verification letter of successful completion by the client must be **attached in the separately bound document with all the returnable schedules**.

THE FOLLOWING TABLE MUST BE COMPLETED

EMPLOYER (Name and tel no and email)	NATURE OF WORK CARRIED OUT PREVIOUSLY	VALUE OF WORK	YEAR OF COMPLETION	COMPLETION CERTIFICATE
PROJECT 1:				
Name 1:	Related Works:			
Tel:	Description:			
Email:				
Name 2:				
Tel:				
Email:				

PROJECT 2:				
Name 1:	Related Works			
Tel:	Description:			
Email:				
Name 2:				
Tel:				
Email:				

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T2.2 Returnable Schedules

PROJECT 3				
Name 1:	Related Works:			
Tel:	Description:			
Email:				
Name 2:				
Tel:				
Email:				

PROJECT 4				
Name 1:	Related Works:			
Tel:	Description			
Email:				
Name 2:				
Tel:				
Email:				

PROJECT 5	Related Works:			
Name 1:	Description:			
Tel:				
Email:				
Name 2:				
Tel:				
Email:				

T2.2 Returnable Schedules**T2.2.14 Financial Capacity**

The Tenderer must provide with his tender a bank rating certified by his banker, to the effect that he will be able to successfully complete the contract at the tendered amount within the specified time for completion. The Tenderers bank rating must be **attached in the separately bound document with all the returnable schedules**. The tenderer and/or attach a Letter of Intent of Accredited Financial Institution if they can provide a construction guarantee for 10% of the contract value.

The following form must be completed by the tenderers bank and an original bank stamp must be affixed to this page. Non-compliance may disqualify the tender

(Note: Each member of a Joint Venture (JV) must complete a Bank Detail form)

BANK DETAILS

I/we hereby request and authorize my/our Banker as detailed below to verify and supply a bank code for my/our account. A bank rating certificate is required to evaluate the Tenderers financial stability.

I/we also hereby acknowledge that the bank details as given can be verified independently by Mogale City Local Municipality's appointed Consultant on the Project:

Initials & Surname	Authorized Signatory	Date (yyyy/mm/dd)
Account Holder	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Bank	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Branch	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Branch code	<table border="1" style="width: 100%; height: 20px;"></table>	
Account Number	<table border="1" style="width: 100%; height: 20px;"></table>	

Type of Account: Cheque Account ☐ Transmission Account ☐ Saving Account ☐ Other _____

Tender Amount R_____ Construction Period: _____ (months)

To be completed by the Bank

Initials & Surname (Bank Official)	Signature (Bank Official)	Date
Telephone Number (Bank Official)	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <u>Date Stamp of Bank Certified as Correct</u> </div>	
Bank Code based on Tender Amount & Construction Period		

Confidential

Confidential

T2.2.15 SUBCONTRACTING AS CONDITION OF TENDER

9. (1) If feasible to subcontract for a contract above R30 million, an organ of state must apply subcontracting to advance designated groups.

(2) If an organ of state applies subcontracting as contemplated in subregulation

(1), the organ of state must advertise the tender with a specific tendering condition that the successful tenderer must subcontract a minimum of 30% of the value of the contract to-

- (a) an EME or QSE;
- (b) (b) an EME or QSE which is at least 51% owned by black people;
- (c) (c) an EME or QSE which is at least 51% owned by black people who are youth;
- (d) (d) an EME or QSE which is at least 51% owned by black people who are women;
- (e) (e) an EME or QSE which is at least 51% owned by black people with disabilities;
- (f) (f) an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships;
- (g) (g) a cooperative which is at least 51% owned by black people;
- (h) (h) an EME or QSE which is at least 51% owned by black people who are military veterans; or
- (i) (i) more than one of the categories referred to in paragraphs (a) to (h).

(3) The organ of state must make available the list of all suppliers registered on a database approved by the National Treasury to provide the required goods or services in respect of the applicable designated groups mentioned in subregulation (2) from which the tenderer must select a supplier.

Schedule of Proposed Sub-Contractors

Provide details on all sub-contractors you intend utilising for this contract:

Type of Work to be used for	% of contract	Name of Sub-Contractor	Previous Experience with Sub-Contractor	CIDB Grading
Total % of contract sub-contracted		Total contribution of HDI ownership		

Signed

Date

Name

Position

Tenderer

SUBCONTRACTING AFTER AWARD OF TENDER

- 12.** (1) A person awarded a contract may only enter into a subcontracting arrangement with the approval of the organ of state.
- (2) A person awarded a contract in relation to a designated sector, may not subcontract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- (3) A person awarded a contract may not subcontract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level of contributor than the person concerned, unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract.

T2.2.16 Rates for Special Materials

Tenderer to Specify

SPECIAL MATERIAL	UNIT*	RATE OR PRICE FOR THE BASE MONTH

*Indicate whether the material will be delivered in bulk or in containers.

When called upon to do so, the tenderer shall substantiate the above rates or prices with acceptable documentary evidence.

Signed Date

Name Position

Tenderer

T2.2.17 Certificate of Tenderers Attendance at the Clarification Meeting

This is to certify that I, **(name in print)**.....,

representative of (Tenderer).....

.....

of (address).....

.....

.....

Telephone number

Fax number

visited and inspected the Site / Attended Clarification Meeting on (date)

in the company of (Engineer/Engineer's Representative)

SIGNATURE OF TENDERER'S REPRESENTATIVE:

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T2.2 Returnable Schedules

ATTACH TAX CLEARENCE CERTIFICATE / TAX COMPLIANCE STATUS (TCS) DOCUMENT.

T2.2.19 Declaration of Good Standing Regarding Income Tax

The validity of this document will be verified with the relevant office of the South African Revenue Service before the contract is awarded to the selected Contractor.

SOUTH AFRICAN REVENUE SERVICE

PARTICULARS																
Tender No:											Closing Date:					
1. Name of Tax Payer/Contractor:																
2. Trade Name:																
3. ID Number																
4. Company/CC Reg. No																
5. Income Tax Ref. No																
6. VAT Reg. No																
DECLARATION																
It is hereby declared that the Income Tax and VAT obligations of the abovementioned, which includes the rendition of returns and payment of the relevant taxes:																
1. have been satisfied in terms of the relevant Acts; or																
2. that suitable arrangements have been made with the South African Revenue Services in this regard																
Signature										Capacity					SARS Date Stamp	

Attach original Tax Clearance Certificate to this page

SWORN AFFIDAVIT – B-BBEE EXEMPTED MICRO ENTERPRISE

I, the undersigned,

Full name and surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.
2. I am a member / director / owner of the following enterprise and I am duly authorised to act on its behalf:

Enterprise Name	
Trading Name	
Registration number	
Enterprise Address	

3. I hereby declare under oath that:

- The enterprise is _____% black owned;
- The enterprise is _____% black women owned;
- Based on the management accounts and other information available for the _____ Financial year, the income did not exceed R 10 000 000.00 (ten million rands);
- Please confirm in the table below the B-BBEE level of contributor, **by ticking the applicable box:**

100% Black owned	Level One (135% B-BBEE procurement recognition)	
More than 51% black owned	Level Two (125% B-BBEE procurement recognition)	
Less than 51% black owned	Level Four (100% B-BBEE procurement recognition)	

4. The entity is an empowering supplier in terms of the dti Codes of Good Practice.
5. I know and understand the contents of the affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
6. The sworn affidavit will be valid for a period of 12 months from the date signed by the commissioner.

Deponent Signature_____

Date: _____

 Commissioner of Oaths
 Signature and Stamp

SWORN AFFIDAVIT – B-BBEE QUALIFYING SMALL ENTERPRISE

I, the undersigned,

Full name and surname	
Identity number	

Hereby declare under oath as follows:

1. The contents of this statement are to the best of my knowledge a true reflection of the facts.

2. I am a member / director / owner of the following enterprise and I am duly authorised to act on its behalf:

Enterprise Name	
Trading Name	
Registration number	
Enterprise Address	

3. I hereby declare under oath that:

- The enterprise is _____ % black owned;
- The enterprise is _____ % black woman owned;
- Based on the management accounts and other information available on the _____ financial year, the income did not exceed R50,000,000.00 (fifty million rands);
- the entity is an Empowering Supplier in terms of Clause 3.3 (a) or (b) or (c) or (d) or as amended 3.3 (e) (**select one**) _____ of **the dti** Codes of Good Practice.
- Please confirm on the table below the B-BBEE level of contributor, **by ticking the applicable box**:

100% Black owned	Level One (135% B-BBEE procurement recognition)	
More than 51% black owned	Level Two (125% B-BBEE procurement recognition)	
Less than 51% black owned	Level Four (100% B-BBEE procurement recognition)	
(a) At least 25% of cost of sales, (excluding labour costs and depreciation) must be procurement from local producers or suppliers in South Africa; for the services industry include labour costs but capped at 15%,	(b) Job Creation – 50% of jobs created are for black people, provided that the number of black employees in the immediate prior verified B-BBEE measurement is maintained	
(c) At least 25% transformation of raw material / beneficiation which include local manufacturing, production and /or assembly, and/ or packaging	(d) At least 12 days per annum of productivity deployed in assisting QSE and EME beneficiaries to increase their operation or financial capacity	
(e) At least 85% of labour costs should be paid to South African employees by service industry entities.		

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T2.2 Returnable Schedules

1. I know and understand the contents of the affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
2. The sworn affidavit will be valid for a period of 12 months from the date signed by the commissioner.

Deponent Signature_____

Date:_____

Commissioner of Oaths
Signature and Stamp

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T2.2 Returnable Schedules

T2.2.20 B-BBEE Certification

Tenderers Company Name	
B-BBEE Level	
Expiry Date	

A copy of the B-BBEE Certificate must be attached in the **separately bound document with all the returnable schedules.**

Signed Date

Name Position

Tenderer

T2.2.21 Certificate of Contractors Registration Issued by the Construction Industry Development Board

The Tenderer shall attach **in the separately bound document with all the returnable schedules**, the Contract's Certificate of Registration with CIDB. Failure to submit the certificate with the tender document will lead to the conclusion that the Tenderer is not registered with the CIDB and therefore not eligible to tender.

Tenderers who have made application to CIDB for registration and are capable of being so registered prior to the evaluation of submission must attach a notification from CIDB that their application is being considered.

Tenderers Company Name	
CIDB Registration Number	
Contractors Grading	

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2 Returnable Schedules

T2.2.22 MUNICIPAL ACCOUNTS

- **THE BIDDING ENTITY AS WELL AS ALL ITS DIRECTORS MUST SUBMIT MUNICIPAL ACCOUNT WHICH IS NOT MORE THAN THREE (3) MONTHS IN ARREARS OR VALID LEASE AGREEMENT WHICH IS IN THE NAME OF THE BUSINESS AND OR THE DIRECTORS, WHICH MUST STIPULATE THE RESPONSIBILITY OF PAYMENT OF MUNICIPAL SERVICES.**
- **IF THE RESPONSIBILITY OF PAYMENT OF MUNICIPAL SERVICES IS THAT OF THE TENANT/LESSEE, PLEASE PROVIDE PROOF OF PAYMENT OF THOSE SERVICES.**
- **IF THE BUSINESS OPERATES FROM THE DIFFERENT ADDRESS AS PER CIPC DOCUMENT, AFFIDAVIT MUST BE PROVIDED**

The tenderer must attach in the **separately bound document with all the returnable schedules**, a copy of the latest Municipal Account in the name of the business. The municipal account must not be more than 3 months old

Tenderers Company Name	
Municipal Account Holder	
Account Holders Position in Company	
Municipal Account Number	
Stand number	

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

DECLARATION OF BIDDER/S MUNICIPAL ACCOUNT(S)**NAME OF BIDDING ENTITY.....**

Declaration in terms of paragraph 38(1)(d)(i) of the Supply Chain Management Policy of the MCLM irrespective of the contract value of the bid:

NB: Please not that this declaration must be completed by all bidders

- (i) I, the undersigned hereby declare that the signatory to this tender document; is duly authorised and further declare:
- (ii) That the bidding entity as well as all its directors /shareholders must submit Municipal account which is not more than three (3) months in arrears or valid lease agreement which is in the name of the business and or the directors, which must stipulate who is responsible for payment of municipal services.
- (iii) That the copy of the lease agreement/municipal account in the name of the bidding entity and Lessee will only be accepted if water and lights are part of lease payment.
- (iv) I acknowledge that should it be found that any Municipal Rates and Taxes or Municipal charges as set out in (ii) above are in arrears for more than three (3) months, the bid will be rejected and MCLM may take such remedial action as is required, including the rejection of the bid and/or termination of the contract. (Unless if the bidder has attached proof of the payment arrangement of the arrears to the bid document as at the closing date of the submission of bids)
- (v) The following account/s of the bidding entity has reference:

Municipality**Account number**

.....

.....

.....

(NB: if insufficient space above, please submit on a separate page)

- (vi) If the Bidding Entity operates from home/ family place and is not responsible for Municipal account, the bidder must submit Sworn Affidavit.

	Yes	No
Bidding entity who operate from informal settlement		
Bidding entity who operate from a property owned by a director / member / partner		
Bidding entity who operates from somebody else's property		
Bidding entity who rent premises from a landlord		
Other (Please specify)		

Sworn Affidavit Stamp

T2.2 Returnable Schedules

- (vii) If the Bidding Entity operates from home/ family place and is not responsible for municipal account, the bidder must submit Sworn Affidavit. **(Applicable to Joint Venture / Consortium only)**

	Yes	No
Bidding entity who operate from informal settlement		
1.		
2.		
Bidding entity who operate from a property owned by a director / member / partner		
1.		
2.		
Bidding entity who operates from somebody else's property		
1.		
2.		
Bidding entity who rent premises from a landlord		
1.		
2.		
Other (Please specify)		

Signed at this day 20.....

Name of Duly Authorised Signatory (Please print)

Authorised Signature:

As witness: 1

2

Sworn Affidavit Stamp

--

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

T2.2 Returnable Schedules

ATTACH THE CENTRAL SUPPLIER DATABASE (CSD) REGISTRATION SUMMARY REPORT

T2.2.23 Occupational Health and Safety Questionnaire

1.	SHE POLICY, ORGANIZATION AND MANAGEMENT INVOLVEMENT		
		YES	NO
1.1	Do you have a SHE Policy?		
	Is this signed by the senior executive?		
	Please supply copy of this policy.		
1.2	Does a SHE structure exist in your company?		
	Please provide details		
1.3	Are senior and middle management actively involved in the promotions of SHE?		
	<ul style="list-style-type: none"> Periodical work area inspection 		
	<ul style="list-style-type: none"> Regular Health and Safety meetings with personnel 		
1.4	Are the SHE responsibilities of managers clearly defined?		
	Please provide details		
1.5	Are annual SHE objectives included in your business plan?		
	Please provide example.		
1.6	Is your company registered with the Compensation Commissioner? (COID Act)?		
	If so, please provide registration number		
1.7	Do you have a copy of good standing certificate, confirming that your registration is paid up?		
	If so, please provide copy thereof.		
2.	SHE TRAINING	YES	NO
2.1	Is training provided to employees at the following Phases?		
	<ul style="list-style-type: none"> When joining the company 		
	<ul style="list-style-type: none"> When changing jobs within the company 		
	<ul style="list-style-type: none"> When new plant or equipment needs to be operated 		
	As a result of experience of and feedback from an accident/incident reports		
	Are you able to provide proof of specialist training provided?		
	Please state how this can be achieved.		
2.2	What formal SHE training is provided specifically to:		
	<ul style="list-style-type: none"> First line supervisors 		
	Middle and top management.		
	Please describe.		

C1.1 Form of Offer and Acceptance

2.3	Are all employees (including sub-contractors) instructed as to the application of rules and regulations?			
2.4	Does this training include the selection, use and care of personal protective equipment?			
2.5	What refresher training is provided and at what intervals?			
	Please list examples.			
	Course Title	Target audience	Interval	
2.6	Has the person(s) allocated as your SHE advisor followed specific SHE training?			
	Please list most recent courses.			
	Does this include refresher training?			
3.	PURCHASE OF GOODS, MATERIALS AND SERVICES		YES	NO
3.1	Do you have a system for establishing SHE specifications as part of the assessment of goods, materials and services?			
	Please describe.			
3.2	Do you have a system, which ensures that all statutory inspection of plant and equipment are carried out?			
	Please give examples of plant/equipment covered.			
3.3	Is there record of inspection?			
	Where is it kept?			
	Are you able to supply copies of these inspection records if required?			
3.4	Is plant and equipment, which has been inspected, identified as being safe to use?			
3.5	Do you evaluate the SHE competence of all sub-contractors?			
	Please describe how this is achieved and how the results are monitored.			
4.	SHE INSPECTIONS		YES	NO
4.1	Are periodic work inspections carried out by first line supervisors or your General Safety Regulation 11(1) appointee?			
4.2	Are records of these inspections kept and available?			

C1.1 Form of Offer and Acceptance

4.3	During the inspections, are supervisors required to check that safety rules and regulations (including personal protective equipment) are adhered to?			
4.4	Are unsafe acts and conditions reported and remedial actions formally monitored?			
	Please provide examples of the above.			
5.	RULES AND REGULATIONS		YES	NO
5.1	Do health and safety rules and regulations exist for personnel and sub-contractors?			
	Do these cover:			
	• General rules			
	• Project rules			
	• Specific task rules			
5.2	Do these rules include permit to work system (as applicable)			
5.3	Do you have experience of project SHE plans?			
	Please give examples of where these have been used.			
5.4	Do you have a formal company guideline for holding pre-contract health and safety meetings with the client?			
6	RISK MANAGEMENT		YES	NO
6.1	Have the following, involved in the execution of your work, been identified?			
	• Hazards affecting health and safety?			
	• The groups of people who might be affected?			
	• End evaluation of the risk from each significant hazard?			
	• Whether the risks arising are adequately controlled?			
6.2	Are these findings and assessments recorded?			
6.3	How often are they reviewed?			
	Please list the time frame, eg. Years			
6.4	For what processes/risk is personal protective equipment issued?			
	Process/Risk	Type of PPE		
6.5	Do you have a copy of the issue lists for PPE available on request?			
7	EMERGENCY ARRANGEMENTS		YES	NO
7.1	How do you manage your arrangements for dealing with emergencies?			

C1.1 Form of Offer and Acceptance

	Are these communicated to your sub-contractors?		
7.2	What provision have you made for first aid? E.g. Trained First Aiders		
7.3	What training do you provide to employees in Safety/Fire Fighting?		
	Please list institutions used for this training.		
8	RECRUITMENT OF PERSONNEL	YES	NO
8.1	Are health and safety factors considered when hiring personnel?		
8.2	Are medical examinations carried prior to employment?		
	In all cases.		
	Where type of work requires medical examination.		
8.3	Do you cover exit medical examination?		
8.4	How do you assess the competence of staff before an appointment is made?		
	Eg. Via trade testing, reference checks.		
9.	REPORTING AND INVESTIGATION OF ACCIDENTS, INCIDENTS AND DANGEROUS CONDITIONS	YES	NO
9.1	Do you have a procedure for reporting, investigating and recording accidents and incidents?		
	Please supply a copy.		
9.2	Is there a standard report/investigation form used?		
	Please supply copy.		
9.3	Do you have a formal system for reporting situations/close accidents etc.?		
	Please provide a copy		
9.4	Please provide the following statistics for the last five years		

MOGALE CITY LOCAL MUNICIPALITY



THE CONTRACT:

PART C1: AGREEMENTS AND CONTRACT DATA

PART C1: AGREEMENTS AND CONTRACT DATA**C1.1 FORM OF OFFER AND ACCEPTANCE****C1.1.1 FORM OF OFFER****(Note: The Appendix, Annexures & Reports Form Part of the Tender)****THIS FORM MUST BE FILLED IN BY THE TENDERER AND MUST BE SIGNED AT TIME OF SUBMISSION OF THE TENDER**

The Employer identified in the Acceptance signature block has solicited offers to enter into a contract for:

Tender No : **PWRT (B&F) 06/2023**Description of Works : **REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.**The Tenderer, identified in the Offer signature block, has examined the General and the Special Conditions of Contract, Specifications, Drawings, and Schedule of Quantities for the works: **REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.**

I/We offer to construct, complete and remedy any defects in the said Works in conformity with the General and the Special Conditions of Contract, Specifications, Drawings and Schedule of Quantities, save as amended by Alterations by Tenderer (if any) attached hereto, for the sum of:

Description	Tendered Amount (Rates)	VAT @ 15%	Amount (Incl. VAT)
REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.			

In words R.....

or such other sum as may be ascertained in accordance with the terms of the contract.

Our proposed construction period as from site handover:

Description	Construction Period (36 months)
REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.	

My/Our offer/s remains binding upon me and open for acceptance by the purchaser/client during the validity period of **one hundred and twenty (120 days)** indicated and calculated from the closing time of tender.

C1.1 Form of Offer and Acceptance

C1.1.1 Form of Offer (Continued)

1. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - i) Tender documents, viz
 - Invitation to tender
 - Tender Data
 - Returnable Schedules (Schedule D)
 - Technical Data Sheets
 - Preference claims in terms of the Preferential Procurement Regulations 2001
 - Declaration of interest
 - Contract Data
 - Special Conditions of Contract;
 - Pricing schedule(s)
 - Scope of Works
 - Site Information
 - ii) General Conditions of Contract; (GCC 2015) and
 - iii) Drawings
 - iv) Annexures
 - v) Addendums
 - vi) Other
2. Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorized representative (s) of both parties.
3. I/We confirm that we have satisfied ourselves as to the correctness and validity of my tender; that the price(s) and rate(s) quoted cover all the goods and/or works specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I/We accept that any mistakes regarding price(s) and rate(s) and calculations will be at my/our own risk.

In the event of there being any errors of extension or addition in the priced Schedule of Quantities, I/We/we agree to their being corrected by you or by the Engineer acting on your behalf, the rates being taken as correct and the tender amount be adjusted accordingly.
4. I/We confirm that Escalation will be applicable on Special Materials on this contract and will be calculated as per Contract Data & General Conditions of Contract 2015 (GCC 2015)
5. I/We accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfilment of this contract. I/We undertake to complete and deliver the whole of the Works comprised in the Contract within the time stated in the Appendix adjusted in terms of the Contract.
6. The Tenderer shall within two weeks after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's Agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

C1.1 Form of Offer and Acceptance

The Construction /Performance Guarantee that I/We propose is:

From (Insurer Name)*1

*1 – Letter of Intent to be provided

7. Unless and until a formal agreement is prepared and executed, this Tender, together with the written acceptance thereof by yourselves or the Engineer acting on your behalf, shall constitute a binding Contract between us.
8. I/We* understand that you are not bound to accept the lowest or any tender you may receive.
9. I/We* confirms that he/she is aware of the suspense condition that the tender amount as mentioned in the tender document is subject to availability of funds to cover the total envisaged expenditure for the tender in question and
10. I/We* further confirms that Mogale City Local Municipality has the right to cancel the tender prior to award if the funds necessary to cover the total envisaged expenditure of the tender are not available for the current financial year; Mogale City Municipality has the right to reduce the Scope of Work after award and prior to commencement to comply with the available budget
11. I/We declare that I/We have no participation in any collusive practices with any tenderer or any other person regarding this or any other tender.
12. I/We, declare that we fully and unconditionally accept the full authority of the engineer as the representative of the client on site and understand that any communications to the Municipality can only be done through the engineer, unless, otherwise instructed / authorized by the engineer. Any disputes between myself, the contractor, and the engineer will be dealt with by the project manager of the municipality working on the particular project.
13. I/We confirm that I/We am duly authorized to sign this contract.

Name (Print)

Capacity

Signature

Name of Company

Date

WITNESSES

1.

2.

Date:

C1.1 Form of Offer and Acceptance

C1.1.2 Annex 1

	Clause in GCC 2015	
Special Conditions	1.1	See Special Conditions of Contract of this document
Address of Employer	1.1.1.15	Mogale City Local Municipality, Department of Public Works, Roads and Transport P O Box 94 KRUGERSDORP 1740
Address of Engineer/Appointed Consultant	1.11.16	N/A
Address of Contractor	1.1.19	*
Amount of Suretyship/ Construction Guarantee	8.6	
Time within Construction Guarantee to be provided	5.3.2	
Duration of Guarantee	8.2.1	
Time within which Works to be Commenced	5.3	
Programme to be furnished within	5.6	
Special Risks Insurance& SASRIA	8.6.1.2	
Amount of Special Risks Insurance	8.6.1.2	
Minimum Amount of Liability Insurance	8.6.1.3	* per cent on the gross remuneration of the workmen and foreman actually engaged. * per cent on nett cost of materials actually used.
Daywork allowances	6.5.1.2.3	
Special non-working days	5.8.1	The period 16 December to 5 January inclusive, plus Good Friday, Human Rights Day, Freedom Day, Workers Day and Youth Day
Estimated Construction Period	5.1	
Amount of penalty	5.13	R 1 500-00 per calendar day to a max of 10% of the certified value of work.
Percentage advance on material not yet built into the Permanent Works	6.10.1.5	80 percent
Percentage retention	6.10.3	0% percent
Limit of retention money	6.10.3	0% percent of tender amount (excl VAT & contingencies & escalation if applicable) to be deducted from each payment certificate
Retention Money Guarantee	8.6.1.5	Not permitted

C1.1 Form of Offer and Acceptance

	Clause in GCC 2015	
Delivery of Contractor's final Statement	6.10.8	
Defects Liability Period	7.8	12 (twelve) months
Settlement of disputes to be by reference	10.7	Arbitration - Refer to clause Special Conditions of Contract
Contract Price Adjustment Schedule (only applicable to contracts of 12 months and longer)	6.8.2	Contract Price Adjustment Schedule (SAFCEC) MCLMfficients for calculating Contract Price Adjustment Factor: (Refer to Contract Data) x = 0,10 (General Engineering Works Routine) aLt (Labour)= 0,35 bPt (Plant) = 0,05 cMt (Material) = 0,55 dFt (Fuel) = 0,05 (Civil Engineering as per SEIFSA indices)
Price variation of Special Materials	6.8.3	As per Schedule

I/we declare that I/we completely waiver our right of Lien and that no property what so ever will be taken ownership off. The site and all applicable materials paid for in full, remain unconditionally the property of the municipality and I/we have at no Phase took ownership of such site and materials

**If the time of completion is not stated the Contractor should fill in.*

C1.1 Form of Offer and Acceptance

C1.1.3 FORM OF ACCEPTANCE

(To be completed by the Client – Mogale City Local Municipality on Tender Award)

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the Tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Tenderer's Offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

1. We in our capacities as:

Department

Name

Signature

Executive Manager:

Public Works,

Roads and Transport

Accept your tender under reference number: **PWRT (B&F) 06/2023: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN FOR A PERIOD OF THREE (3) YEARS** indicated hereunder and/or further specified in the SCHEDULE(s).

2. An official order/ Letter of Appointment indicating delivery instructions are forthcoming.
3. I undertake to make payment for the goods/works delivered/constructed in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice accompanied by the Payment Certificate.

Description	Contract Value (Incl. VAT) (Arithmetically Correct Tender Amount)	Construction Period 36 Months
REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN FOR A PERIOD OF THREE (3) YEARS.		

4. I confirm that I am duly authorized to sign this contract.

SIGNED ATON.....

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

WITNESSES

1.

2.

DATE

C1.1 Form of Offer and Acceptance

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five working days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

C1.1.3 Schedule of Deviations

Notes:

- 1. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender,
- 2. A Tenderer's covering letter shall not be included in the final contract document. Should any matter in such, letter, which constitutes a deviation as aforesaid become the subjects of agreements reached during the process of, offer and acceptance, the outcome of such agreement shall be recorded here,
- 3. Any other matter arising from the process from offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here,
- 4. Any change of addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the contract.

1 Subject

Details

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2 Subject

Details

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3 Subject

Details

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4 Subject

Details

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5 Subject

Details

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C1.1 Form of Offer and Acceptance

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

For the Tenderer:**Signature(s)****Name(s)****Capacity****Name and
Signature of
Witness**

(name and address of organisation)

Date:**For the Employer:****Signature(s)****Name(s)****Capacity****Name and
Signature of
Witness**

(name and address of organisation)

Date:

C1.2 Contract Data**PART C1: AGREEMENTS AND CONTRACT DATA****C1.2 Contract Data****C1.2.1 Part 1: Data Provided by the Employer**

The Conditions of Contract are the *General Conditions of Contract for Construction Works (2015)* published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (tel 011-805 5947).

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

REFERENCE TO:	CLAUSE	DATA
Contractor	1.1.1.9	Name:
		Address:
		Contact:
Contract Sum	1.1.1.10	Contract Sum" means the Price tendered by the Contractor and accepted by Mogale City Local Municipality
Employer	1.1.15	The name of the Employer is Mogale City Local Municipality
	1.2.1	<p>The address of the Employer is:</p> <p>Address (physical): Corner Commissioner and Market Street Krugersdorp</p> <p>Address (postal): P.O. Box 94 Krugersdorp 1740</p> <p>Telephone: (011) 951 2014/2177/2541</p> <p>Facsimile: (011) 660 9672</p> <p>e-mail: Maropeng.mokhatla@mogalecity.gov.za</p>
Project Manager	1.1.16	The name of the Department is Public Works, Roads and Transport.
	1.2.1	<p>Address (physical): President Building 38 President Street Krugersdorp</p> <p>Address (postal): P.O. Box 94 Krugersdorp 1740</p> <p>Telephone: (011) 951 2048 / 011 668 0733</p> <p>Facsimile: henk.spamer@mogalecity.gov.za</p> <p>e-mail: ronald.mangope@mogalecity.gov.za</p>

C1.2 Contract Data

REFERENCE TO:	CLAUSE	DATA
Functions of the Engineer	3.1	<p>If the Engineers is not the Mogale City Local Municipality, he is in terms of his appointment by the Employer, required to obtain the specific approval of the Employer for the execution of the following duties:</p> <ul style="list-style-type: none"> i) The issuing of an order to suspend the progress of the Works, the extra cost resulting from which order is to be borne by the Employer in terms of Clause 5.10, or the effect of which is liable to give rise to a claim by the Contractor for an extension of time under Clause 10 ii) The issuing of an order to vary the Works in terms of Clause 6.3, the estimated effect of which will be to increase the Contract Price by an amount exceeding R50 000, the valuation of a variation order in terms of Clause 37 and the adjustment of the Preliminary and General allowances in terms of Clause 6.4 iii) The approval of any claim by the Contractor.
Contractor's General Obligations	4	<p>Add to the clause:</p> <p>"All costs in complying with the provisions of complying with Clauses 4.8; 4.9; 4.10 and 4.11 shall be allowed for in the rates tendered"</p>
Workmen's Compensation	4.3	The Contractor shall also provide proof, that he has paid al contributions required in terms of the provisions of the Act.
Subcontracting	4.4	<p>Add the following:</p> <p>The Employer may, in order to avoid seizure by the owner, material supplier, subcontractor, at the Employer's option, pay to such owner, material supplier, subcontractor, the amount of any overdue instalment, or any other sum payable under the agreement for purchase or services, and, in the event of so doing, any amount so paid by the Employer shall be a debt due from the Contractor to the Employer, and may be deducted by the Employer from any money due, or that may become due, to the Contractor in terms of the Contract, or may be recovered by the Employer from the Contractor by law.</p> <p>The Retention money due to the Contractor will not be payable to the Contractor until all works are completed as per GCC 2015 and will only be paid to the Contractor once all cession, suppliers and subcontractors and any other payments due has been paid in full</p>
Patent Rights	4.6	<p>The following Sub-clause is added to Clause 4.6:</p> <p>"The copyright in all documents, drawings and records related to the purpose and scope of the Works or related in any other manner to the Works, shall vest in the Employer and the Contractor shall not furnish any information in connection with the Works to anybody without the approval of the Employer."</p>

C1.2 Contract Data

REFERENCE TO:	CLAUSE	DATA
Contractor's Superintendence	4.12	<p>Add the following new clause: The Contractor or his representative shall attend all site meetings with the Employer and / or Engineer on the dates as nominated by the Engineer. The purpose of the meetings shall be to evaluate the progress of work and to discuss the matters relevant to the contract as required by the parties concerned. Unless specifically invited by the Engineer, the Sub-contractors of the Contractor may not attend these site meetings.</p> <p>Add the following additional Clause 22.2 "The Tenderer is to fill in the names of the site agent and foreman in the space provided in Schedule E1."</p>
Commencement of the contract	5.2	<p>"Commencement Date" means the date of receipt by the Contractor of the following:</p> <ol style="list-style-type: none"> 1. Handover of Site

REFERENCE TO:	CLAUSE	DATA
Commencement of Works	5.3	<p>Within 14 days of Commencement Date On the commencement of Work (Site Handover) the Engineer shall deliver to the contractor 3 copies of the drawings. One copy of the signed contract document will be prepared after signing of the contract and delivered to the contractor to be kept on site at all times and be available to the Engineer or any person authorized by him.</p> <p>Additional copies of Drawings and Contract document will be for the cost of the Contractor.</p> <p>The Contractor shall, in accordance with the Engineer's instructions, maintain a register on the site of all Drawings and revisions thereof in the chronological order in which they are delivered to him.</p> <p>Add to the Clause Commencement of Work will only take place once the following documentation were submitted to the office of the Consulting Engineer: Letter of Acceptance Construction/Performance Guarantee Health & Safety File Letter of Appointment of OHS Rep or Officer Letter of Good Standing Workman's Compensation Prove of submission of Registration of Project at Department of Labour</p> <p>If active construction has not started within 14 days of site handover the Client, Mogale City Local Municipality reserves the right in terms of Clause 9.2.1.3.2 to terminate the contract and MCLM shall not be held liable for any loss or damages resulting from such a termination</p>
Access to the Site	5.4	<p>Site Handover Certificate to be given at Time of Site Handover.</p> <p>Add the following: The Contractor shall as far as possible, confine his operations to the limits of the areas made available to him by the Engineer, but if the land is insufficient for the needs of the work, the Contractor shall make his own arrangements with the owners or tenants concerned for whatever additional land he may require and pay all rent and other charges in connection therewith. The Contractor shall be responsible for all damages and shall indemnify the Employer against all claims which may arise.</p> <p>Add to the clause: The Engineer shall establish the basic reference pegs and benchmarks on the Site and give to the Contractor the particulars thereof in sufficient time to enable the Contractor to meet his approved programme.</p>
Programme	5.6	Within 7 days from date of Site Handover.
Special non-working days	5.8.1	The period 16 December to 5 January inclusive, plus Good Friday, Human Rights Day, Freedom Day, Workers Day and Youth Day

REFERENCE TO:	CLAUSE	DATA
Extension of time for completion	5.12	<p>In general, extension of time for the completion of Works will, in terms of the General conditions of Contract, be granted only for additional work and for circumstances which could not have been foreseen, and are beyond the control of the Contractor.</p> <p>No extension of time for completion will be granted on account of normal inclement weather, but extension of time shall be determined for abnormal rainfall or wet conditions in accordance with the formula given below, separately for each calendar month or part thereof. It shall be calculated for the full period for the completion of the Contract including any extension thereof by the formula:</p> $V = (Nw - Nn) + \frac{(Rw - Rn)}{X}$ <p>The symbols shall have the following meanings:</p> <p>V = Extension of time in calendar days in respect of the calendar month under consideration</p> <p>Nw = Actual number of days during the calendar month on which a rainfall of Ymm or more has been recorded.</p> <p>Nn = Average number of days, as derived from existing rainfall records provided in the table below on which a rainfall of Ymm or more has been recorded for the calendar month</p> <p>Rn = Average rainfall in mm for the calendar month, as derived from the rainfall records supplied in the table below.</p> <p>Rw = Actual rainfall in mm for the calendar month under consideration.</p> <p>X = 10</p> <p>Y = 10</p> <p>If V is negative and its absolute value exceeds Nn, then V shall be taken as equal to minus Nn.</p> <p>The total extension of time shall be the algebraic sum of the monthly totals for the period of construction, but if the grand total is negative the time for completion shall not be reduced due to abnormal low rainfall. Extensions of time for part of a month shall be calculated using pro rata values of Nn and Rn.</p> <p>The factor (Nw – Nn) shall be considered to represent a fair allowance for variations from the average number of days during which rainfall exceeds Ymm.</p> <p>The factor $\frac{Rw - Rn}{x}$ shall be considered to represent a fair allowance for variations from the average in the number of days during which rainfall had not exceeded Ymm, but wet conditions had prevented or had disrupted work. The formula does not take into account flood damage which could cause further or concurrent delays, and which should be treated separately as far as extension of time is concerned.</p> <p>Accurate rain gauging shall be taken at a suitable point on Site. This information shall be regarded as the actual rainfall for this contract. The readings will be done by the Engineer and the Contractor may attend these readings and shall at his own expense take all necessary precautions to ensure that the rain gauge cannot be interfered with by unauthorized persons.</p>

C1.2 Contract Data

REFERENCE TO:	CLAUSE	DATA
Penalty for Delay	5.13	To a maximum of R1500-00 per calendar day to a max of 10% of the certified value of work.
Completion	5.14	36 Months
Completion, Approval Certificates and Defects Liability Period	5.14	Add the following to this Clause: “... and a land surveyor’s certificate has been submitted certifying the presence and correctness of all erf and boundary pegs, where applicable.” Add the following: However, a Certificate of Completion will not be issued before the contractor hands over a consolidated Health and Safety file that shall include all the specified information.
Defects liability period	5.14.5.2 6.10.5.1	Add to Sub-Clause 5.14.5.2 “In the event of the Contractor not completing all the outstanding work within the period specified by the Project Manager and/or Engineer in terms of Clause 7.8, the Project Manager and/or Engineer shall have the right to extend the Period of Maintenance by the additional time taken by the Contractor to complete such outstanding work to the satisfaction of the Project Manager and/or Engineer. The full retention applicable to the Period of Maintenance shall apply to such extension.”
Security	6.2	Within 14 days of Letter of Appointment Add the following to the Clause: “The contract may be awarded to a Subsidiary Company on the condition that the Holding Company shall in addition to the Surety specified, assume responsibility for the due and proper performance of the Works and the fulfilment of the contract, should the Subsidiary Company be unable to do so.”
Performance Guarantee Sum	6.2	10 % of total contract amount excluding Contingencies, VAT for the full construction period.
Amendments to Schedule of Quantities and Scope Reduction	6.3	The extent of the Works that will be included under this contract will be determined by the availability of funds. Should the tender amounts exceed the available funds, the amounts will be adjusted and the extent of the works decreased. It is therefore emphasized that the tendered unit rates must be realistic and will not be affected should the quantities be adjusted. The rates under “Preliminary and General” will be adjusted proportionally with respect to tender and contract amounts. The tendered unit rates will remain applicable. The right to adjust the extent of the contract is, therefore, reserved by the Employer, but approval will be sought from the successful Tenderer before the contract is awarded.
Value of Variations	6.4	The cost of any Variations ordered in writing by the Engineer and the applicable rates must be accepted by the Engineer in writing prior to execution, in order to be accepted. Special reference will be given to the tendered rates and the wide interpretation of the term “similar conditions” in determining rates.
Daywork percentages	6.5.1.1	As tendered in Schedule of Quantities
Schedule of Quantities – Estimated quantities	6.7	Tenderer to note that all quantities supplied in Schedule of Quantities are estimated quantities and all items will be re-measured on site. Add to the clause: “An allowance equal to 100% of the task rate or daily rate shall be paid by the contractor to workers who attend formal training.”
Special Materials	6.8.3	As per Schedule of Special Materials

C1.2 Contract Data

REFERENCE TO:	CLAUSE	DATA
Vesting of Materials	6.9	Add to Sub-Clause 6.9.1.2 "The Contractor shall where practicable before delivery and, in any event not later than 24 hours after delivery to the site, inform the Project Manager and/or Engineer of any materials which are not his sole property."
Valuation of material brought onto site	6.9	Add to Clause 6.10.1.5 "Payment for materials on site will only be considered for those materials which are physically on site. Any statement in which a claim for materials on site is included, shall have attached a declaration that the materials listed in the statement are owned by the Contractor, accompanied by proof of ownership. The ownership of materials shall be transferred to the Employer in accordance with the pro forma "Transfer of Rights" bound in as an annexure to these Special Conditions of Contract".
Contract Price Adjustment (Only applicable to contracts of 12 months and longer)	6.8.2	The following values for the different factors are to be used as per SAFCEC guidelines: x = 0,10 (General Engineering Works) aLt (Labour) = 0,35 bPt (Plant) = 0,05 cMt (Material) = 0,55 dFt (Fuel) = 0,05 (Civil Engineering as per SETFSA)
Materials on Site	6.10.1.5	80% (Delivery Notes and Tax Invoices to be provided)
Claims Procedure	6.10.4	A strict interpretation is given to the time limits and procedures given in these clauses and any claim, which does not strictly comply with these requirements, will not be considered.
Retention Money	6.10.3	No interest will be paid on retention money
Retention Guarantee	6.10.3	A Retention Guarantee is not acceptable Add to the clause: 0% Retention will be deducted from each payment certificate. Retention will be reduced to 0% once Practical Completion Certificate is issued for the work.
Quality of Construction Equipment	7.1	Add to Sub-Clause 7.1.1 a) Details in writing of all Constructional Plant and Temporary Works which is brought onto site by, or on behalf of, the Contractor for the purpose of the Works, and which is hired, leased or the subject of hire-purchase agreements, together with the names of the hirers, lessors or owners thereof, shall be supplied to the Engineer by the Contractor. b) The Employer may, in order to avoid seizure by the hirer, owner or lessor, at the Employer's option, pay to such hirer, owner or lessor the amount of any overdue instalment, or any other sum payable under the agreement for hire, lease or hire purchase, and, in the event of so doing, any amount so paid by the Employer shall be a debt due from the Contractor to the Employer, and may become due, to the Contractor in terms of the Contract, or may be recovered by the Employer from the Contractor by law. c) Possession of all Constructional Plant and Temporary Works provided by sub-contractors shall be deemed to vest in the Employer immediately the same is brought onto site, and shall mutatis mutandis be subject to the provisions of the Clause hereinbefore contained. The Contractor shall ensure that the foregoing provision will be inserted in all sub-contractors.

C1.2 Contract Data

REFERENCE TO:	CLAUSE	DATA
Quality of materials and workmanship	7.2	Add to the Clause: "The source of supply of all materials including all stone, sand, gravel or soil or any other natural material required in the execution of the Works shall be located by the Contractor. No material shall be used until it has been approved by the Engineer. "
Defects liability period	7.8	12 Months
Insurances	8.6	Special consideration should be given to damage to existing infrastructure.
Other Insurances	8.6.1.2	Special Risk Insurance – SASRIA (coupon to be provided)
Limit of indemnity	8.6.1.3	R2 000 000 per claim, claims unlimited
Termination of Contract	9.1	In addition if the contractor fails to adequately protect the existing works / infrastructure against damage and thereby unduly endanger the Works – the employer may cancel the contract and recover damages and losses.
Dispute Resolution	10	Adjudication, Arbitration and the Court will be acceptable dispute resolution mechanisms

Table 1: Expected Number of Working Days Lost per Month Due to Normal Rainfall

(The Project Manager and/or Engineer reserves the right to update Table 1 with the latest data from the Weather Bureau from a weather station close to the Site of Works)

Month	Expected number of working days lost as result of normal rainfall	Average monthly rainfall (mm)
January	4	111.3
February	4	122.9
March	3	70.8
April	1	28.3
May	1	23.4
June	0	5.6
July	0	0.2
August	0	2.1
September	1	18.5
October	2	48.7
November	3	100.98
December	5	122.10
Total	24 days	654.9 mm

C1.2 Contract Data**C1.2.2 Part 2: Data Provided by the Contractor**

The Contractor is advised to read the *General Conditions of Contract for Construction Works (2015)*, published by the South African Institution of Civil Engineering, in order to understand the implications of this Data which is required to be completed. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (tel 011-805 5947).

Each item of data given below is cross-referenced to the clause in the Conditions of Contract to which it mainly applies.

CLAUSE	DATA									
1.1.9	The Contractor is. Name:									
1.2.1	The address of the Contractor is: Address (physical): Address (postal): Telephone: Facsimile: e-mail:									
6.8.3	<div> <div>The variations in the price of special materials:</div> <table border="1"> <thead> <tr> <th>Type of special material</th><th>Unit</th><th>Rate or price</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td></tr> <tr> <td> </td><td> </td><td> </td></tr> </tbody> </table> </div>	Type of special material	Unit	Rate or price						
Type of special material	Unit	Rate or price								

PART C1: AGREEMENTS AND CONTRACT DATA

C1.3 Forms of Securities

Forms for completion by the contractor

The following forms are to be completed by the Contractor after the tender has been awarded to the successful tenderer.

C1.3.1 Form of Guarantee

C1.3.2 Written Agreement on Occupational Health and Safety

C1.3.3 Written Agreement on Environmental Management

C1.3.4 Bond for Material on Site

C1.3.5 Ownership of Materials

The forms will be completed by the Contractor who will be instructed to do so in the Form of Acceptance. The completed forms will become part of the Contract.

The Form of Guarantee is a pro forma document. The Contractor will provide an original document, from a financial institution, with the same text within the same time stated in the Contract Data. Only a bank or approved insurance company or guarantee corporation is acceptable as guarantor.

C1.3 Forms of Securities

C1.3.1 Form of Guarantee

Pro-Forma Performance Guarantee

For use with the General Condition of Contract for Construction Works, Second Edition, 2015.

Guarantee Details and Definitions

“Guarantor” means:

Physical address:

“Employer” means: **MOGALE CITY LOCAL MUNICIPALITY**

“Contractor” means:

“Works” means:

“Site” means:

“Contract means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

“Contract Sum” means: The accepted amount inclusive of tax of R.....

Amount in words:

“Guaranteed Sum” means: The maximum aggregate amount of R.....

Amount in words:

“Expiry Date” means:

Contract Details

Project Manager

and/or Engineer

issues: Interim Payment Certificates, Final Payment Certificate and the Certificate Completion of the Works as defined in the Contract.

Performance Guarantee

1. The Guarantor’s liability shall be limited to the amount of the Guaranteed Sum.
2. The Guarantor’s period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the Expiry Date or the Date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
3. The Guarantor hereby acknowledges that:
 - 3.1. any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a Surety ship;
 - 3.2. its obligation under this Performance Guarantee is restricted to the payment of money.
4. Subject to the Guarantor’s maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1. A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Engineer in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;

C1.3 Forms of Securities

- 4.2. A first written demand issued by the Employer to the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3. A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
 - 5.1. the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
 - 5.2. a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
 - 5.3. the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
7. Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund this Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall interest at the prime overdraft of the Employer's back compounded monthly calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
8. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first demand to the Guarantor.
9. Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.
10. The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantee shall not have the right to claim his release from the Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
11. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in the connection herewith.
12. This performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
13. This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
14. Where this Performance Guarantee is issued in the republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act no 32 of 1944, as amended, to the jurisdiction of the Magistrate's court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

C1.3 Forms of Securities

15. Our total liability hereunder shall not exceed the sum of
.....(R.....).

16. We hereby choose domicilium citandi et executandi for all purposes arising hereof at
.....

IN WITNESS WHEREOF this guarantee has been executed by us at on this
..... day of 20.....

Signed at: Date:

Guarantor's Signatory (1):

Capacity:

Guarantor's Signatory (2):

Capacity:

C1.3.2 Written Agreement on Occupational Health and Safety

Gauteng Provincial Government, Mogale City LM and the Contractor hereby agree, in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act 1993 (Act 85 of 1992, hereinafter referred to as the Act), that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act, namely:

- a) The Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all the relevant provisions of the Act and the regulations promulgated in terms of the Act and Gauteng Provincial Government, Mogale City LM Safety Precautions and Health and Safety Instructions included in the contract documents.
- b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and Regulations and Gauteng Provincial Government, Mogale City LM safety Precautions and Health and Safety Instructions included in the contract documents will be fully complied with.
- c) In relation to any work or activity performed by the Contractor, his workmen or any other person for whose acts or omissions the Contractor is responsible in terms of the Contract, the Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations and expressly absolves Gauteng Provincial Government, Mogale City LM from itself being obliged to comply with any of the foresaid duties, obligations and prohibitions.
- d) The Contractor agrees that any duly authorized officials of the council shall be entitled, although not obliged, to take such steps as may be necessary to ensure that the Contractor has complied with his undertakings as set out more fully in paragraphs (a) and (b) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or to inspect any appropriate records held by the Contractor.
- e) The Contractor shall be obliged to report forthwith in writing to the Engineer/Architect full details of any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and Regulations, pursuant to work performed in terms of this Contract.

The Employer and Contractor hereby agree, in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No.85 of 1993, hereinafter referred to as "the Act", that the contractor as an employer in its own right and in its capacity as contractor for the execution of the works, shall have certain obligations and that the following arrangement shall apply between them to ensure compliance by the contractor with provisions of the Act, namely:

C1.3 Forms of Securities

- a) The contractor undertakes to acquaint the appropriate officials and the employees of the contractor with all relevant provisions of the Act, and the regulation promulgated in terms of the Act, and
- b) The contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and regulations will be fully complied with, and
- c) The contractor hereby accepts sole responsibility for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and regulations and expressly absolves the employer and the employer's consulting engineers from being obliged to comply with any of the aforesaid duties, obligations and prohibitions in respect of the work included in the contract.
- d) The contractor shall be obliged to report forthwith to the employer any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and regulations pursuant to work performed on behalf of the employer, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charges.
- e) The Employer recognizes the right of each employee to work safely in a healthy environment under decent human conditions. Each employee has the right to return home safely and healthy to his home and family after each day's work.
- f) Work should not be done at the expense of human safety or health.
- g) Work shall be executed under humane conditions, especially with reference to hours and H&S issues in mind.
- h) The PC shall appoint a fulltime H&S Manager should he have more than 50 employees on site. A fulltime Safety Representative shall be present on site for 50 employees or less

.....
On Behalf of Mogale City Municipality

.....
Date

Witnesses 1.

2......

.....
For The Contractor

.....
Date

Witnesses 1.

2......

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Regulation 3 of the Construction Regulations, 2003

NOTIFICATION OF CONSTRUCTION WORK

- 1.(a) Name and postal address of principal contractor:
-
- (b) Name and tel. no of principal contractor's contact person:
-
- (c) Principal contractor's compensation registration number:
- 2.(a) Name and postal address of client:
-
- (b) Name and tel no of client's contact person or agent:
-
- 3.(a) Name and postal address of designer(s) for the project:
-
- (b) Name and tel. no of designer(s) contact person:
-
- 4.(a) Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6.(1).
-
- (b) Name/s of principal contractor's sub-ordinate supervisors on site appointed in terms of regulation 6.(2).
-
5. Exact physical address of the construction site or site office:
-
6. Nature of the construction work:
-
7. Expected commencement date:
8. Expected completion date:
9. Estimated maximum number of persons on the construction site.
10. Planned number of contractors on the construction site accountable to principal contractor:
-

C1.3 Forms of Securities

11. Name(s) of contractors already chosen.

.....
.....
.....

.....
Principal Contractor Date

.....
Client Date

THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.

ALL PRINCIPAL CONTRACTORS THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK

C1.3 Forms of Securities

C1.3.3 Agreement to Accept the Conditions of the Environmental Management Plan Pertaining to This Project

Whereas (the Contractor)

*Company Registration No:

Address:

a * Company incorporated with limited liability according to the company laws of the Republic of South Africa, *Partnership, *Close Corporation, * Public Company (hereinafter called the contractor), represented herein by in his capacity as duly authorized hereto by a articles of association, resolution, power of attorney, or otherwise as duly signed and declared in Form F.2 of this document.

Do hereby agree that the following arrangements and procedures shall apply to the abovementioned Contractor to ensure compliance with the provisions of the Environmental Management Plan (EMP), namely:

- a) The Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all the relevant provisions of the EMP, the regulations and conditions in terms of the EMP.
- b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the EMP and the instructions of the duly authorized Environmental Officer, enforcing the conditions of the EMP, will be fully complied with.
- c) In relation to any work or activity performed by the Contractor, his workmen or any other person for whose acts or omissions the Contractor is responsible in terms of the Contract, the Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the EMP and expressly absolves the Dept. of Housing from itself being obliged to comply with any of the foresaid duties, obligations and prohibitions.
- d) The Contractor shall be obliged to report forthwith in writing to the Engineer full Details of any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the EMP, pursuant to work performed in terms of this Contract.

.....
For The Contractor

.....
Date

Witnesses 1.

2.

C1.3 Forms of Securities

C1.3.4 Bond for Material on Site

Contract No:

Employer:

Contractor:

Description of Contract:

I/We, the undersigned, **(Bank or Insurance Company)**
do hereby bind ourselves as surety and co-principal debtors in solidum for compensating the Employer where the ownership of material for some reason or other cannot pass to the Employer, or the Employer by law is expected to pay a third party to obtain ownership of material in spite of the fact that the Employer paid the Contractor as per clause 62(1)(b) of the general conditions of contract, and for all losses, damages, and expenses that may be suffered or incurred by the Employer as a result of payment for material on site, renouncing all benefits from the legal exceptions ordinis seu excussionis et divisionis "no value received" and all other exceptions which might or could be pleaded against the validity of this guarantee, with the meaning and effect of which exceptions we declare ourselves to be fully acquainted; provided that the liability of the undersigned under this guarantee is limited to (specify amount of bond)

.....
..... (R.....) and will
lapse on the issue of the completion certificate in terms of the Contract, unless the surety is advised in writing by the Employer before issue of the said certificate of his intention to institute claims and the particulars thereof, in which event this guarantee shall remain in force until all such claims are paid or settled.

For and on Behalf of **(Surety)**

AT on this day of 20.....

.....
Capacity

Full Address:

.....

.....

As Witnesses:

1.

2.

*Delete whichever is inapplicable

C1.3.5 Ownership of Materials

Contract No:

Employer:

Contractor:

Description of Contract:

In order to facilitate payment for material on site in terms of clause 6.4.1 of the general conditions of contract, it is hereby confirmed that, although materials may have been supplied on credit to the above named Contractor, ownership of such materials, when delivered will vest with the Contractor.

In the event therefore of such materials being delivered on site or any authorized extended site, ownership thereof will then vest with the Employer in terms of clause 8.6.1 of the said general conditions of contract.

For and on Behalf of **(Surety)**

AT on this day of 20.....

.....
Capacity

Full Address:

.....

.....

As Witnesses:

1.

2.

.....
Signature

Signatories for companies must establish their authority by attaching a copy of the relevant resolution of the board of directors, duly signed and dated, to this form.

MOGALE CITY LOCAL MUNICIPALITY



THE CONTRACT:

PART C2: PRICING DATA

PART C2: PRICING DATA

C2.1 Pricing Instructions

Note: Only firm prices will be accepted. Non-firm prices (including prices subject to rates of exchange variations) will not be considered

Name of tenderer.....Tender number: _____

Offer to be valid for...**120**.....days from the closing date of tender.

1. Supply, Delivery & Construction/Installation and/or Commissioning of:
Works as detailed in the Scope of Work and priced in the Schedule of Quantities included hereafter for the “REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES FOR A PERIOD OF THREE YEARS ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

Required by: **Mogale City Local Municipality**

At: **Krugersdorp**

Does offer comply with specification? **YES/NO**

If not to specification, indicate deviation(s) in: **Schedule A**

Any enquiries regarding the tendering procedure may only be directed to:

Ofentse Matsose

Tel: (011) 951 2177/2541

Mrs. Maropeng Mokhatla

Supply Chain Management

KRUGERSDORP

Tel: 011 951 2541

Or

For Technical Information:

Ronnie Mangope or Henk Spamer

Tel: 011 668 0733 or 011 951 2048

Preamble to Schedule of Quantities

1. The general conditions of contract, the special conditions of contract (if any), the specifications (including the project specification) and the drawings (if any) are to be read in conjunction with the schedule of quantities.
 - 1.1. Those parts of the contract to be constructed using labour-intensive methods have been marked in the Schedule of Quantities (SQ) with the letters LI in a separate column filled in against every item so designated. The works, or part of works so designated are to be constructed using labour-intensive methods only. The use of plant to provide such works, other than plant specifically provided for in the Scope of Works, is a variation to the contract. The items marked with the letters LI are not an exhaustive list of all the activities which must be done by hand and those clauses do not over-ride any of the requirements in the SANS 1921: 2005.
 - 1.2. Payment for items which are designated to be constructed labour-intensively (either in the SQ or in the Scope of Works or Project Specifications) will not be made unless they are constructed using labour-intensive methods. Any unauthorized use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.
2. For the purposes of this schedule of quantities, the following words shall have the meaning hereby assigned to them:

Unit: The unit of measurement for each item of work as defined in the specifications.

Quantity: The number of units of work for each item.

Rate: The payment per unit of work for which the tenderer tenders to do the work.

Amount: An amount tendered for an item, the extent of which is described in the schedule of quantities, the specification or elsewhere, but of which the quantity of work is not measured in units.

“LI” Labour Intensive methods to be used in accordance with Project Specifications

3. The quantities set out in the schedule of quantities are only approximate quantities. The quantities of work finally accepted and certified for payment, and not the quantities given in the schedule of quantities, will be used to determine payments to the contractor.

The validity of the contract shall in no way be affected by differences between the quantities in the schedule of quantities and the quantities finally certified for payment. Work shall be valued at the rates or lump sums tendered, subject only to the provisions of the general conditions of contract.

4. Rates and lump sums shall include full compensation for overheads, profits, incidentals, tax (**except for Value Added Tax**), etc. and for the completed items of work as specified. Full compensation for completing and maintaining, during the maintenance period, all work shown on the drawings and specified in the specifications, and for all the risk, obligations and responsibilities specified in the general conditions of contract, special conditions of contract and the project specifications shall be considered as provided for collectively in the items of payment given in the schedule of quantities, except in so far as the quantities given in the schedule of quantities are only approximate.
5. The tenderer shall fill in a rate or a lump sum for each item where provision is made for it, - this includes rate only items. Items against which no rate or lump sum has been entered in the tender will not be paid for when the work is executed, as payment for such work will be regarded as being covered by other rates or lump sums in the schedule of quantities.

Please only complete rates and totals for those items that have entries in the quantity column – this include “rate only” items

The tenderer shall fill in a rate against all items where the words "rate only" appears in the amount column. Although no work is foreseen under such item and no quantities are consequently given in the quantity column, the tendered rate shall apply should work under this item actually be required. Tenderers should note the provisions of paragraph 12 of this preamble.

If the tenderer should group a number of items together and tender one lump sum for such group of items and not to each individual item, or should he indicate that full compensation for any item has been included in the rate for another item, the rate for the item included in another item shall be deemed to be nil.

The tendered lump sum and rates shall be valid irrespective of any change in the quantities during the execution of the contract.

Preliminary & General Section may not be tendered as a lump sum. A tender may be disqualified if the P&G Section is tendered as a lump sum.

6. The works executed are measured for payment in accordance with the methods described in the contract documents under the various payment items.
7. The amount of work or the quantities of material stated in the schedule of quantities shall not be considered as restricting or extending the amount of work to be done or the quantity of material to be supplied by the contractor.
8. The statement of quantities of material or amount of work in the schedule of quantities shall not be regarded as authorization for the contractor to order material or to execute the work. The contractor shall obtain the engineer's detailed instructions for all work before ordering any materials or executing work or making arrangements in this regard.
9. The short description of the payment items in the schedule of quantities is only given to identify the items and to provide specific details. Reference shall inter alia be made to the drawings, project specifications, general conditions of contract and special conditions of contract for more detailed information regarding the extent of work entitled under each item.
10. The provisions of Clause 48 of the general conditions of contract shall apply to provisional sums and prime cost sums.
11. Subject to the conditions stated in paragraph 12 below, the rates and lump sums filled in by the tenderer in the schedule of quantities shall be final and binding, and may not be adjusted should there be any mistakes in the extensions thereof and in the amounts, appearing in the tender. Should there be any discrepancies between the tender sum and the correctly extended and totalled schedule of quantities, the rates will be regarded as being correct, and the employer shall have the right to make adjustments to the tender sum to reconcile the tender sum with the total of the schedule of quantities. Under no circumstances will tendered rates be adjusted when such errors are corrected. In such an event the contractor will be consulted but, failing agreement between the parties, the decision of the employer shall be final and binding. Adjustment of the tender sum will take place only after acceptance of the tender, but prior to the signing of the contract. In their own interest tenderers must make doubly sure of the correctness of their tendered rates, the extensions and the tender sum.
12. A tender may be rejected if the unit rates or lump sums for some of the items in the schedule of quantities are, in the opinion of the employer, unreasonable or out of proportion, and if the tenderer fails, within a period of seven (7) days of having been notified in writing by the employer to adjust the unit rates or lump sums for such items, to make such adjustments.
13. The units of measurement indicated in the schedule of quantities are metric units. The following abbreviations are used in the schedule of quantities:

C2.1 Pricing Instructions

mm	=	millimetre	kl	=	kiloliter
m	=	meter	kg	=	kilogram
km	=	kilometre	t	=	ton (1 000 kg)
m ²	=	square meter	No	=	number
ha	=	hectare	%	=	per cent
m ³	=	cubic meter	P C sum	=	prime cost sum
l	=	litre	prov sum	=	provisional sum
mm	=	millimetre	kl	=	kiloliter

14. All rates and sums of money quoted in the schedule of quantities shall be in Rands and whole cents. Fractions of a cent shall be discarded.
15. The schedule of quantities shall be completed in **BLACK INK. Tenders where the Schedule of Quantities is completed in pencil, WILL be disqualified.**
16. All prices and rates shall exclude value added tax (VAT). The Tenderer shall calculate VAT and enter it as the end of the Summary of the Schedule of Quantities

An electronic copy of the Schedule of Quantities will be made available by contacting Mogale City Supply Chain Management. It is a requirement that the original yellow pages contained in the tender document must still be completed in black ink. A tender will be disqualified if only a printed copy of the Schedule of Quantities is submitted

The quantities in the Bill of Quantities are estimates only (Provisional and Re-measurable) and will only be used as a guide by MCLM. The actual quantities will be determined by the works required by MCLM to be performed as instructed to the contractor by means of a Work Order.

Once the works order is approved, the contractor has 24 hours for PLANNED and/or UNPLANNED maintenance work, and for EMERGENCY maintenance work has 1 hour(s) to commence the work.

Written quote(s) will be provided for all unscheduled/unspecified work prior to the commencement of that work and will include (if appropriate) costs of materials, costs of labour and any other considerations on the Bills of Quantities (Contingencies, Provisional Sum, etc) and Mogale City's Project Manager approves such quotation(s).

PART C2: PRICING DATA

C2.2 Bill of Quantities

C2.2.1 Bill of Quantities Contents

- 1 PRELIMINARY & GENERAL - SANS 1200A
- 2 PLUMBING AND DRAINAGE (PROVISIONAL)
- 3 RAINWATER DISPOSAL
- 4 SANITARY FITTINGS
- 5 WATER SUPPLIES, ETC
- 6 MAINTENANCE OF EXISTING WATER SUPPLY AND FITTINGS
- 7 TILING - SANS 10400
- 8 DEMOLITIONS, REMOVALS AND ALTERATIONS

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
1	<u>BILL No 1 :</u> <u>PRELIMINARY & GENERAL - SANS 1200A</u> All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete. <u>Contractual requirement (As described in section C3)</u> General items Budgetary Allowance: For unscheduled or non-schedule items which are not specified in the Bills of Quantities (Determined by the Mogale City Local Municipality). Health & safety requirements which includes all personal protective equipment (PPE) and clothing as required by OHS Act No.85 of 1993 (Determined by the Mogale City Local Municipality). Site Establishment: includes but not limited to Office and storage; Ablution and toilet facilities on site and elsewhere; Water supplies, electric power and communication; Tools and equipment; Dealing with water; Plant for clearing site and excavations in all materials; Plant for transportation of plant; Other Fixed Charge Obligations; Removal of Site Establishment; ETC...(Determined by the Mogale City Local Municipality). Administrative Tools, Equipment, Resources, etc. for MCLM employees ONLY. Kilometer rate for LDV Training: Accredited and approved training courses to be determined by Mogale City Local Municipality Work done between Monday and Friday from 7:30am to 4pm shall be paid as per quoted rate for that particular item. Overtime after normal working hours during weekdays and Saturdays			
1,1	Budgetary Allowance: For unscheduled or non-schedule items which are not specified in the Bills of Quantities (Determined by the Mogale City Local Municipality).	Psum	1,00	R 1 000 000,00
1,2	Health & safety requirements which includes all personal protective equipment (PPE) and clothing as required by OHS Act No.85 of 1993 (Determined by the Mogale City Local Municipality).	Psum	1,00	R 200 000,00
1,3	Site Establishment: includes but not limited to Office and storage; Ablution and toilet facilities on site and elsewhere; Water supplies, electric power and communication; Tools and equipment; Dealing with water; Plant for clearing site and excavations in all materials; Plant for transportation of plant; Other Fixed Charge Obligations; Removal of Site Establishment; ETC...(Determined by the Mogale City Local Municipality).	Psum	1,00	R 500 000,00
1,4	Administrative Tools, Equipment, Resources, etc. for MCLM employees ONLY.	Psum	1,00	R 200 000,00
1,5	Kilometer rate for LDV	km	1,00	R 6,00
1,6	Training: Accredited and approved training courses to be determined by Mogale City Local Municipality	Psum	1,00	R 300 000,00
	Work done between Monday and Friday from 7:30am to 4pm shall be paid as per quoted rate for that particular item.			
	Overtime after normal working hours during weekdays and Saturdays			
1,7	Artisan Plumber	Hour	1,00	Rate Only
1,8	Assistant Artisan Plumber	Hour	1,00	Rate Only
	Overtime during Sundays and public holidays			

TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

Part C3: Scope of Work

1,9	Electrical Plumber	Hour	1,00	Rate Only
1,10	Assistant Artisan Plumber	Hour	1,00	Rate Only
	Call out rates will apply as follows:- Call out fee will be forfeited when the quote/order is approved. Call out rates will not apply to requests for quotations as part of planned works. Normal call out rates will apply for emergencies and unplanned/scheduled work. After hour call out and labour rates will only apply after 16:00			
1,11	Call out fee	No	1,00	R
1,12	Specialised Machinery, Plant and Equipment etc	Psum	1,00	R 120 000,00
1,13	CoC Certificate:	Item	1,00	R
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (SECTION 1 P&G's ONLY)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
2	<p><u>BILL No 2 :</u></p> <p><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></p> <p>All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Vitrified clay pipes etc</p> <p>Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid</p> <p>uPVC pipes and fittings</p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed uPVC pressure pipes and fittings</p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p> <p>Copper pipes</p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground</p>			

<p>Reducing fittings</p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p> <p>Wire gratings</p> <p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p> <p>Exposed concrete surfaces</p> <p>Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster</p> <p>Excavations</p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the project manager thereof prior to backfilling</p> <p>Soft rock and "hard rock" shall be as defined in "Earthworks"</p> <p>Laying, backfilling, bedding, etc of pipes</p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:</p> <p>SABS 1200 L : Medium-pressure pipelines</p> <p>LD : Sewers</p> <p>LE : Stormwater drainage</p> <p>Pipe trenches etc shall be backfilled in accordance with SABS 1200</p> <p>DB : Earthworks (Pipe trenches)</p> <p>LB : Bedding (Pipes).</p> <p>Unless otherwise described bedding of rigid pipes shall be class B</p>			
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TENDER NO: PWRT (B&F) 06/2023

TENDER: REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES ON AN AS AND WHEN REQUIRED FOR A PERIOD OF THREE (3) YEARS.

Part C3: Scope of Work

	bedding Flush pans Flush pans shall have straight or side outlets and "P" or "S" traps as necessary Stainless steel basins, sinks, wash troughs, urinals, etc Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable Waste unions Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings			
CARRIED FORWARD				N/A

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
	<u>BILL No 3 :</u>			
3	<u>RAINWATER DISPOSAL</u>			
	All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.			
	0.6mm Galvanised sheet iron with "Chromadek" or similar approved finish one side			
3,1	100 x 125mm Eaves gutters with beaded front edge	m	1,00	R
3,2	Extra over eaves gutter for corner	No	1,00	R
3,3	Extra over eaves gutter for angle	No	1,00	R
3,4	No Extra over eaves gutter for outlet for 100 x 75mm diameter pipe	No	1,00	R
3,5	100 x 75mm Rainwater down pipes	m	1,00	R
3,6	Extra over rainwater pipe for 500mm eaves offset	No	1,00	R
3,7	Extra over rainwater pipe for shoe	No	1,00	R
	Fullbore cast iron outlets			
3,8	110mm 90 Degree side outlet	No	1,00	R
	uPVC pipes			
3,9	110mm Diameter rainwater pipes fixed to concrete columns	m	1,00	R
3,10	50mm Diameter x 300mm long spout pipe	No	1,00	R

	Extra over for uPVC for fittings			
3,11	110mm Bend	No	1,00	R
	<u>STORMWATER DRAINAGE</u>			
	Work in connection with existing			
3,12	Search, locate and break into existing manhole or stormwater drain for connection of new 450mm pipe, including breaking up existing benching, cast new benching to suit new configuration, making good to manhole	No	1,00	R
	Class 50D concrete pipes			
3,13	450mm Pipes laid in and including trenches not exceeding 1000mm deep	No	1,00	R
	Filling, etc.			
3,14	Selected fill material compacted to 90% modified AASHTO density in uniform layers and sides of pipe	m ³	1,00	R
3,15	G7 material supplied by the contractor compacted in uniform layers to 90% modified AASHTO density	m ³	1,00	R
	Extra over all excavations for carting away			
3,16	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	1,00	R
	Excavate for and build stormwater catchpit size 600 x 600mm deep internally with one brick sides in engineering bricks on and including class 20/19 concrete floor slab 150mm thick with wire ref.193 reinforcing, benching up bottom in class 20/19 concrete with concrete finished smooth with steel float with 600 x 600mm wide cast iron stormwater grating and frame bedded elsewhere measured) into concrete surround complete, including all framework, reinforcing, backfill, compacting etc.			
3,17	Stormwater catchpit not exceeding 1000mm deep.	No	1,00	R

	Gratings, covers, etc.			
3,18	600 x 600mm Medium duty cast iron stormwater grating and frame	No	1,00	R
3,19	275 x 275 mm x 9 kg single seal manhole cover and frame	No	1,00	R
3,20	275 x 275 mm x 9 kg single seal manhole cover only	No	1,00	R
3,21	450 x 600 mm x 45 kg single seal manhole cover and frame	No	1,00	R
3,22	450 x 600 mm x 45 kg single seal manhole cover only	No	1,00	R
3,23	600 x 600 mm x 63 kg single seal manhole cover and frame	No	1,00	R
3,24	600 x 600 mm x 63 kg single seal manhole cover only	No	1,00	R
3,25	450 x 600 mm x 72 kg double seal manhole cover and frame	No	1,00	R
3,26	450 x 600 mm x 72 kg double seal manhole cover only	No	1,00	R
3,27	600 x 600 mm x 124 kg double seal manhole cover and frame	No	1,00	R
3,28	600 x 600 mm x 124 kg double seal manhole cover only	No	1,00	R
3,29	550 mm Diameter x 176 kg roadway type manhole cover and frame	No	1,00	R
3,30	550 mm Diameter x 176 kg roadway type manhole cover only	No	1,00	R
	Supply concrete manholes covers and frames (SANS 1882 of 2003)			
3,31	610 mm Circular concrete manhole cover.	No	1,00	R
3,32	700 mm frame for above cover.	No	1,00	R
3,33	450x600 (8ton) Rectangular concrete manhole cover.	No	1,00	R

3,34	575x720 Rectangular concrete frame for above cover	No	1,00	R
3,35	670x530 Rectangular concrete manhole cover	No	1,00	R
3,36	760x620 Rectangular concrete frames for above cover.	No	1,00	R
	Storm water			
3,37	Supply precast stormwater kerb inlets as supplied by 'BLITZ CONCRETE INTERNATIONAL or similar SABS approved	No	1,00	R
	Stormwater headwall			
3,38	Bellmouth shaped headwall to suit 450mm diameter pipe, overall size 3000 x 1200mm, formed of 150mm thick conc rete base and 150 x 600mm deep front edge beam with Ref. 193 mesh reinforcement, splitter block at outlet 1380 x 150 x 150mm high, one brick headwall 1380 x 900mm high built around pipe and two wing walls, each 1380mm long x average 550mm high, walls finished with facings both sides and brick on edge header course on top including necessary formwork, excavation and filling, etc	No	1,00	R
	Precast concrete channels			
3,39	460 x 170mm Channels with 310 x 110mm deep segmental channel	m	1,00	R
	Soil Drainage			
3,40	Excavation not exceeding 2m deep for drain trenches	m ³	1,00	R
3,41	Backfilling to drain trenches compacted to 95% Mod AASHTO density	m ³	1,00	R
3,42	19mm Crushed stone encasing to pipes	m	1,00	R
3,43	Geofabric filter blanket wrapped around agricultural pipes m with 50mm side and 300mm end laps including stitching	m	1,00	R
3,44	Geofabric filter blanket wrapped around stone encasing with 150mm side and 300mm end laps including stitching	m	1,00	R
3,45	Slotted uPVC agricultural pipes laid in stone encasing	m	1,00	R

3,46	"Santar" perforated pitch fibre pipes laid in stone encasing	m	1,00	R
	UPvC			
3,47	110mm Pipes vertically or ramped to cleaning eyes etc (no excavation)	m	1,00	R
3,48	110mm Pipes laid in and including trenches not exceeding 1 m deep	m	1,00	R
3,49	110mm Pipes laid in and including trenches exceeding 1 m not exceeding 2m deep	m	1,00	R
	UPvC			
3,50	110mm Bend	No	1,00	R
3,51	110mm Inspection bend	No	1,00	R
3,52	110mm Rodding eye	No	1,00	R
3,53	110mm Inspection junction	No	1,00	R
3,54	110mm Junction	No	1,00	R
3,55	110mm Gulley trap with gulley head and precast surround	No	1,00	R
	Work in connection with existing			
3,56	Search, locate and break into existing manhole not exceeding 2m deep for connection of new 160mm pipe, including breaking up existing benching, cast new benching to suit new configuration, making good to manhole and all pipe fittings as necessary and concrete encasement to vertical pipe, etc.	No	1,00	R
3,57	HDPE class 12 drain pipes, including butt welded joints, electroweld couplings and expansion joints to 'Geberit' specification in the running lengths			
3,58	110mm Pipes vertically or ramped to cleaning eyes etc	m	1,00	R
3,59	110mm Pipes laid in and including trenches not exceeding 1 m deep	m	1,00	R

3,60	160mm Diameter pipes laid in earth or earth filling not exceeding 1000mm deep	m	1,00	R
3,61	160mm Diameter pipes laid in earth or earth filling exceeding 1000 and not exceeding 2000mm deep	m	1,00	R
Extra over HDPE pipes for fittings				
3,62	110mm Rodding eye	No	1,00	R
3,63	110mm Bend	No	1,00	R
3,64	110mm Inspection bend	No	1,00	R
3,65	110mm Inspection junction	No	1,00	R
3,66	110mm Junction	No	1,00	R
3,67	160mm Bend	No	1,00	R
3,68	160mm Access bend	No	1,00	R
3,70	160m Junction	No	1,00	R
3,71	160mm Reducing junction	No	1,00	R

	Excavate for and build circular manhole with 900 mm internal diameter precast concrete splay rebated rings not less than 65 mm thick in suitable widths to suit invert bedded and jointed with epoxy filled joints and reduced with factory made reducer slab, including steel polypropylene encapsulated step irons, on and including 100 mm thick reinforced concrete 20 MPa (19 mm stone) bottom with Ref No 311 mesh reinforcement and fitted with cover and frame (cover elsewhere) cast into and including 125 mm reinforced concrete 20 MPa (19 mm stone) cover slab, steel trowelled smooth on all exposed surfaces, the bottom benched up in fine concrete 15MPa (8 mm stone) and finished smooth in 1 :1 cement plaster around channels (channels elsewhere measured),			
3,72	Manhole not exceeding 1000mm deep to invert	No	1,00	R
3,73	Manhole exceeding 1000 and not exceeding 2000mm deep to invert	No	1,00	R
	Sundries			
3,74	Testing drainage pipe system	Item	1,00	R
	Borehole			
3,75	Drilling, testing, installation, repairs, servicing and maintenance of boreholes	Psum	1,00	R 200 000,00
	Mobile/Portable Toilets			
3,76	Construct, supply and instatation of VIP Toilets	Psum	1,00	R 100 000,00
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 3 : RAINWATER DISPOSAL, ETC)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
4	<p><u>BILL No 4 :</u></p> <p><u>SANITARY FITTINGS AND DRAINAGE</u></p> <p>All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.</p> <p>Stainless steel</p> <p>Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be type 304 (18/10) or equivalent</p> <p>Supply and installtion of sanitary and brassware complete (All fittings and extras) including chasing and/or building into walls and reinstalling of exisitng surfaces such as floors, walls, ceilings, etc., etc., testing, cleaning, commissioning and hand-over.</p> <p><u>SINKS, BOWLS, WASHTROUGH ETC</u></p>			
4,1	Single bowl sink 460 x 1200mm long fitted in top (elsewhere)	No	1,00	R
4,2	Standard double bowl sink 1850 x 650 x 1060mm high	No	1,00	R
4,3	Franke Surround Wall Mount Basin 390x322x600mm with a 150mm splash back manufactured from Grade 304 (18/10) Stainless Steel 1.2mm gauge in a satin finish.	No	1,00	R
4,4	'Franke Grade 304 18/10" Stainless steel SIRX washtrough 500 x 450 x 240mm deep with slanted ribbed front site for scrubbing, PVC waste and plug with handle, fitted to wall on a pair of stainless steel brackets (code: 300367) pop-riveted to flange.	No	1,00	R
4,5	Concrete Double Bowl Wash Tub	No	1,00	R
	<u>VAAL CISTERN OR EQUIVALENT</u>			
4,6	Hibiscus 772654/772656 Closed coupled white vitreous china pan with P trap complete and preparation for flushing valve (elsewhere) and matching flush pipe and heavy duty white double flap seat	No	1,00	R
4,7	Hibiscus code 431500/431600" paraplegic wc suite comprising pan with double flap heavy duty	No	1,00	R

	plastic seat and 9 litre cistern with side paraplegic side flush lever			
4,8	Vitreous china "Orchid" back inlet (code 439016) 90° wall hung open rim pan with Styline or equal and approved white PVC seats including Geberit or equal and approved concealed cistern with matt chrome plated Bolero Actuator plate.	No	1,00	R
4,9	Vitreous china wall hung "Sweetpea urinal size 565 x 275 x 310 mm with top inlet (code 705126) with Cobra FJ6000 Flushmaster or equal and approved with FJT 5.5 flushpipe including a 38 mm chrome plated domical grating, a spreader with a 20 mm diameter thread, two hanger brackets.	No	1,00	R
	Cistern			
4,10	White, wall-mounted , CL	No	1,00	R
4,11	White, wall-mounted, Plastic	No	1,00	R
4,12	White, wall-mounted, Vitreouss china	No	1,00	R
	Water Closet			
4,13	SABS approved WC with iron built-in frame,"Flushmaster" concealed push button type with back entry	No	1,00	R
4,14	SABS approved WC with "Flushmaster" exposed 'type with top entry	No	1,00	R
4,15	SABS approved bidet with ascending spray 526, 'bidet-mixer, 1 pair bidet cocks, (12 mm) pop-up waste	No	1,00	R
4,16	White, floor-mounted vitreous china	No	1,00	R
4,17	Lavatera White vitreous flat back wall urinal with domical grating with spreader and two hanger brackets (flushing valve elsewhere)	No	1,00	R
	Kwikot Model KCB102 curved back urinal, length, or Equivalent			
4,18	915mm x 300mm x 780mm	No	1,00	R
4,19	1065mm x 300mm x 780mm	No	1,00	R

4,20	1220mm x 300mm x 780mm	No	1,00	R
4,21	1370mm x 300mm x 780mm	No	1,00	R
4,22	1525mm x 300mm x 780mm	No	1,00	R
4,23	1625mm x 300mm x 780mm	No	1,00	R
4,24	1830mm x 300mm x 780mm	No	1,00	R
	<u>BATHS</u>			
4,25	White Built-in Straight Bath - 1700 x 700mm with handles	No	1,00	R
	<u>WASH HAND BASINS</u>			
4,26	Cameo 595 x 455mm White vitreous china vanity wash hand basin with one tap hole plug, waste, plug and chain and concealed brackets	No	1,00	R
4,27	Springbok 510 x 405mm White vitreous china wash hand basin with one tap hole plug, waste, plug and chain and concealed brackets	No	1,00	R
4,28	SABS approved pedestal, with basin - concrete above but with S-trap and iron bracket	No	1,00	R
4,29	SABS approved built-in basin - concrete slab and finish to details and with tap hole	No	1,00	R
4,30	Stainless Steel 520 x 420mm Wash Hand Basin	No	1,00	R
	Vaal Weaver or equivalent			
4,31	570 x 455mm rectangular surface mounted vanity basin (code: 704201) with on tap hole.	No	1,00	R
	Brass			
4,32	32mm Basin waste union	No	1,00	R
4,33	38mm Urinal waste union with chromium plated dome	No	1,00	R
4,34	38mm Sink waste union	No	1,00	R

	<u>TRAPS ETC</u>			
	uPVC			
4,35	38 x 50mm Deep seal trap	No	1,00	R
4,36	38 x 50mm Shower trap	No	1,00	R
	<u>Chromium plated</u>			
4,37	38 x 50mm Bottle trap	No	1,00	R
	<u>VALVES, ETC</u>			
	Brass (including couplings to copper piping)			
4,38	15mm Stop cock	No	1,00	R
4,39	22mm Stop cock	No	1,00	R
4,40	22mm Garden tap	No	1,00	R
4,41	25mm Line strainer	No	1,00	R
4,42	50mm Line strainer	No	1,00	R
4,43	Flushmaster FM1.000 toilet flush valve	No	1,00	R
4,44	Flushmaster FJ6.000 urinal flush valve	No	1,00	R
4,45	PB1.10RB vacuum breaker	No	1,00	R
4,46	PA3.132 "Kwikflo" 400 kPa pressure reducing valve	No	1,00	R
4,47	15mm - Brass Gate Valve Full Bore	No	1,00	R
4,48	20mm - Brass Gate Valve Full Bore	No	1,00	R
4,49	25mm - Brass Gate Valve Full Bore	No	1,00	R

4,50	32mm - Brass Gate Valve Full Bore	No	1,00	R
4,51	40mm - Brass Gate Valve Full Bore	No	1,00	R
4,52	65mm - Brass Gate Valve Full Bore	No	1,00	R
4,53	80mm - Brass Gate Valve Full Bore	No	1,00	R
4,54	100mm - Brass Gate Valve Full Bore	No	1,00	R
	<u>TAPS</u>			
4,55	Master Unimixer AA7.0LA - short lever (domestic)	No	1,00	R
4,56	Pillar taps, handles fixed to pindle by factory press	No	1,00	R
4,57	20 mm, CP, star handle wall-type taps	No	1,00	R
4,58	20 mm CP, handles fixed to spindle by factory press	No	1,00	R
4,59	20 mm sink mixer with overarm swivel outlet	No	1,00	R
4,60	15mm "CP 166041" Sink mixer with CP extension piece and wall flange	No	1,00	R
4,61	Plastic Tap brown 15mm or Equivalent	No	1,00	R
4,62	Plastic Tap brown 20mm	No	1,00	R
4,63	15mm Code 211 Pillar tap	No	1,00	R
4,64	15mm Code KM 2.100 self closing pillar tap	No	1,00	R
	Hansgrohe or equivalent			
4,65	Single lever basin mixer (code: Focus E2)	No	1,00	R

	Grohe Classic Kitchen or equivalent			
4,66	Bar faucet high profile with dual Arabesk handle	No	1,00	R
	Cobra Watertech or similar			
4,67	15mm Bollostop valve or Equivalent	No	1,00	R
4,68	15mm Flexi connector or Equivalent	No	1,00	R
4,69	Cobra Angle Valve	No	1,00	R
4,70	Cobra Stoptap R.B.F X F	No	1,00	R
4,71	Cobra Isolating Ball Valves	No	1,00	R
4,72	Cobra Ball Cock FXF with Lever	No	1,00	R
	<u>SANITARY PLUMBING</u>			
	uPVC pipes			
4,73	50mm Pipes	m	1,00	R
4,74	110mm Pipes	m	1,00	R
	Extra over uPVC pipes for fittings			
4,75	50mm Bend	No	1,00	R
4,76	50mm Inspection bend	No	1,00	R
4,77	50mm Vente valve	No	1,00	R
4,78	50mm Junction	No	1,00	R
4,79	50mm Inspection junction	No	1,00	R
4,80	110mm Bend	No	1,00	R

Part C3: Scope of Work

4,81	110mm Inspection bend	No	1,00	R
4,82	110mm Junction	No	1,00	R
4,83	110m IE junction	No	1,00	R
4,84	110mm IE reducing juncton	No	1,00	R
4,85	110mm Pan connector	No	1,00	R
4,86	110mm Two way vent valve	No	1,00	R
	Sundries			
4,87	Testing waste pipe system	Item	1,00	R
	Septic Tank			
4,88	New Septic Tank Installation	Psum	1,00	R 100 000,00
4,89	Maintenance of Septic Tank	Psum	1,00	R 100 000,00
4,90	Sucking of Septic Tank and Disposal	Psum	1,00	R 100 000,00
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 4 : SANITARY FITTINGS AND DRAINAGE)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
5	<u>BILL No 5 :</u>			
	<u>WATER SUPPLIES, ETC</u>			
	All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.			
	HDPE polyethelene Class 12 piping with butwelding type pressure fittings			
	5,1 50mm Pipe and excavation not exceeding 1m deep	m	1,00	R
	Extra over HDPE polyethylene pipes for fittings			
	5,2 50mm Fittings	No	1,00	R
	Galvanised mild steel screwed and socketed pipes and fittings			
	5,3 25mm Pipes	m		
	5,4 32mm Pipes	m		
	Extra over galvanised mild steel pipe for fittings			
	5,5 25mm Fittings	No		
	5,6 32mm Fittings	No		

	Class 1 copper pipes			
5,7	15mm Pipes	m	1,00	R
5,8	22mm Pipes	m	1,00	R
5,9	28mm Pipes	m	1,00	R
5,10	35mm Pipes	m	1,00	R
5,11	35mm Pipes	m	1,00	R
5,12	35mm Pipes	m	1,00	R
5,13	35mm Pipes	m	1,00	R
	Extra over class 0, 1 or 2 copper pipes for capillary or brass compression fittings			
5,14	15mm Pipes	m	1,00	R
5,15	22mm Pipes	m	1,00	R
5,16	28mm Pipes	m	1,00	R
5,17	35mm Pipes	m	1,00	R
5,18	35mm Pipes	m	1,00	R
5,19	35mm Pipes	m	1,00	R
5,20	35mm Pipes	m	1,00	R

	<u>ELECTRIC WATER HEATERS</u>			
	Kwikot or Franke or Equivalent			
5,21	50 Litre geyser	No	1,00	R
5,22	100 Litre geyser	No	1,00	R
5,23	150 Litre geyser	No	1,00	R
5,24	200 Litre geyser	No	1,00	R
5,25	250 Litre geyser	No	1,00	R
5,26	100 Litre solar geyser horizontal roof mounted, with extended solar panels to roofs complete by specialist	No	1,00	R
5,27	150 Litre solar geyser horizontal roof mounted, with extended solar panels to roofs complete by specialist	No	1,00	R
5,28	200 Litre solar geyser horizontal roof mounted, with extended solar panels to roofs complete by specialist	No	1,00	R
5,29	Drip tray with overflow pipe	No	1,00	R
5,30	10 litre under basin geyser	No	1,00	R
	Zip Hydroboil or equal and approved:			
5,31	2,5 Litre "Franke Zip Hydroboil"	No	1,00	R
5,32	5.0 Litre Franke Zip Hydroboil'	No	1,00	R
5,33	7,5 Litre "Franke Zip Hydroboil"	No	1,00	R

	Bathroom Accessories			
	Supply and installation of:			
5,34	266 x 257 x 230mm high Surface mounted splash proof electronic hand-drier, including connecting to electrical (electrical connection elsewhere measured)	No	1,00	R
5,35	Manual Towel Dispenser – Stainless Steel	No	1,00	R
5,36	Automatic Towel Dispenser – Stainless Steel	No	1,00	R
5,37	Folded Towel Dispenser – Stainless Steel	No	1,00	R
5,38	Stainless Steel Round Toilet Roll Holder (Capacity: 3 x toilet rolls)	No	1,00	R
5,39	1300 ml Flex Soap Dispenser	No	1,00	R
5,40	Stainless Steel 1200ml Liquid Top Up Soap Dispenser.	No	1,00	R
5,41	12 L Sanitary Bin - Satin Plastic	No	1,00	R
5,42	1200mm x 450mm Urinal Screens - Compact High Pressure Laminate (CHPL)	No	1,00	R
5,43	385 x 465 x 200mm stainless steel mounted waste bin installed to manufacturer's specifications	No	1,00	R
5,44	600mm Long chromium plated towel rails	No	1,00	R
5,45	1200mm Long chromium plated towel rails	No	1,00	R
	Stainless steel			
5,46	Vaal 2No 32mm stainless steel grab rails	No	1,00	R

5,47	Vaal 2No 32mm stainless steel back horizontal grab rails	No	1,00	R
	Sundries	No	1,00	R
5,48	Connect 110mm Upvc to existing including fittings			
5,49	Connect 50mm HDPE to existing water supply including fittings	No	1,00	R
	Gutter and Downpipes			
	0,6mm Chromadek or similar pre-painted sheet steel / alloy gutters and rainwater pipes			
5,50	Strip existing and replacement with new gutters (any household type, inc painting)	m	1,00	R
5,51	Extra over gutter for angle	No	1,00	R
5,52	Extra over gutter for outlet for 85mm pipe	No	1,00	R
5,53	85mm Diameter rainwater pipes fixed to brickwork	m	1,00	R
5,54	Extra over rainwater pipe for shoe	No	1,00	R
5,55	Extra over rainwater pipe for eaves or plinth offset	No	1,00	R
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 5 : WATER SUPPLIES, ETC)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
	<u>BILL No 6 :</u>			
	All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.			
6	<u>MAINTENANCE OF EXISTING WATER SUPPLY AND FITTINGS</u>			
	<u>Plumbing Maintenance</u>			
6,1	Unblock existing 110mm diameter toilet drainage pipe	m	1,00	R
6,2	Unblock urinal trap	No	1,00	R
6,3	Replace 15mm or 20mm tap washers.	No	1,00	R
6,4	Replace ball valve complete with and including Cobra No 700 Float valve and plastic ball	No	1,00	R
6,5	Replace syphonic cistern valve with Cobra No 780-235 syphonic flushing valve unit complete with handle, cap and back nuts and flushpipe	No	1,00	R
6,6	Replace flush pipe rubber between cistern and pan	No	1,00	R
6,7	Refix cistern to wall including 6mm rawl bolt or 6mm diameter Eureka threaded rod	No	1,00	R
6,8	Remove and replace pan connector	No	1,00	R
6,9	Refix basin to wall including 6mm rawl bolts or 6mm diameter Eureka threaded rod	No	1,00	R
6,10	Replace missing cistern lid	No	1,00	R
6,11	Remove undertile stopcocks and shower rose and stop off.	No	1,00	R

	<u>MAINTENANCE OF EXISTING STORM WATER</u>			
6,12	Excavate to expose and remove existing storm water pipes not exceeding 1m deep including backfilling with selected fill compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,13	Excavate to expose and remove existing storm water pipes exceeding 1m and not exceeding 2m deep including backfilling with selected fill compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,14	Break up and remove existing brick stormwater inspection chamber not exceeding 1m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,15	Break up and remove existing brick stormwater inspection chamber exceeding 1m and not deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing ground surface.	m	1,00	R
6,16	Break up and remove existing concrete circular stormwater inspection chamber not exceeding 1m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing ground surface.	m	1,00	R
6,17	Break up and remove existing concrete circular stormwater inspection chamber exceeding 1m and not exceeding 2m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing ground surface.	m	1,00	R
	<u>Grating</u>			
6,18	Remove existing 450 x 600mm x 68kg type 9D cast iron single seal manhole cover, frame and replace with new	No	1,00	R
6,19	Remove existing 450 x 600mm x 117kg type 9D cast iron single seal manhole cover, frame and replace with new	No	1,00	R
6,20	Remove existing precast circular manhole cover, frame and replace with new 150mm thick manhole cover slab size 1670 x 16770mm cover slab with 150mm thick x 620mm with 150mm x 620mm diameter removable cover.	No	1,00	R
	<u>Rodding</u>			
6,21	Allow for rodding stormwater line clean	m	1,00	R
6,22	Allow for cleaning stormwater inspection chamber	No	1,00	R

	<u>Testing</u>			
6,23	Allow for testing drainage pipe system	item	1,00	R
	<u>MAINTENANCE OF EXISTING SEWER</u>			
6,24	Excavate to expose and repair existing sewer pipes not exceeding 1m deep including backfilling with selected fill compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,25	Excavate to expose and repair existing sewer pipes exceeding 1m and not exceeding 2m deep including backfilling with selected fill compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,26	Break up and remove existing brick sewer inspection chamber not exceeding 1m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,27	Break up and remove existing brick sewer inspection chamber exceeding 1m and not deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,28	Break up and remove existing concrete circular sewer inspection chamber not exceeding 1m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
6,29	Break up and remove existing concrete circular sewer inspection chamber exceeding 1m and not exceeding 2m deep including backfilling with selected fill, compacting to 95% Mod Aashto and level to match existing.	m	1,00	R
	<u>Grating</u>			
6,30	Take up and remove existing 1050mm diameter 180kg type za cast iron manhole cover and frame and replace with new.	No	1,00	R
6,31	Remove existing 450 x 600mm x 117kg type 9D cast iron single seal manhole cover and frame and replace with new	No	1,00	R
6,32	Remove existing precast circular manhole cover, frame and replace with new 1640 x 1640 x 170mm heavy duty precast man hole cover slab including bedding edges all round in cement mortar.	No	1,00	R
	<u>Rodding</u>			

6,33	Allow for rodding sewer line clean	m	1,00	R
6,34	Allow for cleaning sewer inspection chamber	No	1,00	R
	<u>Testing</u>			
6,35	Allow for testing drainage pipe system	item	1,00	R
	<u>MAINTENANCE OF EXISTING RAINWATER GOODS</u>			
	<u>Cleaning out rain of rainwater goods</u>			
6,36	Clean out fibre cement eaves gutters internally, rake out joints and re-seal with a polysulphide sealant	m	1,00	R
6,37	Dismantle and clean out fibre cement eaves gutters, re-assemble with new gutter bolts and re-seal with a polysulphide sealant	m	1,00	R
6,38	Clean out existing valley lining of all vegetation and debris	m	1,00	R
6,39	Clear existing eaves gutter and rainwater outlet of all vegetation and debris	m	1,00	R
6,40	Take down and remove half round gutter brackets and replace with new aluminium brackets with new galvanisde bolts	No	1,00	R
6,41	Take down and remove 152x152 gutter brackets and replace with new aluminium brackets with new galvanised bolts	No	1,00	R
6,42	Clear existing full-bore outlets and storm water inlets of all vegetation and debris.	No	1,00	R
	<u>Speacilised Work (Leaking, Detection, etc)</u>			
6,43	Underground leak Detention	Hour	1,00	R
6,44	CCTV Camera drain inspection	Hour	1,00	R
6,45	High Pressure Drain Cleaning	Hour	1,00	R
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 6 : MAINTENANCE OF EXISTING WATER SUPPLY AND FITTINGS)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
7	<u>BILL No 7 :</u>			
	<u>TILING - SANS 10400</u>			
	All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Tiling on brick or concrete walls, columns, etc and floors to be fixed in strict accordance with the manufacturer's instructions and to include for adhesives, bedding and grouting complete to plastered or screeded surfaces (measured elsewhere)			
7,1	<u>FLOOR TILING</u>			
	300 x 300 x 8mm Ceramic floor tiles of an approved colour, allow the sum of R 170.00 (one hundred and seventy rand) per m2 ex factory/supplier laid on screed (elsewhere) with tile bedding and flush pointed with epoxy mortar			
	On floors and landings	m ²	1,00	R
	150mm High tile skirting	m	1,00	R
	600 x 600 x 11mm Non-slip porcelain tiles (P.C allowance of R200.00/m2 excludes V.A.T. but includes delivery to site),fixed with adhesive and flush pointed with tinted waterproof jointing compound			
7,3	On floors and landings	m ²	1,00	R
7,4	150mm High tile skirting	m	1,00	R

	300 x 300 x 15mm Natural slate tiles of an approved colour, allow the sum of R 220.00 (Two hundred and twenty rand) per m2 ex factory/supplier fixed with adhesive to plaster (elsewhere) on brickwork or concrete and pointed with matching cement grout			
7,5	On floors and landings	m ²	1,00	R
7,6	150mm High tile skirting	m	1,00	R
	<u>300 x 300mm Non-slip porcelain tiles (PC R250/m² supply and delivery) fixed with adhesive to screed (screed elsewhere) and flushpointed with tinted jointing compound externally:</u>			
7,7	On floors and landings.	m ²	1,00	R
7,8	Skirting 150mm high.	m	1,00	R
	<u>600 x 600mm Non-slip porcelain tiles (PC R300/m² supply and delivery) fixed with adhesive to screed (screed elsewhere) and flushpointed with tinted jointing compound internally:</u>			
7,9	On floors and landings.	m ²	1,00	R
7,10	Skirting 150mm high.	m	1,00	R
	Sundries			
7,11	15 x 15 x 2mm Aluminium Edge strip	m	1,00	R
7,12	U-Shaped aluminium expansion joint strip in tiling	m	1,00	R

	<u>WALL TILING</u>			
	<u>600 x 600mm White glazed ceramic tiles (PC R180/m² supply and delivery) fixed with adhesive to plaster (plaster elsewhere) and flushpointed with tinted jointing compound:</u>			
7,13	On walls	m ²	1,00	R
	300 x 450 x 8mm Glazed ceramic tiles of an approved colour, allow the sum of R 180.00 per m2 ex factory/supplier fixed with adhesive to plaster (elsewhere) on brickwork or concrete and pointed with matching cement grout			
7,14	On walls	m ²	1,00	R
	200 x 200 x 6mm Glazed ceramic tiles of an approved colour, allow the sum of R 140.00 per m2 ex factory/supplier fixed with adhesive to plaster (elsewhere) on brickwork or concrete and pointed with matching cement grout			
7,15	On walls	m ²	1,00	R
	150 x 200 x 6mm Glazed ceramic tiles of an approved colour, allow the sum of R 100.00 per m2 ex factory/supplier fixed with adhesive to plaster (elsewhere) on brickwork or concrete and pointed with matching cement grout			
7,16	On walls	m ²	1,00	R
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 7 : TILING)				R

Item	Description	Uom	Quantity	Amount Excl. Vat (R)
8	<p>BILL No 8:</p> <p><u>DEMOLITIONS, REMOVALS AND ALTERATIONS</u></p> <p>All rates tendered are to be fully inclusive of consumables (ie. cleaning liquids like thinners and turpentine, masking tape, sanding paper and clothes and materials touch up paint, piping, clamps etc.). These rates to include labour and the installation there-off complete.</p> <p>Old materials</p> <p>Old materials from alterations except where described to be reused or handed over, become the property of the Contractor who must allow credit for same in the item rates as described below. Old materials from the removals and alterations except where described to be reused or handed over, as well as old rubbish, etc must regularly be carted from the site and not be allowed to accumulate on or around the site. None of the old materials are to be used for new work except where specifically described as to be handed over by the contractor to the Employer. Such materials or articles shall be properly stored by the contractor until handing over thereof. The contractor shall obtain an official receipt listing the materials or articles and dates of handing over. If the contractor fails to submit the receipt when requested to do so it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Employer for the full replacement value thereof which amount will be deducted from any monies due to the contractor</p> <p>Rates must be shown in full and extended and not lumped.</p> <p>The Employer reserve the right to keep any or all of the old materials described in the bill of quantities irrespective of such materials having been priced or not at the rates indicated against the respective items.</p>			

<u>BUILDING UP OPENINGS</u>				
Brickwork in NFP bricks in class II mortar in building up openings				
8,1	115mm brickwall	m ²	1,00	R
8,2	230mm brick walls	m ²	1,00	R
8,3	345mm brick walls	m ²	1,00	R
Brickwork in NFP bricks in class II mortar in building up openings, including bonding new to existing and making good cement plaster on both sides (paint elsewhere measured)				
8,4	110mm brickwall	m ²	1,00	R
8,5	220mm brick walls	m ²	1,00	R
8,6	345mm brick walls	m ²	1,00	R
Sundries				
8,7	Cutting toothings and bonding new brickwork to existing	m ²	1,00	R
Face bricks pointed with flush horizontal and vertical joints				
8,8	Extra over brickwork for face brickwork in patches	m ²	1,00	R
8,9	150mm Wide brick-on-edge header course sill set sloping and slightly projecting	m	1,00	R
8,10	Cutting toothings and bonding new face brickwork to existing	m	1,00	R

<u>PREPARATORY WORK TO EXISTING SURFACES</u>				
8,11	Cutting out joints of existing brickwork to receive plaster	m ²	1,00	R
8,12	Hacking face of existing concrete columns, beams, etc to receive plaster	m ²	1,00	R
8,13	Making good defects in existing screeded floors	m ²	1,00	R
<u>MAKING GOOD OF FINISHES ETC</u>				
Making good face brickwall				
8,14	Brickwork at end of half brick wall	m	1,00	R
8,15	Brickwork at end of one brick wall	m	1,00	R
Making good "Rhino" gypsum plasterboard ceilings and brandering etc				
8,16	Ceiling in patches	m ²	1,00	R
8,17	Ceilings where half brick walls removed	m ²	1,00	R
8,18	Ceilings where one brick walls removed	m ²	1,00	R
8,19	Traps Door in gypsum ceiling, size 650mm x 650mm	m ²	1,00	R
8,20	Traps Door in fibre cement ceiling, size 650mm x 650mm	m ²	1,00	R

	Making good vinyl floor tiles			
8,21	Floors in patches	m ²	1,00	R
8,22	Floors where partitions removed	m	1,00	R
8,23	Floors where one brick walls removed	m	1,00	R
8,24	Floors where one brick walls removed	m	1,00	R
	Making good untinted granolithic			
8,25	Making good screed where brick walls, etc removed not exceeding 300mm wide	m	1,00	R
	Making good cement screeds			
8,26	30mm thick floors in patches	m ²	1,00	R
8,27	Making good screed where brick walls, etc removed not exceeding 300mm wide	m	1,00	R
8,28	Making good plaster to face of walls where brick walls, etc removed not exceeding 300mm wide	m	1,00	R
8,29	Making good plaster to concrete ceiling where wall removed not exceeding 300mm wide	m	1,00	R
	Making good internal cement plaster			
8,30	Walls in patches	m ²	1,00	R
8,31	Concrete ceilings in patches	m ²	1,00	R
8,32	Walls where half brick walls removed	m ²	1,00	R
8,33	Walls where one brick walls removed	m ²	1,00	R

8,34	Concrete ceilings where half brick walls removed	m ²	1,00	R
8,35	Concrete ceilings where one brick walls removed	m ²	1,00	R
	Making good white glazed tiles			
8,36	Walls in patches	m ²	1,00	R
8,37	Walls where half brick walls removed	m ²	1,00	R
8,38	Walls where one brick walls removed	m ²	1,00	R
	Making good porcelain tiles			
8,39	Walls in patches	m ²	1,00	R
8,40	Walls where half brick walls removed	m ²	1,00	R
8,41	Walls where one brick walls removed	m ²	1,00	R
	Backfilling and reinstate			
8,42	In-situ fill or cut material compacted to 90 % of modified AASHTO density	m ³	1,00	R
8,43	Selected layers compacted to 93 % of modified AASHTO density	m ³	1,00	R
8,44	Cement stabilized subbase layer compacted to 95% of modified AASHTO density	m ³	1,00	R
	Prefabricated culverts:			
8,45	On class B bedding (375 mm Class 100D)	m ³	1,00	R

<u>CUTTING AND REINSTATING THROUGH FLOORS, PAVINGS, ETC</u>				
8,46	Saw cutting through 100mm thick unreinforced concrete paving for 600mm wide cable trench and making good concrete on completion	m	1,00	R
8,47	Lifting up interlocking concrete block paving as necessary for 600mm wide cable trench and relaying and making good paving on completion	m	1,00	R
8,48	Road surface etc	m ³	1,00	R
8,49	Repair and reinstate of paved areas	m ²	1,00	R
8,50	Repair and reinstate of concrete areas	m ²	1,00	R
8,51	Removal of tree roots	m ²	1,00	R
TOTAL CARRIED TO FINAL SUMMARY - YEAR 01 (BILL No 7 - DEMOLITIONS, REMOVALS AND ALTERATIONS)				R

FINAL SUMMARY:-

MOGALE CITY LOCAL MUNICIPALITY									
REPAIRS AND MAINTENANCE OF ALL PLUMBING WORKS AT MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDINGS AND FACILITIES FOR A PERIOD OF THREE (3) YEARS ON AN AS AND WHEN REQUIRED									
FINAL SUMMARY									
				YEAR 01		Annual % Increment	YEAR 02 Rands	Annual % Increment	YEAR 03 Rands
Bill No.		Page							
1	PRELIMINARY & GENERAL - SANS 1200A	125	R				R		R
2	PLUMBING AND DRAINAGE (PROVISIONAL)	127	N/A			N/A			N/A
3	RAINWATER DISPOSAL	130	R				R		R
4	SANITARY FITTINGS AND DRAINAGE	137	R				R		R
5	WATER SUPPLIES, ETC	144	R				R		R
6	MAINTENANCE OF EXISTING WATER SUPPLY AND FITTINGS	149	R				R		R
7	TILING - SANS 10400	153	R				R		R
8	DEMOLITIONS, REMOVALS AND ALTERATIONS	155	R				R		R
	SUB-TOTAL		R				R		R
	ADD: 10% TO SUB-TOTAL FOR CONTINGENCIES		R				R		R
	VAT: 15%		R				R		R
	TOTAL		R				R		R
TENDER AMOUNT CARRIED TO FORM OF OFFER (YEAR 1,2 & 3 ALL INCLUSIVE OF VAT AND RATE)									R

The bidder shall indicate if the escalation percentage applicable to pricing on the 2nd and 3rd year of the contract shall either be linked to **CIPX** or **Industry Fluctuations Rate** or **Exchange Rate**.

No bidder shall indicate escalation percentage without specifying any linkage with any of the above.

Person authorized to sign tender documents

Date

MOGALE CITY LOCAL MUNICIPALITY



THE CONTRACT:

PART C3: SCOPE OF WORK

PART C3: SCOPE OF WORK

C3.1 Description of the Works

C3.1.1 General

The Standardized Specifications applicable to these contract are listed in the Project Specification i.e., Repairs and Maintenance of all Plumbing works at Mogale City Local Municipality owned buildings and facilities.

The specification covers maintenance of all plumbing related installations, fountains and water features that include the following but not limited to:

- a) Rain water disposal
- b) Soil and waste water drainage systems including chemical waste water systems as well as booster and sump pumping equipment.
- c) Reticulation and distribution networks
- d) Sanitary ware, brassware and domestic water heating systems
- e) Clear water pumping equipment including booster and circulation pumping systems
- f) All valves pressure control valves non-return valves and mains shut-off valves
- g) Water storage tanks
- h) Sewer pipelines and manholes
- i) Open sewerage channels
- j) Conservancy / Septic tanks
- k) Fountains and Water Features

The description of the Works given above is not necessarily complete and shall not limit the work to be carried out by the Contractor under this Contract.

Approximate quantities of each type of work are given in the Schedules of Quantities.

C3.1.2 Status

Should any requirement of the Project Specification conflict with any requirement of the standardized or particular specifications, the requirements of the Project Specifications shall prevail.

C3.1.3 Employers Objectives

The objective of the Employer is to appoint a maintenance Contractor/s for the execution of the identified work within time, cost, and performance and quality standards for Mogale City's building portfolio as listed in Part C4 – Site information

C3.1.4 Overview of the Works

Mogale City Local Municipality (MCLM) primary objectives is to maintain the municipal building infrastructure. This contract will cover all Plumbing works of the buildings and facilities portfolio.

The description listed hereunder is merely an outline of the works to be done in terms of the Contract, and shall not limit the work to be carried out by the Contractor.

Contractors may make use of sub-contractors for a specialized service where the required skills are not available. Sub-contractors shall be based within the boundaries of Mogale City. A SLA (Service Level Agreement) must be signed by the Contractor as well as any other sub-contractor involved in the maintenance.

MCLM has a wide and diverse range of properties in its portfolio. This ranges from residential units to office accommodation, sport and recreation facilities to the civic centre. The applicable maintenance items are as far as possible captured in the Schedule of Quantities and the related specifications. This tender is, however, not limited to the listed items and the price and specifications for items not listed will be negotiated with the contractor but as far as possible be paid by the tendered rates for materials and consumables.

Repairs and Maintenance of Water supply and drainage for buildings (wet services, all plumbing) in the various MCLM buildings needs to be done in a structured manner. The work need to be carried out by suitably qualified

and experienced artisans. Tasks will be requested and managed in a well-defined manner with strict monitoring systems and principals.

C3.1.5 DILIGENCE

Termination

If it is found that;

- a) The contractor does not install the correct material and work not according to the relevant specification and/or the instructions of the supplier of the equipment, material and/or system;
- b) The contractor and/or his/her workmen are found to dump rubble and/or waste illegally on any other place than legal dumping facilities;
- c) If the contractors response time and work completion period are not within the specified quoted time frame;
- d) The Contractor will be given **7 (seven) calendar days written notice** to rectify the situation;
- e) If the Contractor does not respond positively to the satisfaction of the **responsible Municipal Official and/or Project Manager**;

This will result in the **termination of the contract**.

C3.1.6 Management Meetings and Progress report

The following meetings and progress report will be required as minimum for the management of the contract.

- Monthly client site meeting (using standard agenda for management control) and progress report.
- Technical meetings and progress report as required for each phase of the work.
- Monthly safety meetings and progress report in terms of the OHS requirements.

PART C3: SCOPE OF WORK

C3.2.1 Project Specifications

C3.2.1.1 General Description

Each building with its finishes and furnishings may require work that may include any one or more of the following activities as set out in clause C3.2.3 below: repair, servicing, testing and maintenance during the term of the Contract.

C3.2.2 Description of site

The locations of the works are in Mogale City as shown in Part C4 – Site information.

C3.2.3 Details of contract

The contract consists of repair and maintenance services to buildings in each area. The following is included:

- a) Rain water disposal
- b) Soil and waste water drainage systems including chemical waste water systems as well as booster and sump pumping equipment.
- c) Reticulation and distribution networks
- d) Sanitary ware, brassware and domestic water heating systems
- e) Clear water pumping equipment including booster and circulation pumping systems
- f) All valves pressure control valves non-return valves and mains shut-off valves
- g) Water storage tanks
- h) Sewer pipelines and manholes
- i) Open sewerage channels
- j) Conservancy / Septic tanks
- k) Fountains and Water Features

The description of the Works given above is not necessarily complete and shall not limit the work to be carried out by the Contractor under this Contract.

Approximate quantities of each type of work are given in the Schedules of Quantities.

The contract also consists of making provision for provisional sums and prime cost amounts for all kinds of specialist work, etc.:

In general, specialist installations envisaged will be of the following, but not limited to;

- Pumping water / Flooding in Lifts, etc.;
- Installation of Jojo Tank with Pumps, DB, etc.;
- Sewer line Installation to Replace Existing;
- Baths;
- Toilets;
- Tanks;
- Giblit System;
- Hand Dryer;
- Soap Dispenser;
- Maintenance of Septic Tank;
- Sucking of Septic Tank and Disposal;
- New Septic Tank Installation;
- Pumps;
- Jetting of Sewer System;
- Leak Detection;
- Industrial scaffolding, plant etc.;
- Cherry pickers;

- Community Liaison Officer (CLO), as and when, and where determined to be necessary, with prior arrangement, and agreement;
- Weep holes, wherever encountered and necessary;
- Installation of 1000lt Kwikot or Similar Approved Geyser;
- Installation of Solar Geyser;
- CCTV Scanning of Sewer Line;
- Prefabricated Toilets including Connection;
- Main Line Valve, French Valve;
- Flush Valve;
- Slot Valve;
- Viking Coupling;
- Ranger Coupling;
- Extractor Fans in Toilets;
- Pipes in Sleeves/Rerouted Away from Load;
- Electrical Allowance; and
- All other related and relevant work

C3.2.4 Contract Management

C2.2.4.1 Assistance by Contractor

The Contractor shall at all times assist the Project Manager/s to carry out his/her/their duties according to the applicable clauses of the SLA, General Conditions of Contract entered into amongst Mogale City Local Municipality, and the appointed service provider(s).

C3.2.5 Features requiring special attention

C3.2.5.1 Repairs

The Contractor shall have enough staff, equipment and materials to attend to various repairs simultaneously.

(a) Breakdown Repairs

Breakdown repairs refer to repairing defects (including malfunctions) which are carried out on an ad-hoc basis when a defect occurs.

The Contractor will be paid for repairing breakdowns using the items listed in the Schedules of Quantities for breakdown maintenance, but should such an item not exist for the work that has to be carried out he/she will be paid in accordance with the rates tendered for labour and material in the Schedules of Quantities.

C3.2.5.2 Replacement of items

Where it is necessary to replace any existing item with a new item under this Contract, the new item shall be of at least the same quality as the existing item. The municipality shall have the right to reject the item if it is of inferior quality. Material removed shall remain the property of the municipality until such time, it is communicated to the contractor for disposal.

C3.2.6 Site to be kept clean

During progress of the works and upon completion thereof, the Site of the Works shall be kept and left in a clean and orderly condition. The Contractor shall store materials and equipment for which he/she is responsible in an orderly and safe manner and shall keep the site free from debris and obstructions inter alia in compliance with Construction Regulations, 2014, as promulgated in Government

Gazette No: 37307 and Regulation Gazette No: 10113 of 07 February 2014, in the Occupational Health and Safety Act, 1993 (Act 85 of 1993) (OHS), as amended.

All redundant materials, rubbish and waste arising from the work must be regularly removed from the Site at the Contractor's cost and the Site and buildings left clean and tidy

C3.2.7 SANS specifications and codes of practice

All reference in this document to South African National Standards (SANS) specifications and codes of practice, or any other standard specifications or codes of practice, including National Building Regulations and Standards Act (Act 103 of 1973) (NBRs), and Regulations as amended, shall be deemed references to the latest issues of such specifications and codes.

C3.2.8 Materials

The Contractor shall attach to his/her accounts original supplier's tax invoices for new parts, components and materials to be used or that were used for repair work requiring non-scheduled items. The full description similar to that required to order an item from a supplier, i.e. Make: model, serial number, size, capacity, etc. shall be listed on the account.

The Project Manager reserves the right to:

- a) Supply to the Contractor new parts, components and materials required to undertake repairs, or
- b) If the price submitted by the Contractor is unacceptably high, obtain quotations for such new parts, components and materials from other independent sources, and after making reasonable allowance for Contractor's mark-up, adjust the Contractor's price accordingly.

The above applies to new parts, components and materials that are to be used for both maintenance and repair.

Where no rate is tendered in the Schedule of Quantities for new items the prices for new items given by the Contractor shall be in line with prices of similar items in the Schedule of Quantities or reasonable prices in the industry, and paid the mark up in the schedule of quantities.

Unless stated otherwise in writing by the Project Manager, all proprietary materials are to be used, mixed, applied, fixed, etc., strictly in accordance with the manufacturer's recommendations.

C3.2.9 Protection of furniture and equipment

Most of the work to be done inside buildings and residential accommodation will be carried out where there is furniture and other equipment.

The Contractor shall be responsible for moving the furniture and equipment in order to provide working space for his/her personnel. The movement of furniture and equipment shall be kept to the very minimum and the Contractor shall be solely responsible for any damage to furniture or equipment arising from its removal and/or replacement.

C3.2.10 Quality Control

The Contractor shall at all times ensure that his/her work complies with Specifications.

The onus to produce work that conforms in quality and accuracy of detail to the requirements of the Specifications and Drawings rests with the Contractor, and the Contractor shall, at his/her own expense, institute a quality-control system and provide experienced Project Manager(s), foremen, materials technicians, other technicians and technical staff, together with all transport, instruments and equipment to ensure adequate supervision and positive control of the Works at all times.

The cost of supervision and process control, including testing carded out by the Contractor, will be deemed included in the rates tendered for the related items of work.

The Contractor's attention is drawn to the provisions of the various Specifications regarding the implementation of a quality assurance system and the minimum frequency of checking required. The Contractor shall, at his/her own discretion, increase this frequency where necessary to ensure adequate control.

C3.2.11 Additional Work

The Contractor shall have enough staff, equipment and materials to cope with additional repair work as determined by the Project Manager. The additional work shall be carried out at tendered rates.

Should the Employer decide during the Contract period to add to the scope of the repair work under his/her Contract, such additional work shall be carried out without in any way detrimentally affecting repair and maintenance work already in progress. To achieve this, the Contractor shall employ enough additional staff and bring onto the Site such extra equipment as may be necessary. Payment for such additional work will be at negotiated rates only if the work is different to that already in progress.

C3.2.12 Applicable Standardized Specifications

For the purposes of this Contract, the following SANS 1200 Standardized Specifications shall apply:

- SANS 1200 A: General

C3.2.13 Operational costs

The bid is for the operational costs incurred by contractors only. **All operational costs, including transport costs to be incurred by the contractor to render the service must be calculated and expressed in a rate per hour worked in the Schedule of Quantities in the Bid Document:**

- a) Should it be required of a contractor to work outside normal office hours (7H30 to 16H00) the after hourly rates as tendered will be applicable.
- b) Contractor to provide monthly reports per building and/or work assigned; and not limited to: response time, types of repairs required and cost, at no extra cost, guarantees, provision to be made for in the Schedule of Quantities, maintenance manual, conclusion, and recommendation.

C3.2.14 Cost of materials and installation

The specified material items listed in the Schedule of Quantities to be used shall be priced complete with all installation material required to complete the installation of each item, complete with supply and delivery of different equipment – installation are covered by labour rates separately.

C3.2.15 Consumables

Consumables are material and/or specialised equipment to be hired for use on a specific job not covered in the specified Schedule of Quantities, with prior approval from the Project Manager (s).

The consumable cost to be paid by Council will be subject to a certified copy of invoice from the supplier plus percentage mark-up as tendered by the contractor in the schedule of rates.

The contractor must ensure the material obtained is SANS approved or complies with the relevant SANS specification and is the most cost effective cheapest available. Council reserves the right to check prices and to demand a change of material supplier to curb costs.

Material prices may be audited and amended on MCLM's discretion based on average material prices from known suppliers in the Mogale area.

Costs for hiring specialized equipment must be specified under cost of consumables on estimates and invoices.

Contractors are warned not to "load" Estimates and quotations as this will lead to the services of another contractor being utilized if a compromise cannot be reached.

C3.2.16 Call outs, estimates and works orders

Contractors will be called out by telephone or cell phone to give an estimate on the repairs to be affected at a specific building in accordance with a works order issued by the Council Official concerned as and when required.

Estimates must be submitted showing the description of work to be carried out as per the works order and the specified items rates for supply and install as tendered and must be shown in Schedule format as per payment reference.

The estimate will be evaluated by the Council Official concerned and if satisfied that the costs and time frames are reasonable an **approved WO** will be faxed and/or emailed to the number and/or E-address provided by the contractor for this purpose.

No work, except in emergencies, may be carried out and/or will be paid for if no approved WO has been issued beforehand.

C3.2.17 Invoicing

Invoices must correspond with Estimates and must be in accordance with the following format:

a) **Itemised Cost**

Invoices must show the description of work carried out as per the estimate and shall reflect the items in the tender document. As far as practically possible, the bulk of the work shall be priced and claimed from the itemised Schedule of Quantities on prices tendered. This will apply for material supplied and installation and labour cost as priced and invoiced accordingly.

b) **Operational Costs**

Invoices must show operational costs separately from costs of Itemised items and Consumables.

Operational cost shall comprise of the following:

- Transport cost will be as per the rate tendered for different vehicles required to complete the repair and correction of the installation.
- Labour cost claimed **shall** be for work required to be done during normal hours, after hours, weekend, and/or on public holidays. It must be invoiced as the number of hours worked as the rate tendered for different personnel utilised.

c) **Cost of Consumables**

Cost of Consumables used shall **only apply to special items** not covered under the Itemised cost and with prior approval of the Project Manager concerned, as per the WO. The invoices must show it separately from the Itemised and Operational costs.

All Consumables must be specified on a separate list to be attached to the invoice for verification purposes accompanied by certified copy invoices from the supplier plus the percentage (%) mark-up as tendered.

The separate list must also give a breakdown of the exact places the material and/or items were used, i.e. Building and room numbers.

C3.2.18 Signing-off of WO's

- a) After completion of work as specified in WO the relevant Inspector within the Facilities and Buildings Management Division: Building Maintenance section will inspect the work and if satisfied, sign off the WO and hand the original back to the contractor.
- b) A copy of the signed-off WO must be attached to invoices submitted by the contractor as not to delay payment.
- c) A Certificate of Compliance for the specific work must be attached to the Contractor's invoice.

C3.2.19 Performance Management

- a) Contractors must at all times have due regard for the safety of people on sites, according to the Occupational Health and Safety Act, 1993 (Act 85 of 1993) (OHS)

- and its Regulations as amended. All onsite incidences shall be reported to the MCLM safety officers, with the relevant procedures shall be at-hand-to.
- b) Contractor's personnel shall wear safety clothes branded with the contractor company name and carry approved company ID cards with their picture.
 - c) All work to be performed shall comply with SANS 10142-1 and SANS 10142-2 and the standard specification of Mogale City.
 - d) Work to be done professionally with due regard not to damage household goods wilfully; all damaged items shall be recovered from the contractor.
 - e) No work may be initiated by the contractor without having been expressly instructed to do so by the responsible Council Official.
 - f) Invoices will only be processed for payment after the responsible Council Official has inspected the work, is satisfied with its execution, and signed-off the works order.
 - g) The Mogale City reserves the right to obtain the services of other contractors, in writing, should, in the opinion of the relevant Project Manager, the prices quoted by a contractor be considered too high for the job at hand and/or the standard of work is unacceptable,
 - h) In cases where poor workmanship is identified, the Mogale City reserves the right to recover costs incurred in correcting the poor workmanship.

C3.2.20 Special conditions

- a) OHS: In terms of section, 37(2) of the Act a valid contractual agreement must be in place between the Employer (MCLM) and the contractor before the contractor can go on site.
- b) Council's OHS Practitioner-Contracts will be of assistance to finalise the contract.
- c) All the work shall carry an unconditional guarantee of 12 months, calculated from the date of completion.

C3.2.21 Extent of works

The Works will be carried out by the Contractors under this Contract in the whole area of jurisdiction of the MCLM as indicated in Section C4 of these contract This contract comprise mainly the following components of which the elements requiring all plumbing:

- a) Rain water disposal
- b) Soil and waste water drainage systems including chemical waste water systems as well as booster and sump pumping equipment.
- c) Reticulation and distribution networks
- d) Sanitary ware, brassware and domestic water heating systems
- e) Clear water pumping equipment including booster and circulation pumping systems
- f) All valves pressure control valves non-return valves and mains shut-off valves
- g) Water storage tanks
- h) Sewer pipelines and manholes
- i) Open sewerage channels
- j) Conservancy / Septic tanks
- k) Fountains and Water Features

The quantities in the Schedule of Quantities are estimates only and will only be used as a guide by MCLM. The actual quantities will be determined by the works required by MCLM to be performed as instructed to the contractor by means of a Work Order.

It is possible that the MCLM may award the contract to more than one contractor, and the intention is to appoint at least **2** contractors, which will consequently mean that these contractors will, depending on the number appointed, indiscriminately be dispatched to all areas without being specifically dedicated a specific area. Prospective contractors will have to keep this in mind when preparing their bid because the scale of operations will be affected by the number of contractors appointed as well as areas where work is to be executed. The MCLM furthermore reserves the right to not appoint a Contractor for more than one area.

C3.2.22 Ordering of Materials

The quantities set out in the Schedule of Quantities have been carefully determined from calculations based on data available at the time and should therefore be approximate quantities only. Before ordering materials of any kind, the Contractor shall check with the Project Manager whether the scope of the work for which the materials are required is likely to change substantially. No liability or responsibility whatsoever shall be attached to the Employer for materials ordered by the Contractor except when ordered in accordance with written confirmation issued by the Project Manager.

C3.2.23 Plant

General

Except where the contrary is specified or when clearly not applicable, all quantities for measurement and payment shall be determined from the 'authorised' dimensions. These are specified dimensions or those shown on the Drawings or, if changed, as finally prescribed by the Project Manager, without any allowance for the specified tolerances. Except if otherwise specified, all measurements for determining quantities for payment will be based on the 'authorised' dimensions.

If the work is therefore constructed in accordance with the 'authorised' dimensions plus or minus the tolerances allowed, quantities will be based on the 'authorised' dimensions regardless of the actual dimensions to which the work has been constructed.

When the work is not constructed in accordance with the 'authorised' dimensions plus or minus the tolerances allowed, the Project Manager may nevertheless, at his sole discretion, accept the work for payment. In such cases no payment shall be made for quantities of work or material more than those calculated for the 'authorised' dimensions, and where the actual dimensions are less than the 'authorised' dimensions minus the tolerance allowed, quantities for payment shall be based on the actual dimensions as constructed."

C3.3 Health and Safety

C3.3.1 HEALTH AND SAFETY REQUIREMENTS AND PROCEDURES

(a) Construction Regulations, 2014

The Contractor shall be required to comply with the Occupational Health and Safety Act, 1993: Construction Regulations, 2014 (the regulations) as promulgated in Government Gazette No 37307 and Regulation Gazette No 10113 of 7 February 2014. Non-compliance with these regulations, in any way whatsoever, will be adequate reason for suspending the Works.

The proposed type of work, materials to be used and potential hazards likely to be encountered on this Contract are detailed in the Project Specifications, Schedule of Quantity and Drawings, as well as in the Employers' health and safety specifications (regulation 4(1)) of the Construction Regulations 2014

The Contractor shall in terms of regulation 5(1) provide a comprehensive health and safety plan detailing his proposed compliance with the regulations, for approval by the Employer.

The Contractor shall always be responsible for full compliance with the approved plan as well as the Construction Regulations and no extension of time will be considered for delays due to non-compliance with the abovementioned plan or regulations.

Payment items are included in the Schedule of Quantities to cover the Contractor's cost for compliance with the OHS Act and the abovementioned regulations.

C3.4 Technical Specifications

WATERPROOFING, SEALING AND PAINTING OF ROOFS

GENERAL STANDARD SPECIFICATIONS, REGULATIONS AND CODES

The latest edition, including all amendments up to date of tender, of the following specifications, publications and codes of practice shall be read in conjunction with this specification and shall deemed to form part thereof:

(a) QUALITY OF MATERIALS

Material used shall be new and shall comply with the requirements of the relevant South African National Standards (SANS) specifications.

The successful bidder shall provide the representative of the Building Maintenance section with a file of samples with waterproofing material to be used for all new waterproofing to be installed in terms of this tender and criteria above within 7 (seven) days after being notified of the successful bid.

3.4.1 Preliminary Information

- a) All low level cisterns which need to be replaced must match existing where possible or be replaced with porcelain cisterns complete as made by Vaal Potteries or plastic cisterns as made by Dutton or similar SANS approved.
- b) Replacement of close-coupled cisterns must be discussed with the PDCM prior to purchase or installation.
- c) Replacement of head parts to taps must match existing. Taps should be re-seated when head parts are replaced. Where the above options are not possible replacement of a tap as approved by the PDCM must be COBRA STAR similar SANS approved O pattern. Standard brass taps must also be COBRA or similar SANS approved.
- d) Replacement geysers may only be KWIKOT ECONOFLO cylinders or MEGAFLO cylinders or similar SANS approved.
- e) Sewer pipes to be replaced must be uPVC and must be heavy duty (Class 34, 300 kPa stiffness) with all necessary adaptors to existing piping. Deviations to be approved prior to installation.
- f) Cast iron soil and sewer pipes must be SUPERCAST pipes and fittings or similar SANS approved.
- g) Service to cisterns must be complete replacement of brass fittings with new plastic Supaflo or Stilflo inlet valves and Supaflush outlet valves or similar SANS approved.
- h) Where asbestos piping is found, this must be reported to the PDCM prior to any work commencing. Work on asbestos cement pipes must be undertaken by a specialist contractor in accordance with the Department of Labour Government Notice R155 of 10 February 2002 OHS Asbestos Regulations 2001.
- i) Galvanised piping installed underground must receive a primer coat and then covered with DENZO tape prior to back fill or similar SABS approved.
- j) VULCATHENE acid and chemical resistant pipes and fittings may only be replaced with VULCATHENE pipe and fittings or similar SABS approved.
- k) Trench backfill material to be sufficiently dry to enable compaction.
- l) The rate quoted to repair an underground leak will include tracing the leak, locating the appropriate shut-off valve, excavation, repair work necessary and suitable back fill to the approval.
- m) Repair work to tarred surfaces, concrete or block paving may not be performed by the Plumbing and Drainage contractor. The Plumbing and Drainage contractor must employ the civil contractor at his tendered rates for those repairs. The Plumbing and Drainage contractor remains responsible for the satisfactory repair to these areas as well as payment thereof.
- n) The Plumbing and Drainage Contractor must take note that electrical work must be performed by the Electrical contractor.
- o) Pump repairs must be undertaken by the Mechanical contractor. The Plumbing and Drainage Contractor may do all necessary pipe work and hand the damaged pump to the Mechanical contractor for repair. The Electrical contractor must do electrical connections to these pumps. These sub-contractors must be employed by the Plumbing and Drainage Contractor at their tendered rates and he remains responsible for these installations and payment to the sub-contractors.

SANS Specifications and codes

SANS 0254	-	The installation, maintenance, replacement and repair of fixed electric storage water heating systems
SANS 948	-	Three-phase induction motors
SANS 1200 D	-	Earthworks
SANS 1200 DB	-	Earthworks (pipe trenches)
SANS 1200 G	-	Concrete (structural)
SANS 1200 L	-	Medium-pressure pipelines
SANS 1200 LB	-	Bedding (pipes)
SANS 1200 LC	-	Cable ducts
SANS 1200 LD	-	Sewers
SANS 1222	-	Enclosures for electrical equipment (classified according to the degree of protection that the enclosure provides)
SANS 0252. Part 1	-	Water supply installations for buildings
SANS 0252. Part 2	-	Drainage installations for buildings
CKS 114	-	Pressed steel sectional tanks

Department of Labour Government Notice No R155 of 10 February 2002 OHS Asbestos Regulations 2001

3.4.2 Occupational Health and Safety Act of 1993

All regulations and statutory requirements as laid down in the latest edition of OHS shall be adhered to. **(REFER TO ADDITIONAL SPECIFICATION FOR PLUMBING AND DRAINAGE CONTRACT, HEALTH AND SAFETY SPECIFICATION.)**

3.4.3 Manufacturers' specifications, codes of practice and installation instructions

All equipment and materials shall be installed, serviced and repaired strictly in accordance with the manufacturers' specifications, instructions and codes of practice.

3.4.4 Municipal regulations, laws and by-laws

All municipal regulations, laws, by-laws and special requirements of the Local Authority shall be adhered to unless otherwise specified.

3.4.5 General Maintenance

The following specifications shall be adhered to.

3.4.6 General Installation Requirements

- (a) All materials and equipment supplied and installed shall be new, high quality and designed and manufactured to the relevant specifications and suitable for providing efficient, reliable and trouble-free service.
- (b) All work shall be executed in a workman-like manner by qualified registered plumbers.
- (c) All equipment, component parts, fittings and materials supplied and/or installed, shall conform in respect of quality, manufacture, test and performance to the requirements of the applicable current SANS specifications and codes, except where otherwise specified or approved by the Project Manager in writing.
- (d) All materials and workmanship which, in the opinion of the Project Manager, are inferior to that specified for the work will be condemned. All condemned material and workmanship shall be replaced or rectified as directed and approved by the Project Manager.
- (e) The Contractor shall submit a detailed list of the equipment and material to be used to the Project Manager for approval before placing orders or commencing installation.
- (f) All new piping shall be installed and positioned so as not to impede on access routes, entrances and other services. The Contractor shall coordinate these new pipe routes taking other services and equipment into account.

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- (g) All control equipment and serviceable items shall be installed and positioned so that they will be easily accessible and maintainable.
 - (h) The Contractor shall make sure that all safety regulations and measures are applied and enforced during the repair and maintenance work to ensure the safety of the public and MCLM.
 - (i) Maintenance work shall be programmed in such a manner as to ensure the shortest possible downtime of any service and the least inconvenience to MCLM and the public. The Contractor shall make sure that the necessary notifications and notices are timeously put into place for these activities.

3.4.7 General Requirements for Installation of Domestic Water Installations

- (a) All pipes are to be carefully examined for defects and flaws before installation and shall be neatly fitted. They shall be installed in such manner as to prevent the formation of air locks. Automatic air vents shall be installed on all high points of the installation.
- (b) The ends of all the pipes are to be clean, free from burrs, and rough edges, and joined together tightly. Where applicable such as with galvanised piping, an approved pipe-jointing compound may be sparingly used with best quality hemp. All surplus or exposed hemp is to be thoroughly cleaned off joints before the painting of pipes. Pipes to be installed underground shall comply with the requirements of SANS 1200L and SANS 1200LB as far as bedding, excavation and backfilling are concerned.
- (c) All vertical pipes must be securely fixed with brackets and supports of approved type, into the wall and not more than 40 mm from the wall. These fixings must be strictly adhered to.
- (d) Pipes installed in service ducts and ceiling voids are to be perfectly plumbed and secured with approved brackets, fixed securely at distances not exceeding the specified distances and not more than 40 mm away from the face of the walls or soffits. Pipes must be free to move in the brackets. Pipes inside buildings and where specified shall be chased into walls, wrapped with building paper and properly secured and covered.
- (e) Pipes passing through walls and concrete floors are to be provided with suitable pipe sleeves extending 10 mm beyond finished floor or wall surfaces. All pipe fixings and throughways shall be free to allow movement for expansion and contraction. Any pipefitting used to join a pipe that is rigidly secured by a structural element shall be securely anchored to prevent any stress developing between the fitting and the structural element.
- (f) Chromium or nickel-plated metal covering plates are to be provided and fixed securely to pipes passing through the ceilings and walls. This requirement is not applicable to concrete floors and ceilings.
- (g) Pipes passing through the ceilings or floors shall be offset from the wall to the front of the cornice with sufficient clearance to allow for the clear fixing of a ceiling plate. Pipes shall not be installed directly through the cornice. In multi-storey buildings where wall thickness varies, the same shall apply.
- (h) All offsets are to be evenly and symmetrically set, the offsets being as near to the ceiling as possible.
- (i) Pipes shall be installed in such a manner to allow for contraction and expansion.
- (j) During construction, all pipe ends shall be kept plugged to prevent any ingress of dirt, rubble, etc.
- (k) Damages, chases, holes, etc, in brickwork, concrete and other finishes resulting from repair, replacement and service work shall be made good to match the existing and shall include plaster, concrete work, brickwork, paint, tiling, ceilings and all required materials for the remedial action.
- (l) The work shall be of a high quality and executed by qualified tradesmen in accordance with the relevant specifications.

3.4.8 General Requirements for Maintenance of Soil and Waste-Water Systems

The following requirements shall apply to this installation unless otherwise specified.

3.4.9 Underground sanitary drainage installations

- (a) All manhole covers and frames shall be cast into the concrete cover slabs.
- (b) Manholes in trafficable areas shall be provided with type 1A heavy-duty cover and frame and surrounded by concrete slabs.
- (c) Fittings in the ground and below floor slabs shall be without access eyes.
- (d) Sewer pipes in the ground with a slope steeper than 1:5 and/or under surface beds shall be encased in concrete as detailed.
- (e) The sewer outside the boundary of a building complex shall be constructed strictly in accordance with the details and specifications of the local authorities.
- (f) Existing drainage invert levels and positions are to be checked against invert levels given on the drawings before commencing the work. The Contractor shall inform the Project Manager immediately of any discrepancy.
- (g) All affected existing services are to be located and exposed before commencing the proposed repair work.
- (h) The drainage system shall be tested according to the specifications laid down by the NBRI. This shall be carried out in the presence and to the satisfaction and approval of the Project Manager.
- (i) During construction, all pipe ends are to be suitably plugged to prevent any ingress of dirt, rubble, etc.
- (j) Modern technology video surveying equipment and detection equipment shall be utilised if so approved by the Project Manager to establish blockage problems and indicate the positions of such problems.
- (k) Any drainage pipe within the 45° range below building foundations shall be encased in concrete or soil crete as specified.

3.4.10 Above ground sanitary drainage installations

- (a) All accessible waste and soil fittings above ground level shall have inspection eyes. Inspection eyes shall not be underneath any fittings.
- (b) All single wash hand basins shall be connected to a 40 mm internal diameter waste pipe.
- (c) All groups of wash hand basins and sinks shall be connected to a 50 mm internal diameter waste pipe, unless otherwise indicated.
- (d) All traps up to and including 50 mm diameter shall be of the "deep reseal" (75 mm) type.
- (e) The maximum bend on any single fitting shall be 45°, with the exception of ventilation pipes where bends of up to 90° may be used.
- (f) Drainage pipes and fittings running below concrete slabs and along walls and columns shall be suspended by means of approved type hangers, holder bats, etc, placed at appropriate intervals, to provide a rigid, proper suspended system as required by the manufacturer.
- (g) All ventilation pipes shall be finished off with a suitable durable grating.
- (h) All S-trap WC pans shall have plugged anti-siphon horns fitted to provide for cleaning access.

3.4.11 Repair work to the soil and wastewater drainage

- (a) Replacement of damaged, broken, leaking, corroded above-ground and underground pipework and fittings;
- (b) Replacement of damaged, broken and missing gully gratings, manhole covers and frames, cleaning eye covers, screws and bolts, inspection of eye covers, screws and bolts, end caps and vent cowls;
- (c) Repair work to damaged manholes, gullies, cleaning eyes, etc, including builder's work and benching;
- (d) Initial unblocking and cleaning of all drainage pipework, traps and gullies;
- (e) Repair of sewerage system where necessary;

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- (f) At the discretion of the Project Manager, video surveying of all underground drainage pipework may be required to establish root ingress, damaged pipework, fat build-up, blockages, incorrect falls, sagging and as-built information. This survey shall be utilised to establish the extent of repair and upgrade work to be executed;
 - (g) The drainage system shall be tested according to the specifications laid down by the NBRI. This test shall be carried out in the presence and to the satisfaction and approval of the Project Manager.
 - (h) Pipe couplings: Repair sections shall be joined utilising existing pipe sockets and collars where possible. Repair couplings shall be used with the approval of the Project Manager to match existing pipework.
 - (i) Repairing of leaks: Where leaks occur at pipe sockets or collars the affected section will be cut from the pipeline and repaired using repair couplings. Where obvious leaks occur due to displaced sealing rubbers they will be replaced if the replacement can be done economically by lifting adjacent pipes.
 - (j) Cleaning of sewerage network entails the removal of silt, debris and vegetation from within the pipelines and manholes and the general cleaning of areas where leakage has occurred. This can be done either mechanically or chemically according to the more appropriate method as specified by the Project Manager. Material removed from the pipe system or culverts shall be disposed of to a suitable spoil site.

3.4.12 Pressure Testing of Water Pipes

- (a) All new pipe installations shall be pressure tested before being taken into use. The Project Manager shall witness this pressure test. Tests shall be carried out both on surface-mounted and buried pipework. Buried pipes shall be backfilled except at fittings and joints before being tested.
- (b) Completed sections of the pipe installation shall be filled with water after all branches have been plugged, sealed or closed.
- (c) The section of pipe shall be hydraulically pressure tested by means of a suitable manually operated or mechanically driven pressure pump.
- (d) A pressure of at least 1,5 times the working pressure of the class rating of pipes or fittings shall be applied for a period of time specified in the specifications or as recommended by the manufacturers. (Refer to SANS 1200 L for minimum and maximum test pressures.)
- (e) Tests shall not be performed against closed valves.
- (f) Leakage that occurs shall be measured, calculated, and checked against the allowable losses, as specified in SANS 1200 L.
- (g) If the completed section of pipe complies with all specifications and passes the tests and inspection, to the approval of the Project Manager, and the Contractor shall backfill the open sections of trench at the joints and connections, where applicable.

3.4.13 Air Test for Sewer and Drains

The following air test requirements are specified in the NBR information sheet X/BOU 2-34 and are reproduced here. They shall be applicable to all air tests on new sewers and drains installed under the repair work phase, and shall be executed by the Contractor and witnessed by the Project Manager.

3.4.14 Method of air testing

All openings in the pipeline are plugged by means of sewer testing plugs. The sewer plug at the lowest end of the pipeline is connected to an air supply hose, which is attached to a mechanically driven air blower, compressor or hand pump. Air is pumped into the pipeline at a pressure of approximately 375 mm water gauge. The pressure is held at this level for a period of two minutes to allow the air temperature to become constant. Subsequently the air supply is closed off and the time recorded for the air pressure to drop from 250 to 125 mm water gauge. If the recorded time is less than the value given in table below, it means that the pipeline leaks and does not comply with the required standards of tightness. The apparatus required for the air test is commercially available.

The following requirements have to be taken into account when performing the air test:

- (a) Air-permeable pipelines such as vitrified clay or asbestos cement should preferably be tested when moist or wet.
- (b) The trench should be partially backfilled before the test is carried out. This is to stop possible temperature variations and to prevent damage to the pipeline during subsequent backfilling operations.
- (c) The testing equipment should be shielded from the direct rays of the sun.
- (d) Flexible joints are recommended for sewer and drain pipelines. Good quality flexible joints are superior to cement caulked joints and they also provide the pipeline with flexibility to prevent cracking due to subsequent soil movement.
- (e) The test method is very sensitive to flaws in the pipeline, such as cracks or leaking joints. The actual positions of flaws along the pipeline can be determined by using special equipment.
- (f) If the pipeline is below the water table and subjected to external water pressure, the test method should be modified so that the final pressure value are higher than that of the external water pressure acting on the lowest part of the pipeline.

Minimum times for pressure drop of 250 mm to 125 mm water gauge

Pipe (diameter (mm))	Minimum time (min - s)	Critical length of pipeline (m) (58 m ² internal surface area)	Minimum time (s) for longer length (L) of pipeline
100	1 - 58	184,6	0,640 L
150	2 - 57	123,1	1,439 L
200	3 - 56	92,3	2,559 L
225	4 - 26	82,1	3,239 L
250	4 - 55	73,8	3,998 L
300	5 - 54	61,5	5,757 L
375	7 - 23	49,2	8,996 L
450	8 - 51	41,0	12,954 L
525	10 - 20	35,2	17,632 L
600	11 - 49	30,8	23,030 L

3.4.15 Tests and inspections on completion of repair work

Except where otherwise provided in the Contract, the Contractor shall provide all labour, materials, power, fuel, accessories and properly calibrated and certified instruments necessary for carrying out such tests. The Contractor shall arrange for such tests and he/she shall give at least 72 hours notice to the Project Manager, in writing, prior to commencing test.

In the event of the installation not passing the test, the Project Manager shall be at liberty to deduct from the Contract price all reasonable expenses incurred by the Project Manager attending the repeated test.

Whenever any installation or equipment is to be operated for testing or adjusting as provided for above, the Contractor shall operate the entire system for as long a period as may be required to prove satisfactory performance at all times in the occupied space served by that system for up to twenty-four hours a day continuously until the system is handed over.

The Contractor shall provide all labour and supervision required for such operation and the Department may assign operating personnel as observers, but such observation time shall not be counted as instruction time.

After completing the installation or system, all equipment shall be tested, adjusted and readjusted until it operates to the satisfaction and approval of the Project Manager.

The Contractor shall submit certificates of tests carried out to prove the soundness of all installations.

3.4.16 Operating and Commissioning of Plant and Installation

On completion of the repair work and/or the installation of new pipe systems and items of equipment the system and equipment shall be put into operation after all tests have been carried out to the satisfaction of the Project Manager. The Contractor shall operate the system for a period as specified by the Project Manager and train the staff of MCLM to maintain the system. This period shall not exceed one month.

Logging of the operation of the installations shall commence immediately upon commencement of their use.

The Contractor shall submit a full commissioning report.

3.4.17 Guarantee of Equipment and Material

The Contractor shall provide and obtain guarantees from the manufacturer(s) and/or supplier(s) to the effect that each new fitting, pipe or other item of material and equipment supplied and installed during the course of any repair work performed. These guarantees are to be ceded to MCLM.

RAINWATER DISPOSAL SYSTEMS

General

Maintenance work to the rainwater disposal system shall include but not be limited to the following:

- (a) Maintenance of damaged, broken, leaking and corroded pipework and fittings;
- (b) Maintenance of damaged, broken and missing rainwater outlets, storm water catch pit gratings, manhole covers and frames and floor drains;
- (c) Repair work to damaged manholes, catch pits, curb inlets, channel drains and drain points including builder's work and benching;
- (d) Initial unblocking and clearing of all rainwater drainage pipes, manholes, catch pits, drain points, channel drains and gutters;
- (e) Prevention of the ingress of any unauthorised effluent into this drainage system;
- (f) Realign and fix gutters to correct falls where necessary, including additional brackets where required.

Material and equipment specification for rainwater disposal systems

Materials and equipment to be used for repair items shall be suitable and/or adaptable to the existing installation and shall comply with the following:

- (a) The piping system shall be tested as indicated in this specification as specified. Where possible clay pipes should be replaced with uPVC pipes with the necessary adaptors.

- (b) Supercast cast-iron pipe and fittings

Supercast cast-iron pipes can be used for underground and above ground installations. Plain-ended cast-iron pipes and fittings, manufactured from 150, grade A grey iron in accordance with SANS 1034 shall be used. Fittings and pipes shall be free of pinholes, blowholes, blemishes, flash and foundry sand and have a smooth bore. All pipes and fittings shall be sandblasted and coated on the inside and outside by submersion in a corrosion inhibiting oxide primer or bitumen paint.

The pipes and fittings shall be joined by means of stainless steel neoprene couplings as supplied by the manufacturer of the pipe system. The coupling shall be installed according to the manufacturer's specification and tightened with a torque wrench to a torque of 6, 8 Nm.

(c) uPVC pipe and fittings above ground

uPVC pipes and fittings shall be used for above ground installations.

For pipe sizes larger than 160 mm diameter uPVC class 6 pressure pipe to SANS 966 shall be used with prefabricated uPVC bends and junctions. Prefabrication shall be done by means of hot air welding of fittings to be covered with three layers of fibreglass-reinforced lining over welded sections. The resin to be used shall be as specified by the manufacturer for usage with PVC. Bends shall be manufactured out of 3 to 4 sections per bend. Pipe jointing shall be done by means of couplings fixed with solvent cement for PVC piping. This joint shall be reinforced with a fibreglass lining of three layers.

Piping has to be supported and bracketed with properly sized and designed brackets consisting of two half sections clamped over the pipe and shall with two hanger rods.

Pipes be pressure tested in sections as specified in this specification.

(d) Galvanized steel piping and fittings above ground

Galvanized steel piping shall be used for above ground rainwater drainage systems. The pipe to be used shall be plain ended medium gauge uncoated pipe to SANS 62 galvanized to SANS 763. All fittings are to be manufactured from the same material welded with flanged ends or rolled ends to fit clamp on fittings. Fittings are only to be galvanized after manufacturing. All joints to be either flanged or equipped with clambon couplings. All fittings and junction to be 45° sections.

The pipe system shall be properly secured and bracketed at regular intervals with correctly sized and designed galvanized brackets.

Pipes are to be pressure tested in sections as specified in this specification.

(e) HDPE pipe and fittings

HDPE pipes and fittings can be used for underground and above ground installations where specified. Pipes shall be plain ended and only HDPE bends and fittings shall be used. Jointing of pipes and fittings shall be done by butt welding, electro-sleeve couplings and/or flanged joints. Pipes and fittings shall only be installed by approved installers and the Contractor shall furnish a certificate to this effect. Pipes and fittings shall be installed strictly according to the application technique.

Pipes to be pressure tested in sections as specified in this specification.

(f) Roof outlets

Where waterproofing is installed, as for roof slabs, an adjustable roof outlet/drainage point to be used consisting of a cast-iron unit with cast-iron ring clamp to fit over waterproofing edge and an adjustable height outlet to fit in with the screed level. For surfaces such as paving and walkways a flat grating of brass or cast iron shall be used with a catch basket. Within paving blocks, a square top frame shall be used. For roof outlets, a domed grating is to be used. Where roofs are to be covered with stones, a mesh shall be installed to prevent any stones from entering the rainwater system.

Two-way side outlets shall be used in cases where required.

Floor and roof outlets to be fitted to cast-iron pipe by means of SSN couplings.

SOIL AND WASTEWATER DRAINAGE SYSTEM

General

Maintenance work to the soil and wastewater drainage system shall include but not be limited to the following:

- (a) Replacement of damaged, broken, leaking, corroded above and underground pipework and fittings;
- (b) Replacement of damaged, broken and missing gully gratings, manhole covers and frames, cleaning eye covers, screws and bolts, inspection eye covers, end caps and vent cowls;
- (c) Repair work to damaged manholes, gullies, cleaning eyes, floor drains, etc, including builder's work and benching;
- (d) Initial unblocking only of all blocked drainage pipework, traps, floor drains, gullies and the cleaning of sanitary ware equipment;
- (e) Video surveying of all underground drainage pipework when so authorised by the Project Manager to establish root ingress, damaged pipework, fat build-up, blockages, incorrect falls, sagging and as-built information. This survey shall be utilised to establish the extent of repair and upgrade work to be executed;
- (f) Maintenance work to bracketing systems including fixing and maintenance of existing brackets and the introduction of additional brackets where required;
- (g) Re -fix and bracket sanitary ware equipment to walls, floors, etc, where required;
- (h) Clean out sanitary ware and equipment traps;
- (i) Test pipe system, traps and equipment for leakage;
- (j) Empty, clean out separators, clean out strainers, and test for leak tightness, re-commission oil and grease separators. Check the conformance of the capacities of the oil and grease separators in relation to the facilities they serve; where necessary these shall be upgraded and where no separators have been provided, new separators shall be provided;

Material and equipment specification for soil and wastewater drainage systems

- (a) Materials and equipment to be used for repair items shall be suitable and/or adaptable to the existing installation.
- (b) Supercast cast-iron pipe and fittings

Where cast-iron stub stack overflow gullies are used with pipe materials such as PVC a rubber O-ring shall be used to fit over the PVC pipe into the cast-iron fitting. The joint shall be grouted up afterwards.

Above ground, piping shall be bracketed with properly sized and designed brackets according to the manufacturer's specification at correct intervals.

The piping system shall be tested in accordance with the NBR

- (c) uPVC soil and waste pipe and fittings

uPVC soil, vent and waste pipe systems can be used for underground and above ground drainage installations. This piping shall conform in all respects to SANS 971 for underground systems and to SANS 967 for above ground systems.

All underground pipes, as well as soil pipes above ground, shall be joined by means of rubber ring seal couplings and fittings in accordance with the manufacturer's specification. All waste and vent pipes shall be joined by means of solvent weld fittings and couplings. The solvent weld glue to be used shall be as specified by the pipe manufacturer, allowing for thermal contraction and expansion.

The piping system shall be pressure tested in accordance with the NBR.

(d) Structural wall uPVC pipes and fittings

Structural wall uPVC drainage pipe shall be used for underground drainage systems. This piping system shall be used with standard underground uPVC pipe fittings, equipped with rubber ring joints. The pipe shall be equipped with z-lock type rubber ring joints.

(e) HDPE pipes and fittings

(f) Stainless steel floor traps and floor channels

Stainless steel floor traps and channels shall be manufactured from 304 stainless steel with a load capacity of 1 500 kg. The floor traps shall have a flow capacity of 3 litre/second.

The units shall be fitted with a double water seal, large sludge box and shall be easily dismantled for cleaning purposes. Tiling keys and waterproofing flanges shall be provided where required. Side inlets with diameter of 50 mm shall be provided for waste connections to other equipment where required.

(g) Cast-iron floor traps

Cast-iron floor traps shall be manufactured from cast iron and shall be fitted with a water seal and a large sludge box and lid to be easy removable for maintenance purposes. The unit shall be designed such as to provide access to the drainage system and to be used as a cleaning point.

DOMESTIC WATER DISTRIBUTION AND RETICULATION NETWORKS

General

Maintenance work to the domestic water distribution and reticulation networks shall include, but not be limited to the following:

- (a) Replacement of damaged, broken, leaking, corroded above and underground pipe work, fittings and equipment;
- (b) Service valves, which shall include new gaskets, gland packings, seals, bolt and nuts, etc;
- (c) Where valves do not close properly, all these valves shall be refurbished, descaled or replaced where necessary;
- (d) Clean and service all strainers, including the replacement of strainer elements where corroded and installation of new gaskets;
- (e) Service, test and readjust pressure-reducing valves. Pressure gauges are to be recalibrated and checked. Up and downstream pressures are to be logged. Downstream pressure has to be adjusted to an acceptable level, taking into account the allowable working pressure of the system and its components;

- (f) Service and check the proper functioning of all non-return valves;
- (g) Service, readjust and calibrate all safety and expansion relief valves;
- (h) Service and clean out all air release valves and vacuum breakers;
- (i) Maintenance work to bracketing systems including fixing and maintenance of existing brackets and provision of additional brackets where required;
- (j) Hot-water pipe lagging and cladding shall be inspected, repaired, sealed and replaced where required;
- (k) Log readings of water meters including cleaning of integral strainers;
- (l) Water storage tanks and pressed steel tanks are to be emptied, cleaned out, sealed, sanitised and put back into operation. Ball float and/or filling valves to these tanks are to be serviced and repaired where required;
- (m) Water pipes are to be sampled for corrosion and scaling. The Project Manager will evaluate the actions to be taken if the results of this sampling indicate that attention is required;
- (n) Water supply has to be sampled and chemically analysed for the suitability to the systems and materials it serves;
- (o) Domestic geysers are to be serviced in accordance with the manufacturer's specification and SANS 0254 shall include descaling, replacement of elements, testing for any leaks, checking of safety valve operation (replace if required), testing of the thermostat operation and set point (replace if necessary);
- (p) Pressure test and sterilise repaired new installation and equipment;

Excavation

(a) **Excavation**

The width of the excavation shall be sufficient to allow the proper laying, bedding and backfilling of the pipelines. The width of the excavation for each type and size of pipeline shall be as set out in SANS 1200 DB.

The depth of the excavation for each type and size of pipeline shall depend on site conditions and the amount by which the excavation is to exceed the proposed level of the invert of the pipeline and shall be sufficient to allow the type and thickness of bedding material instructed by the Project Manager.

Where excavation is to be carried out through asphalt premix or concrete, the asphalt/concrete shall be cut neatly and vertically with approved sawing equipment before the asphalt/concrete is removed.

Repairs to damaged existing wear surfaces must be under taken by the civil contractor.

(b) **Classification of excavation**

All excavations shall be classified as follows for payment purposes:

(i) **Hard material**

Material that cannot be excavated except by drilling and blasting or with the use of pneumatic tools or mechanical breakers and boulders exceeding 0, 10 m³ shall be classified as hard material.

Where more than 40% of any material (by volume) consists of boulders each exceeding 0, 10 m³ in size, the material shall be classified as hard material.

(ii) Soft material

All material not classified as hard material shall be classified as soft material.

Notwithstanding the above classification, all material excavated from previously constructed fills, subgrades and sub bases shall be classified as soft material.

(c) Repairing of leaks

Where leaks occur at pipe sockets or collars the affected section shall be cut from the pipeline and repaired using repair couplings.

Where obvious leaks occur due to displaced sealing rubbers, the rubbers shall be replaced if the replacement can be done economically by lifting adjacent pipes.

Material and equipment specification for domestic water distribution and reticulation networks

Materials and equipment to be used for repair items shall be suitable and/or adaptable to the existing installation and shall comply with the following requirements:

(a) Copper pipe installation

- (i) The installation of copper piping systems shall be done in accordance with the manufacturer's instructions and all relevant codes, standards and regulations.
- (ii) Copper pipes shall only be installed downstream of galvanized mild steel pipes when applicable.
- (iii) Where dissimilar metals are joined, dielectric or isolating couplings shall be used. This is not required where copper and brass alloys fittings adjoin.
- (iv) Copper pipes shall be of the hard drawn type Class 0 in accordance with SANS 460 and shall be joined by means of capillary soldered type fittings. No compression type fittings shall be allowed unless otherwise specified.
- (v) Copper capillary soldered type fittings shall be used in accordance with ISO 2016, SANS 1067, DIN 2856 or BSS 864.
- (vi) The soldering flux to be used shall be water based and easily flushed out, withstand temperatures above 240 °C and shall contain no ammonia. The flux shall be non-toxic when dissolved in water.
- (vii) The solder to be used shall be in accordance with SANS 24 and shall consist of a material containing 97 % tin and 3 % copper. Solders containing lead, resin core and acid core shall not be used.

- (viii) The heat source to be used shall be propane gas with induction air, at a temperature not higher than 240 °C. The pipe ends and fittings shall be cleaned and waxed with an approved solder flux, before soldering. The pipe and fittings shall then be fitted together and heated to the correct temperature before the solder is applied. Care must be taken not to add too much or too little solder to the joint. Immediately after setting of the solder, the joint shall be wiped clean with a wet cloth. Pipes shall be washed out as soon as possible after jointing and all traces of flux shall be removed.
- (ix) All bronze or brass equipment and fittings shall be of the dezincification resistant (DZR) type.
- (x) Copper pipes and fitting shall be installed strictly to the manufacturer's specification which shall include the following:
- (1) No labour bends;
 - (2) Provision for thermal contraction and expansion of pipes;
 - (3) Pipe brackets shall be installed at appropriate positions where pipes are installed on surface level;
 - (4) Pipes chased or built into walls or floors shall be wrapped with two layers of building paper or similar approved material. Hot and cold water pipes running next to each other shall be at least 50 mm apart;
 - (5) Equipment fixed to copper pipe outlets, where the pipes are surface mounted or built into walls, shall be done by means of copper wall plate fittings on the copper pipes, properly secured to the structure to prevent structural damage to soldered joints.
- (xi) Pipe hangers and brackets shall be of copper, copper alloy or non-conductive materials. No piece of copper pipe shall touch any other conductive surface. Brackets shall be designed to structurally support and fix the pipe system, and shall allow enough clearance from walls, soffits, etc, to insulate hot-water pipes and maintain equipment.
- (xii) Pipe hangers and brackets shall be installed according to the manufacturer's specification on the following maximum spacings:

PIPE DIAMETER (mm)	HORIZONTAL (metre)	VERTICAL (metre)
15	1,3	1,9
22 and 28	1,9	2,5
35 and 42	2,5	2,8
54	2,5	3,9
67 – 108	2,8	3,9

- (xiii) All copper pipes open to structural damage, shall be protected by steel sleeves or a structurally designed cover.
- (xiv) All pipework shall be pressure tested and sterilised as specified.
- (xv) Where flanged fittings are used, cadmium-plated bolts, nuts and spring washer shall be used to join these flanges.
- (xvi) All hot-water pipes shall be lagged as specified.

- (xvii) Shut-off valves shall be installed on all branch pipes and ball-o-stop valves shall be installed on all connectors to basin pillar cocks, sink mixers, cistern type WCs and other fittings.
- (xviii) All pipes shall be marked in accordance with SANS 0140 or as specified by the Project Manager.
- (xix) Approved type expansion bellows shall be installed where required for expansion and contraction to prevent excessive strain on fittings and soldered joints.

(b) Galvanized steel pipe installations

- (i) All galvanized steel pipes shall be medium gauge mild steel screwed and socketed pipes to SANS 62 and shall be normalised and marked as such by the manufacturer. Pipes shall be hot-dip galvanized to SANS 763.

All fittings shall be malleable cast-iron fittings to SANS 509 and galvanized to SANS 763.

- (ii) All 80 mm diameter and larger pipes shall be joined with Class 16 flanged couplings to SANS 1123/1600. The bolts, nuts and spring washers to be used on these joints shall be cadmium-plated.
- (iii) In pipe ducts and elsewhere pipes shall be fixed onto walls, soffits, etc, with approved type of supports, holder bats, clamps, etc. Brackets shall be designed to structurally support and fix the pipe system and shall have enough clearance from walls, soffits, etc, to insulate hot-water pipes and maintain equipment.
- (iv) Pipes shall be supported according to the manufacturer's specifications with approved brackets at the following maximum intervals:

PIPE DIAMETER (mm)	HORIZONTAL (metre)	VERTICAL (metre)
15 dia. to 20 dia.	1 200	1 830
32 dia.to 40 dia.	1 830	2 450
50 dia. to 150 dia..	2 450	3 050

- (v) Pipes shall be installed in such a manner as to prevent air locks. A minimum rise of 1:250 shall be maintained to high points, which shall be fitted with suitable air release valves.
- (vi) All pipes shall be marked according to SANS 0140 or as specified by the Project Manager. All surface pipes shall be painted.
- (vii) Pipes shall be installed flush with brick walls before plastering unless otherwise instructed by the Project Manager.
- (viii) Provision shall be made for thermal contraction and expansion.
- (ix) The type of pipe joint compound shall be approved by the Project Manager and used sparingly with good quality hemp. For pipes larger than 80 mm diameter a jointing compound such as Epidermix 32 or similar approved SANS material shall be used.
- (x) Any pipe buried shall have at least 900 mm cover and be coated and wrapped to SANS 1117 and tested in the presence of the Project Manager.
- (xi) All exposed hot water pipes shall be lagged as specified.
- (xii) All pipework and fittings shall be pressure tested and sterilised as specified

- (xiii) Valves shall be installed on all branch pipes and ball-o-stop valves on all connectors to basin pillar cocks, sink mixers, cistern type WCs and other fittings.
- (xiv) Approved type expansion bellows shall be installed where required for expansion and contraction to prevent excessive strain on fittings and pipe joints.

(c) uPVC underground pipe installations

uPVC piping shall conform to SANS 966 with rubber ring type joints.

- (i) All bends shall be uPVC type fittings with rubber ring joints.
- (ii) All other fittings such as T-pieces, reducers, flanges, etc, shall be bitumen-dipped cast-iron rubber ring jointed fittings to SANS 546.
- (iii) No solvent weld type fittings will be allowed.
- (iv) All cast-iron fittings shall be coated and wrapped to SANS 1117.
- (v) All pipes shall be laid on a 100 mm sand-bedding cradle and covered with 300 mm sand before backfilling.
- (vi) All backfilling shall be in accordance with SANS 1200 DB and to the Project Manager's approval.
- (vii) Pipe trenching and bedding:

AREA	MINIMUM COVER	BEDDING TYPE	MAIN FILL
Vehicle traffic	1 100	Flexible pipe bedding as per SANS 1200 LB	Soil crete
Under surface bed	600		Soil crete
Other areas	900		90 % of modified AASHTO density

- (viii) All thrust blocks shall be cast between the pipe and the undisturbed trench material.
- (ix) No concrete shall come into direct contact with the UPVC pipe. At the thrust blocks, the bend shall be wrapped with a Densopol 80 HT Tape or similar SANS approved.
- (x) HDPe pipe connections to uPVC pipes up to 50 mm can be done by means of SG Iron manufactured saddles with the appropriate gaskets and cadmium-plated bolts and nuts.
- (xi) All pipe crossings under roads and parking areas shall be backfilled as specified
- (xii) All pipework shall be pressure tested with all joints uncovered, to the satisfaction of the Project Manager.
- (xiii) Suitably sized air release valves built into valve chambers shall be installed at all high points of the pipeline.

(d) HDPE underground pipe installations

- (i) HDPE piping shall be Type 4 HDPE pipe to SANS 533.
- (ii) All fittings shall be of Plasson compression type or similar approved SANS material and shall conform to ISO/DIS 3458.

- (iii) All pipes shall be laid on a 100 mm sand-bedding cradle and covered with 300 mm of sand of selected material.
- (iv) All backfilling shall be in accordance with SANS 1200 DB and to the Project Manager's and approval.
- (v) Pipe trenching and bedding:

AREA	MINIMUM COVER	BEDDING TYPE	MAIN FILL
Vehicle traffic	1 100	Flexible pipe bedding as per SANS 1200 LB	Soil crete
Under surface bed	600		Soil crete
Other areas	900		90 % of modified AASHTO density

- (vi) No concrete shall come into direct contact with the HDPE pipe. At these points, the fittings shall be wrapped with Densopol 80 HT tape or similar SANS approved.
 - (vii) All pipe crossings under roads and paring areas shall be backfilled as specified.
 - (viii) All pipework shall be pressure tested with all joints uncovered to the satisfaction of the Project Manager.
 - (ix) Suitably sized air release valves built into valve chambers shall be installed at all high points of the pipeline.
- (d) Valves
- (i) Gate valves underground in valve chambers to connect to uPVC piping (65 mm NB and larger)

Gate valves are to be equipped with non-rising spindle, spherical graphite iron body to SANS 936 Grade 42, cast-iron nitrile butadiene rubber covered gate, stainless steel spindle, nitrile butadiene rubber O-rings and seals, cast-iron bonnet and gunmetal thrust collar to BS 1400 LG2.

The valves shall conform to SANS 664 and/or 665 and shall be capable of withstanding a working pressure of 1 600 kPa.

The valves shall be fitted with a square key spindle top to close the valves in clockwise direction and socket ends to SANS 665 to fit into uPVC Class 12 pipe and shall be installed to details provided.
 - (ii) Gate valves underground in valve chamber to connect to HDPE piping

The gate valves shall be of the brass type with brass gate, brass body, non-rising spindle and BSP threaded socket ends. The valves shall conform to SANS 776 Class 125. The valves shall be able to withstand a working pressure of 1 600 kPa. The valve shall be fitted with a hand wheel on an extended spindle shaft of 700 mm to close in a clockwise direction and shall be installed to details provided.
 - (iii) Gate valves above ground for temperatures up to 40 °C to connect to steel piping (65 mm NB and larger)

Gate valves are to be equipped with non-rising spindle, spherical graphite iron body to SANS 936 Grade 42, cast-iron nitrile butadiene rubber covered gate, stainless steel spindle, nitrile butadiene rubber O-

rings and seals, cast-iron bonnet and gunmetal thrust collar to BS 1400 LG2.

The valves shall conform to SANS 664 and/or 665 and shall be capable of withstanding a working pressure of 1 600 kPa.

The valves shall be fitted with flanged ends to SANS 1123, table 16, hand wheel to close the valves in a clockwise direction and installed in an upright position or sideways to a maximum 90 ° from upright.

(iv) Gate valves above ground for temperatures above 40 °C to connect to steel piping (65 NB mm and larger)

Gate valves shall be equipped with non-rising spindle, spherical graphite iron body to SANS 963 Grade 42, cast-iron gate, gunmetal seat and gate rings, high-tensile bronze spindle, cast-iron bonnet and gunmetal thrust collar to BS 1400 LG2.

The valves shall conform to SANS 665 and shall be capable of withstanding a working pressure of 1 600 kPa and a temperature of 90 °C.

The valve shall be fitted with flanged ends to SANS 1123, table 16, hand wheel to close the valve in a clockwise direction and installed in an upright position or sideways to a maximum 90° from upright.

(v) Gate valves above ground to fit to copper pipes (65 mm NB and larger)

Gate valves shall be equipped with non-rising spindle, gunmetal bronze or dezincified brass body, gunmetal or dezincified brass gate and graphite asbestos packing in the gland.

The valve shall be fitted with a hand wheel to close in a clockwise direction and installed in an upright position or sideways to maximum 90° from upright.

The valve shall be equipped with flanges to SANS 1123, table 16, hand wheel to close the valve in a clockwise direction and installed in an upright position or sideways to a maximum 90° from upright.

(vi) Gate valves above ground for temperatures up to 100 °C (up to 50 mm NB)

The gate valves shall be of the dezincified brass type with brass gate, brass body, non-rising spindle and BSP threaded socket ends. The valve shall conform to SANS 776, Class 125.

The valves shall be able to withstand a working pressure of 1 600 kPa.

The valve shall be equipped with a hand wheel to close in a clockwise direction.

The valve shall be installed in an upright position or sideways to a maximum 90° from upright and shall be so placed with other fittings to be removable without cutting the pipework.

(vii) Ball-O-Stop valves

These valves shall be full-way ballcock type with BSP threaded ends. The valves shall conform to SANS 1056, Part 3, shall be rated for a test pressure of 2 000 kPa, and shall be chrome-finished where exposed.

(viii) Angle regulating valves

These valves shall be 15 mm chromium-plated angle regulating valves with a 350 mm chromium-plated copper tube and cap nuts where required.

(f) Strainers(i) Strainers for connection to steel or UPVC pipes (65 mm NB and larger)

These strainers shall be of the Y-type with cast-iron body, stainless steel or bronze strainer element and shall be equipped with flanged ends to SANS 1123, table 16. The whole sizes of the strainer element shall be maximum 1 mm diameter and be removable without dismantling of pipework. The strainer shall be suitable for a temperature of up to 90 °C at a 1 000 kPa pressure rating and installed with the element facing downwards or a maximum of 45° sideways.

(ii) Strainers for connection to copper pipes (65 mm NB and larger)

These strainers shall be of the Y-type with bronze or dezincified brass body, stainless steel strainer element and must be equipped with flanged ends to SANS 1123, table 16. The whole sizes of the strainer element shall be maximum 1 mm diameter. The strainer element shall be removable without dismantling of pipework. The strainer shall be suitable for a temperature of up to 90 °C at a 1 000 kPa pressure rating and installed with the element facing downwards or a maximum of 45° sideways.

(iii) Strainers for connection to steel and copper pipes (up to 50 mm NB)

These strainers shall be of the Y-type with bronze or dezincified brass body, stainless steel strainer element and must be equipped with BSP threaded socket ends. The hole sizes of the strainer element shall be maximum 0,8 mm diameter. The strainer shall be suitable for a temperature of up to 90 °C at a pressure rating of 1 000 kPa and installed with the element facing downwards or a maximum of 45° sideways.

(g) Non-return valves(i) Non-return valves for cold water (65 mm NB and larger)

The non-return valve shall be of the spring-loaded dual flap plate type fitted between two flanges (wafer).

The non-return valve shall be equipped with a cast-iron body, aluminium bronze plates, stainless steel springs and neoprene seals on the plates. The valves shall be suitable for a working pressure of 1 000 kPa.

(ii) Non-return valves for hot water (up to 100 mm NB and cold water (up to 50 mm NB)

These non-return valves shall be of the spring-loaded piston type, with bronze or dezincified brass body, stainless steel spring and bronze disc with neoprene seal fitted with BSP threaded socket ends. The valve shall be suitable for a working pressure of 1 000 kPa and a temperature of up to 90 °C. All valves shall be installed as to be removable without extensive pipework removal.

(h) Air release valves and vacuum breakers(i) Double orifice double-acting air release valves with sizes from 50 mm NB to 200 mm NB

This air release valve shall be fitted with small and large orifice. The air release valve shall be fitted with a cast-iron body, stainless steel or fibreglass balls, integral shut-off valve and flanged ends to SANS 1123, table 16.

The valve shall be suitable for maximum pressure of 1 600 kPa.

(ii) Single orifice air release valves for main water lines with sizes from 25 mm NB to 50 mm NB

This air release valve shall be fitted with a small orifice, cast-iron body, fibreglass or stainless steel ball float and BSP threaded inlet.

When the valve is installed, a shut-off valve shall be installed on the inlet side.

The valve shall be suitable for maximum pressure of 1 600 kPa.

(iii) Single orifice double purpose air release valves for domestic water lines up to 15 mm NB

This air release valve shall be fitted with a stainless steel float, brass or cast steel body with an integral shut-off valve fitted.

The valve shall be capable to withstand a working pressure of 1 000 kPa at 110 °C.

(iv) Vacuum breaker up to 40 mm diameter

The vacuum breaker shall be fitted with neoprene seal, spring-loaded disc in a dezincified brass or bronze body. The valve shall seal watertight and shall be designed to withstand a working pressure of 1 000 kPa and a temperature of 90 °C.

(i) Pressure-reducing valves(i) Combination pressure-reducing stations

Where a high peak flow as well as a small flow can occur and the small flow is out of the range of the large pressure-reducing valve, a small pressure-reducing valve is installed in parallel with the large pressure-reducing valve. The two pressure-reducing valves in parallel shall be set according to the manufacturer's specification.

(ii) Large pressure-reducing valves (65 mm NB and larger)

This pressure-reducing valve shall be equipped with a cast-iron body, neoprene nylon-reinforced diaphragm, bronze seal disc washer, stainless steel shaft and flanged ends. The valve shall be pilot operated and shall be designed to handle high flows at a minimum head loss.

The valve must be adjustable to handle a wide range of incoming pressures at a constant downstream pressure.

The valve shall be equipped with flanged ends to SANS 1123, table 16.

(iii) Small pressure reducing valves (15 mm NB to 50 mm NB)

This pressure-reducing valve shall be equipped with brass body, balanced single seat and integral strainer. The valve shall be able to handle a wide range of incoming pressures while the downstream pressure stays constant with maximum inlet pressure of 1 000 kPa and a maximum water temperature of 40 °C.

The valve shall be equipped with BSP male threaded brass union couplings.

(j) Adjustable balancing valves

Adjustable balancing valves shall be supplied and installed as indicated on the applicable drawings. A portable differential pressure meter shall be used, with all the necessary pipes, shut-off valves and air release valves to set the balancing valves. A graph chart shall be supplied to indicate the flow units against the valve adjustment and as the pressure differential over the valve.

The pressure gauge shall be calibrated according to the current accepted SI units.

The calibrated adjustable balancing valves shall be of the angle valve type equipped with bronze valve body, bronze disc, internal seals with BSP threaded ends. The valve shall be fitted with stopcock connection ends on inlet and outlet onto which the differential pressure gauge can be coupled. The valve shall be equipped with an indicator on the valve handle to show the position of the valve opening. The valve shall be suitable for operating at a temperature of 90 °C against a pressure of 1 000 kPa.

The reheating tape shall be of the self-regulating type equipped with a parallel circuit, self-regulating conductive core, polyolefin jacket and tinned copper braid on the outside.

The reheating tape shall be sized to maintain an operating temperature of 60 °C of water inside the pipe.

(k) Lagging of hot-water pipes(i) Preformed closed cell flame retarded flexible insulation sections

Where pipes are installed in service ducts, ceiling voids, etc, the pipes shall be insulated with Thermaflex preformed pipe insulation sections. This insulation shall be used with pipe systems where the maximum temperature is 80 °C. For a temperature higher than 80 °C preformed fibreglass sections shall be used with galvanized sheet metal muffs.

All bends and T-pieces shall be cut in a 45° mitre box to form a neat joint. All joints shall be glued together with a contact adhesive supplied by the manufacturer. Pipe sizes larger than 50 mm diameter shall be insulated with preformed fibreglass sections with canvas covers glued together with cold wood glue.

Thermaflex thickness for various pipe sizes shall be as follows:

PIPE SIZE (STEEL)	PIPE SIZE (COPPER)	THERMAFLEX THICKNESS
50 mm dia	54 mm dia	20 mm
40 mm dia	42 mm dia	20 mm dia
32 mm dia	35 mm dia	15 mm dia
25 mm dia	28 mm dia	15 mm dia
20 mm dia	22 mm dia	15 mm dia
15 mm dia	15 mm dia	15 mm dia

(ii) Preformed fibreglass sections with galvanized sheet metal muffs

All hot-water pipes in service tunnels, service corridors and where exposed to damage and/or weather shall be insulated with preformed fibreglass sections covered with galvanized sheet metal muffs in a watertight manner. Sheet metal muffs shall be installed with the joints overlapping at least 50 mm and the longitudinal overlap pointing downwards to prevent ingress of water. The sheet metal muff shall be strapped with 10 mm galvanized straps by means of a strapping tool with a minimum of 2 straps/section. All pipe bends, T-pieces, etc, shall be insulated with 25 mm diameter fibreglass rope covered with a 12 mm thick layer of self-setting fibre cement. A reinforcing gauge shall be wrapped over the fibre cement while wet and painted with mastic paint when dry.

Fibreglass section thickness for the various pipe sizes shall be as follows:

PIPE SIZE (STEEL)	PIPE SIZE (COPPER)	FIBREGLASS THICKNESS
100 mm dia	108 mm dia	50 mm dia
80 mm dia	76 mm dia	40 mm dia
65 mm dia	67 mm dia	40 mm dia
40 mm dia	54 mm dia	25 mm dia
40 mm dia	42 mm dia	25 mm dia
32 mm dia	35 mm dia	25 mm dia
25 mm dia	28 mm dia	20 mm dia
20 mm dia	22 mm dia	20 mm dia
15 mm dia	15 mm dia	20 mm dia

SANITARY AND BRASSWARE EQUIPMENT

Maintenance work to the sanitary and brassware equipment is detailed below and shall include but not be limited to the following:

- (a) Damaged and/or broken irreparable sanitary and brassware equipment shall be replaced with equal specification equipment or approved alternative. These shall be installed strictly to the manufacturer's specifications.
- (b) Sanitary and brassware equipment that is unsuitable for the purpose and application they serve are to be replaced with suitable equipment.
- (c) The quantities of sanitary and brassware equipment needed for the number of people and application they serve, shall be investigated in accordance with the current SANS 0400 application regulations. If found to be insufficient these items of equipment facilities shall be increased only if approved by the Project Manager.
- (d) Loose sanitary ware shall be re-fixed and bracketed to structures in accordance with the manufacturer's specifications.
- (e) All cisterns are to be cleaned out and filling and flushing mechanisms shall be serviced and repaired. Where beyond repair status, these items shall be replaced with items of equal specification or approved alternatives.
- (f) Unserviceable flush valves to be repaired utilizing the manufacturers repair kits only. Valves that are worn or damaged beyond repair shall be replaced with valves of equal specification. The design of the valve shall be of such type that all working components can be replaced or repaired without the necessity of changing the valve body – wear and tear must not affect the body of the valve. Brushed chrome concealed type with integral vacuum breaker, non-hold open feature and shut off device. Chrome plated vandal resistant pushbutton

activation, "Through Wall" guide tube, wall fixing and captive linkage rod assembly. Valve to be of either piston type or diaphragm type with replaceable working cylinder and piston or diaphragm.

- (g) All pillar taps, mixers, sink taps and other taps are to be serviced, utilising repair kits. Where equipment is beyond repair these items shall be replaced with items of equal specification or approved alternatives. Where equipment connections are loose, these shall be properly secured to sanitary ware and other equipment.
- (h) Leaking, corroded, or damaged chromium-plated flush pipes to water closets and urinals are to be replaced upon instruction from the Project Manager.
- (i) Replace missing and/or damaged shower gratings with gratings of equal specification or approved alternatives.
- (j) Replacement of missing or damaged tap handles with matching handles where possible, Cobra Star Pattern replacement parts are preferable with a countersunk cap screw for the fixing of the handle to the head part.
- (k) Readjust all timing mechanisms on flush valves to the correct flushing and flow times.
- (l) Where replacement of damaged or missing basin and/or sink mixer swivel arms is done it shall be with items of equal specification or approved alternative.
- (m) Replace missing or damaged toilet seats and covers with items of equal specification or approved alternatives.
- (n) Service urinal syphonic valves with replacement kits from manufacturer. Where no spares are available or equipment is damaged beyond repair, these items are to be replaced with values of equal specification or approved alternatives upon approval by Project Manager.
- (o) Clean out all bottle traps. Bottle traps that are damaged beyond repair are to be replaced with traps of equal specification or approved alternatives.
- (p) Service bath taps and mixers by utilising manufacturer's replacement kits. Where damaged beyond repair, the taps and mixers shall be replaced with items of equal specification or approved alternatives.
- (q) All tap handles to be of the crutch type where the handle is fixed to the spindle by factory press fit.
 - (i) In pipe ducts and elsewhere pipes shall be fixed onto walls, soffits, etc, with approved type of supports, holderbats, clamps, etc. Brackets shall be designed to structurally support and fix the pipe system and shall have enough clearance from walls, soffits, etc, to maintain equipment.
 - (ii) Pipes shall be supported according to the manufacturer's specifications at the following maximum intervals:

NORMAL SIZE (mm)	HORIZONTAL (mm)	VERTICAL (mm)
15 dia to 20 dia	1 200	1 830
32 dia to 40 dia	1 830	2450
50 dia to 150 dia	2 450	3 050

- (iii) All pipes shall be marked according to SANS 0140 or as specified by the Project Manager. All surface pipes shall be painted.
- (iv) Pipes shall be installed on the surface, unless otherwise specified.
- (v) Provision shall be made for thermal contraction and expansion.

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- (vi) The type of pipe joint compound shall be approved by the Project Manager and used sparingly with good quality hemp. For pipes larger than 80 mm diameter a jointing compound such as Epidermix 32 or similar SANS approved shall be used.
 - (vii) Any buried pipe shall have at least 900 mm cover and be coated and wrapped to SANS 1117 and tested in the presence of the Project Manager.
 - (viii) All pipework and fittings shall be pressure tested as specified.
- (a) uPVC underground pipe installations
- (i) uPVC piping shall conform to SANS 966 with rubber ring type joints.
 - (ii) All bends shall be uPVC type fittings with rubber ring joints.
 - (iii) All other fittings such as T-pieces, reducers, flanges, etc. shall be bitumen-dipped cast-iron rubber ring jointed fittings to SANS 546.
 - (iv) No solvent weld type fittings will be allowed.
 - (v) All cast-iron fittings shall be coated and wrapped to SANS 1117.
 - (vi) All pipes shall be laid on a 100 mm sand bedding cradle and covered with 300 mm sand before backfilling.
 - (vii) Pipe trenching and bedding:

AREA	MINIMUM COVER	BEDDING TYPE	MAIN FILL
Vehicle traffic	1 100	Flexible pipe bedding as per SANS 1200 LB	Soilcrete
Under surface bed	600		Soilcrete
Other areas	900		90 % of modified AASHTO density

- (viii) All thrust blocks shall be cast between the pipe and the undisturbed trench material.
- (ix) No concrete shall come into direct contact with the uPVC pipe. At the thrust blocks, the bend shall be wrapped with Densopol 80 HT tape or similar approved.
- (x) HDPE pipe connections to uPVC pipes up to 40 mm diameter can be done by means of SG Iron manufactured saddles with the appropriate gaskets and cadmium-plated bolts and nuts.
- (xi) All pipe crossings under roads and parking areas shall be backfilled by the civil contractor.
- (xii) All pipework shall be pressure tested with all joints uncovered to the satisfaction of the Project Manager.
- (xiii) Suitably sized air release valves built into valve chambers shall be installed at all high points of the pipeline.

(b) HDPE underground pipe installations

- (i) All HDPE piping shall be Type 4 HDPE pipe to SANS 533.
- (ii) All fittings shall be of Plasson compression type or similar SANS approved and shall conform to ISO/DIS 3458.
- (iii) All pipes shall be laid on a 100 mm sand-bedding cradle and covered with 300 mm of sand or selected material.
- (iv) All backfilling shall be to the SANS 1200 DB and to the Project Manager's approval (this work to be undertaken by the civil contractor).
- (v) Pipe trenching and bedding:

AREA	MINIMUM COVER	BEDDING TYPE	MAIN FILL
Vehicle traffic	1 100	Flexible pipe bedding as per SANS 1200 LB	Soilcrete
Under surface bed	600		Soilcrete
Other areas	900		90 % of modified AASHTO density

- (vi) No concrete shall come into direct contact with the HDPE pipe. At these points, the fittings shall be wrapped with Densopol 80 HT tape or similar approved.
- (vii) All pipe crossings under roads and parking areas shall be backfilled by the civil contractor.
- (viii) All pipework shall be pressure tested with all joints uncovered to the satisfaction of the Project Manager.
- (ix) Suitably sized air release valves built into valve chambers shall be installed at all high points of the pipeline.

(c) Valves

- (i) Gate valves underground in valve chambers to connect to uPVC piping (65 mm NB and larger)
Gate valves are to be equipped with non-rising spindle, spherical graphite iron body to SANS 936 Grade 42, cast-iron nitrile butadiene rubber covered gate, stainless steel spindle, nitrile butadiene rubber O-rings and seals, cast-iron bonnet and gunmetal thrust collar to BS 1400 LG2. The valves shall conform to SANS 664 and/or 665 and shall be capable of withstanding a working pressure of 1 600 kPa. The valves shall be fitted with a square key spindle top to close the valves in clockwise direction and socket ends to SANS 665 to fit into uPVC. Valves are to be provided with locking devices to lock valves in open position.
- (ii) Gate valves underground in valve chambers to connect to uPVC piping
The gate valves shall be of the dezincified brass type with brass gate, brass body, non-rising spindle and BSP threaded socket ends. The valves shall conform to SANS 776 Class 125. The valves shall be able to withstand a working pressure of 1 600 kPa. The valve shall be fitted with a hand wheel on an extended spindle shaft of 700 mm to close in a clockwise direction and shall be installed to details provided.

(iii) Gate valves above ground to connect to steel (65 NB and larger)

Gate valves are to be equipped with non-rising spindle, spherical graphite iron body to SANS 936 Grade 42, cast-iron nitrile butadiene rubber covered gate, stainless steel spindle, nitrile butadiene rubber O-rings and seals, cast-iron bonnet and gunmetal thrust collar to BS 1400 LG2.

The valves shall conform to SANS 664 and/or 665, and shall be capable of withstanding a working pressure of 1 600 kPa.

The valves shall be fitted with flanged ends to SANS 1123/1600, hand wheel to close the valves in a clockwise direction and installed in an upright position or sideways to maximum 90° from upright.

These valves shall be equipped with locking devices to lock valves in open position.

(iv) Gate valves above ground (up to 50 mm NB)

The gate valves shall be of the dezincified brass type with brass gate, brass body, non-rising spindle and BSP threaded socket ends. The valves shall conform to SANS 776 Class 125.

The valves shall be able to withstand a working pressure of 1 600 kPa.

The valve shall be equipped with a hand wheel to close in a clockwise direction.

The valves shall be installed in an upright position or sideways to maximum 90° from upright and shall be so placed with other fittings as to be removed without cutting the pipework.

The valves shall be equipped with locking devices to lock valves in open position.

FOUNTAINS AND WATER FEATURES

Maintenance work to the fountains and water features is detailed below and shall include but not be limited to the following:

Most of the water features are in a poor condition and require immediate repair work which would require a report on its status together with the costs of rectification that must be submitted for approval. Upon approval the rectification work, rectification work will commence which will be followed by an implementation of a maintenance programme.

Basis of Works

The scope of works will predominantly include but not limited to the removal of all foreign matter and draining of the ponds. Listed below are items which bidders will encounter:

- a. All fountains to be cleaned within one month of appointment;
- b. Identifying cracks and repairing them;
- c. Testing motors;
- d. Providing reports on the integrity of the motors, plumbing and electrical installation as well as costs to rectify;
- e. Unblocking wire mesh grids;
- f. Use a high pressure system to remove algae;
- g. Repair accordingly;
- h. Drain water before cleaning;
- i. Clean dam;
- j. Clean pump room;

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- k. Clean filter;
 - l. Grease pump – check moving parts of pump and motor;
 - m. Clean panel and check if all parts are in working condition and order;
 - n. Fill dam and start system;
 - o. Add chlorine to disinfect;
 - p. Upon completion of rectification work bidders must allow for testing of water features by designated horticulturalist and sign off accordingly. All electrical work must be signed off by a registered electrician and a certificate of compliance must be issued; and
 - q. Implement a maintenance program

Over and above the afore-mentioned, the following needs to be provided for as well:

SPECIFICATION	EQUIPMENT
<ul style="list-style-type: none"> - Cleaning pumps and sumps from mud and plant debris - Cleaning fountain nozzles and replacing when necessary. - Repairing and replacing all broken pumps, pipes, electrical cables etc. - Repair or replacement of irrigation nozzles and sprayers damaged or broken 	<ul style="list-style-type: none"> - Boat or float with large working platform - Appropriate safety clothing and equipment when working from boat - Appropriate tools to remove, strip and clean pumps - Hammer - Water hoses - Sprayer nozzles - Sprinklers - Tap connectors - Various pipe fitting for Low-Density PolyEthylene (LDPE) and High-Density PolyEthylene (HDPE) or PolyEthylene High-Density (PEHD).

COMPLETION

When all work detailed has been completed, clear the area by removing all the rubble related to the given project from the site and dump at a legal dumping site identified by the contractor. Leave the site in a good and perfect condition to the approval of the officer in charge of the service and the Council representatives.

The contractor is advised that all the buildings on the site will be occupied during the process of the service and that she/he is to arrange with the authorities concerned so that the work may be carried out with the least possible inconvenience.

The Contractor must provide for all the equipment, special equipment, safety equipment, generators, tools etc.

NOTE: No equipment and/or tools will be provided by MCLM

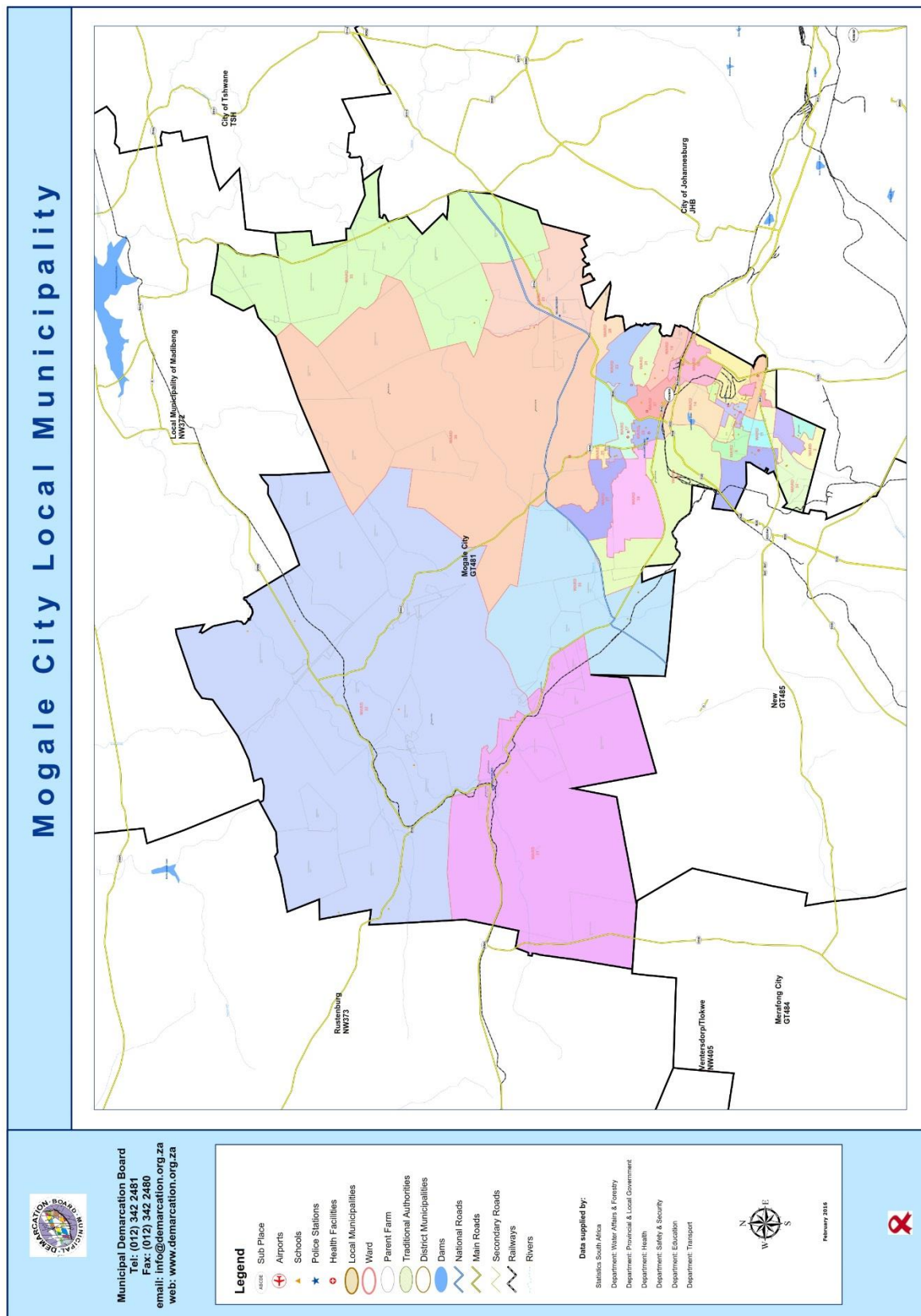
MOGALE CITY LOCAL MUNICIPALITY



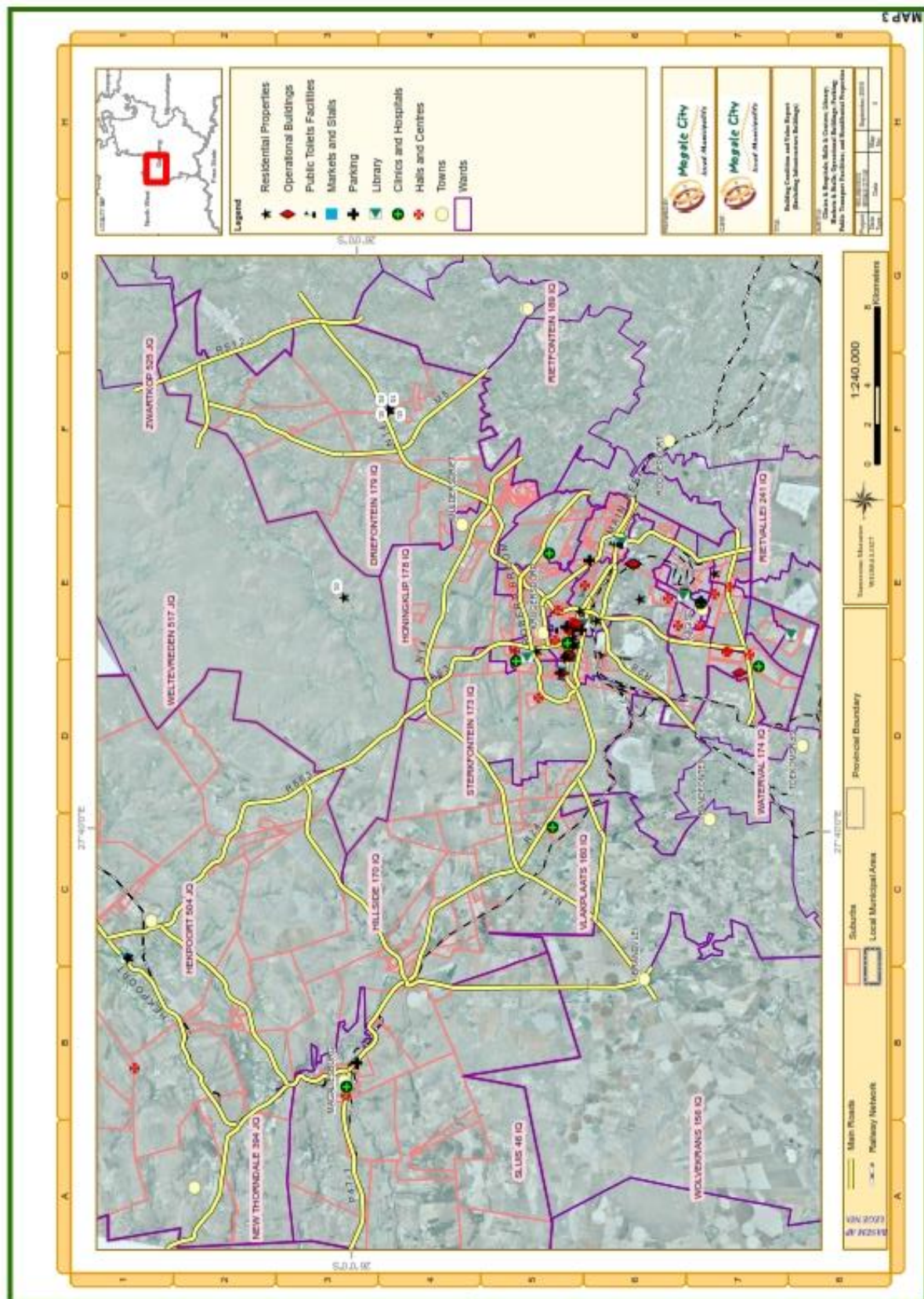
THE CONTRACT:

PART C4: SITE INFORMATION

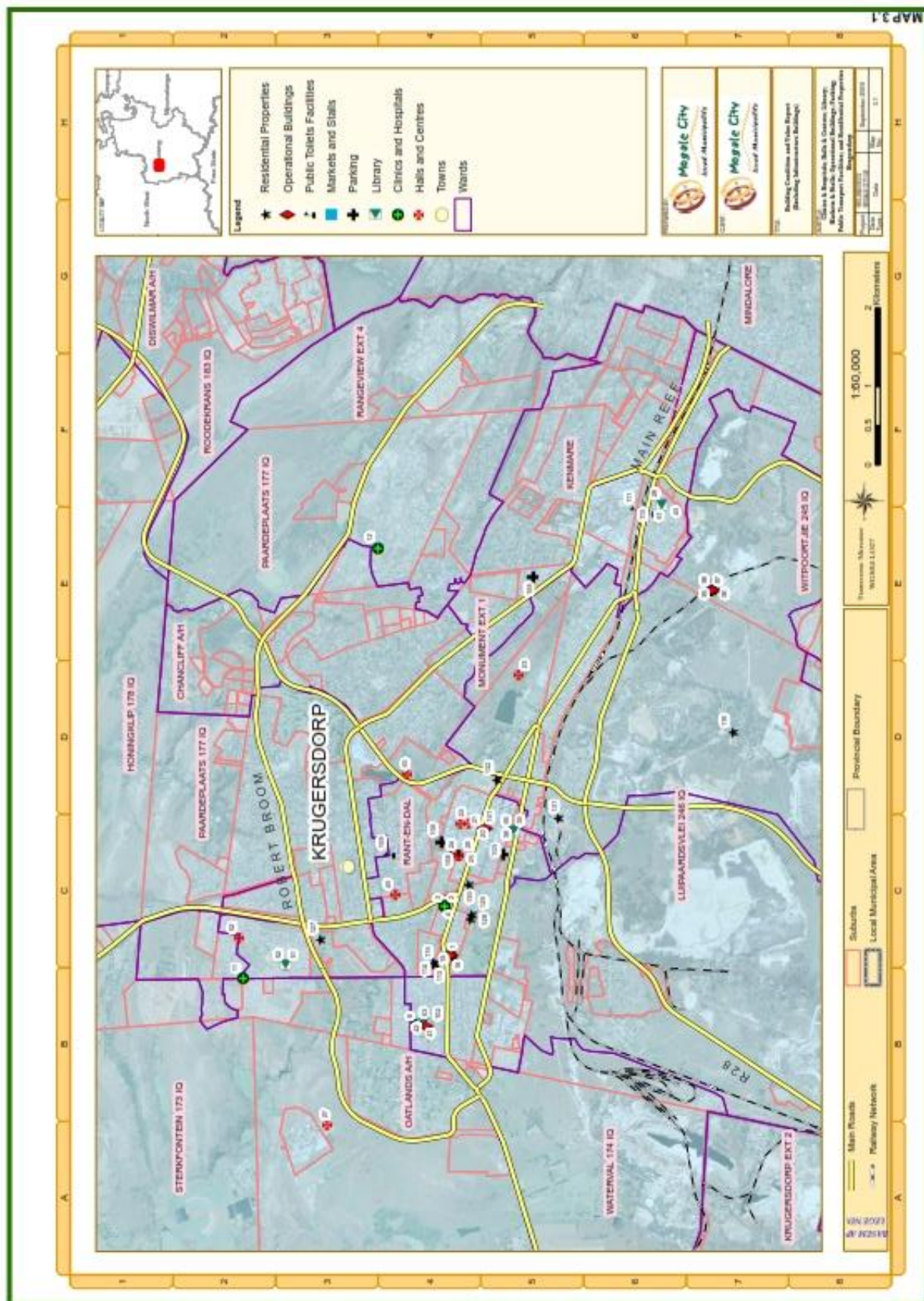
- SECTION C4.1 – MAPS OF MOGALE CITY LOCAL MUNICIPALITY
- SECTION C4.2 – MOGALE CITY AREA BREAK DOWN
- SECTION C4.3 – LIST OF FACILITIES AND BUILDINGS
- SECTION C4.4 – FACILITY INSPECTION CHECKLIST
- SECTION C4.5 – BID CHECKLIST

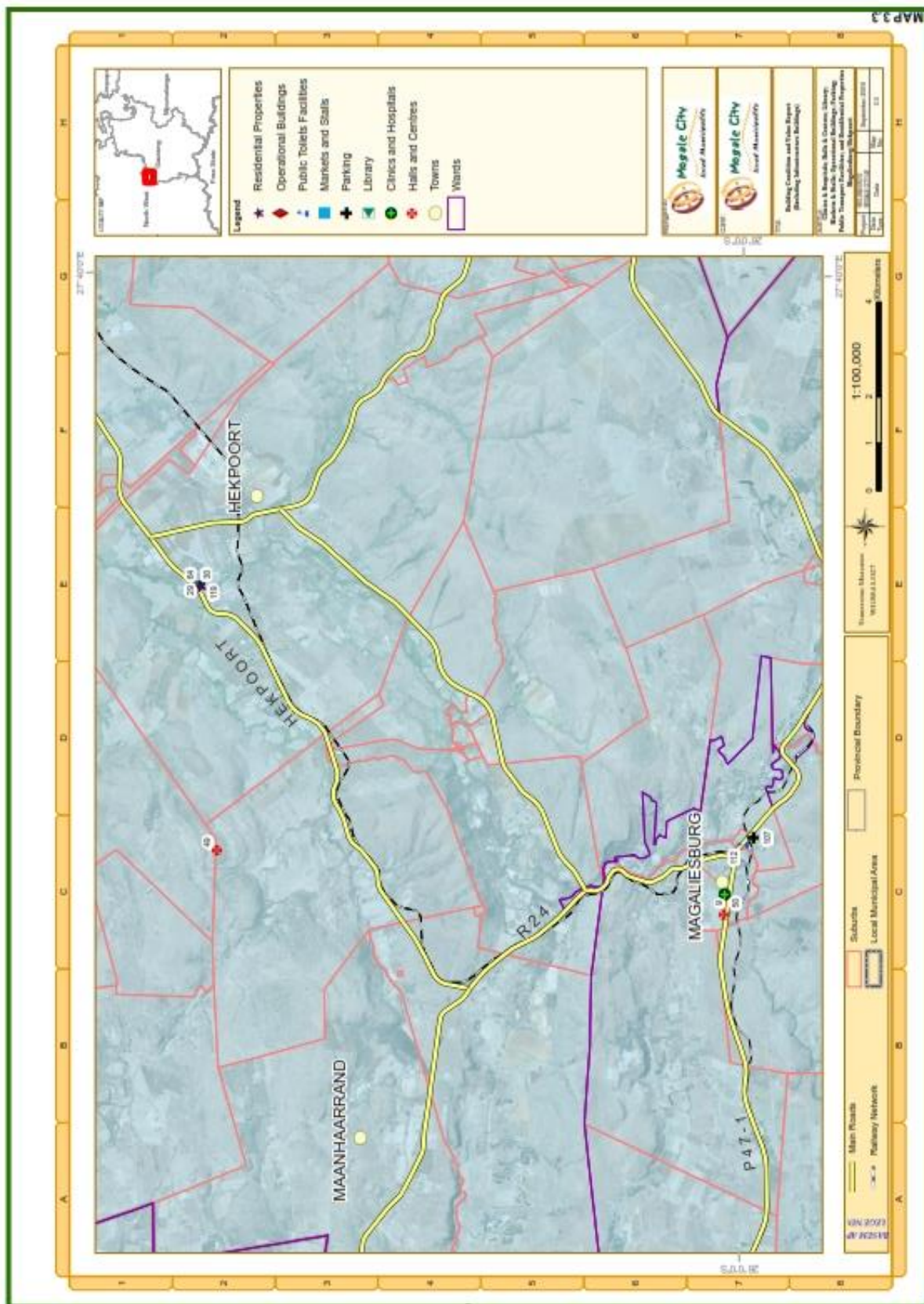














C4.2 MOGALE CITY AREA BREAKDOWN.

Area Number	Area	Buildings
1	Krugersdorp CBD	Civic Center Ellerines Building President IEC building Krugersdorp Library
2	Krugersdorp CBD	Museum President Flats Jack Cotton Flats Van Riebeeck Flats Traffic Department Jack Smiedt Building
3	Krugersdorp (surrounding areas) - Krugersdorp West - Krugersdorp North - Noordheuwel - Delporten - Chamdor	Municipal Stores Paul Kruger Hall Library Sakkie Nel Swimming Pool Delporten Testing station Chamdor Yard Boiketlo Hostel Scout Hall
4	Munsieville	Desmond Tutu Library Hostel Clinic School Board Multi Purpose Center Singobile Community Center
5	Tarlton	Library Nelson Mandela Hall
6	Magaliesburg	Taxi Rank Public Facility (Toilet Multi Purpose Center Creche Flats
7	Hekpoort/Mulderdrift	Hekpoort Multi Purpose Center Ward office 32 Library and Craft Center 2 x Dwellings 2 x semi detached dwelling Outbuildings Mulderdrift Houses

Area Number	Area	Buildings
8	Luipardvlei/ Lewisham/kenmare	Jublieum Hall Library Parks Department Bowling club Tennis court
9	Kagiso	Ward office 4 Ward office 6 Ward office 12 Ward office 10 Ward office 13 Joshua Doore Hostels Hall Library
10	Kagiso	Library Multi Purpose Center Taxi Rank Kagiso Stadium Kagiso Swimming Pool
11	Burgershoop	Creche Hall Social Services Stores and staff rooms
12	Rietvallei/ Azaadville	Rietvallei Creche Rietvallei Community Center Rietvallei Library Rietvallei Social Works and Pay point Rietvallei Ward office 2 Rietvallei Ext 2 & 3 Clinic Ward office 3 Azaadville Municipal Store Azaadville Civic Center Azaadville Sports Complex

NOTE:

THE BUILDINGS INDICATED ABOVE ARE NOT NECESSARILY ALL THE BUILDINGS INCLUDED IN THE CONTRACT. THE LIST IS ONLY AN INDICATION OF THE SERVICE AREAS.

C4.3 – LIST OF FACILITIES AND BUILDINGS

MBL No	Building type	Func Description
MBL 13501	APPELPARK HOSUNG	Adiministration Support Buildings
MBL 13503	BOXING GYM AVANTE (KRUGERSDORP)	Administration of Sports Facilities
MBL 13504	CIVIC CENTRE AZAADVILLE	Adiministration Support Buildings
MBL 13505	LIBRARY/AZAADVILL	Administration of Libraries
MBL 13506	AZAADVILL PUTT-PUTT COUR	Adiministration Support Buildings
MBL 13507	SPORT COMPLEX AZAADVILLE	Administration of Sports Facilities
MBL 13508	SWIMMING POOL AZAADVILLE	Administration of Sports Facilities
MBL 13510	HOSTEL BOIKETLO	Adiministration Support Buildings
MBL 13511	BOWLING GREENS STAN FRIED	Administration of Sports Facilities
MBL 13512	COMMUNITY CENTRE BURGERSHOOP	Community Facility Management
MBL 13524	CLUBHOUSE BOWLING KRUGERSDORP	Administration of Sports Facilities
MBL 13525	CLUBHOUSE BOWLING STAND FR	Administration of Sports Facilities
MBL 13526	CLUBHOUSE FISHING (CORONATION)	Administration of Sports Facilities
MBL 13527	CLUBHOUSE GOLFCOURSE	Administration of Sports Facilities
MBL 13528	CLUBHOUSE JUKSKEI PRETORI	Administration of Sports Facilities
MBL 13529	CLUBHOUSE NOORDHEUWEL	Administration of Sports Facilities
MBL 13530	CLUBHOUSE KADIMA LAPA	Administration of Sports Facilities
MBL 13531	CLUBHOUSE MUNICIPAL SPORT	Administration of Sports Facilities
MBL 13533	CLUBHOUSE SOCCER AZAADVILLE	Administration of Sports Facilities
MBL 13534	CLUBHOUSE TENNIS LEWISHAM	Administration of Sports Facilities
MBL 13535	CLUBHOUSE TENNIS AZAADVILLE	Administration of Sports Facilities
MBL 13536	CLUBHOUSE TENNIS KRUGERSDORP	Administration of Sports Facilities
MBL 13537	CLUBHOUSE TENNIS MINDALORE	Administration of Sports Facilities
MBL 13540	CENTENARYDAM KIOSK AND SC	Administration of Sports Facilities
MBL 13541	DAM LAYOUT PRETORIUSPARK	Building Maintenance
MBL 13542	TRAFFIC DEPARTMENT DELPOR	Adiministration Support Buildings
MBL 13543	DELPORTEN LICENCE DEPT	Adiministration Support Buildings
MBL 13544	DELPORTEN TESTING GROUNDS	Adiministration Support Buildings
MBL 13545	EARLY CHILDHOOD CENTRE	Community Facility Management
MBL 13548	FLIP HUMAN SEWER WORKS HOUSING	Adiministration Support Buildings
MBL 13549	FLOOD LIGHTS	Adiministration Support Buildings
MBL 13555	JACK SCHMIEDT BUILDING	Adiministration Support Buildings
MBL 13556	LIBRARY & CRAFT CENTRE	Administration of Libraries
MBL 13557	RECREATION CENTRE HEKPOORT	Administration of Sports Facilities
MBL 13559	HOCKEYFIELDS (KHOSA CLUB)	Administration of Sports Facilities
MBL 13560	HOUSE ADOLF SCHNEIDER AVE	Administration of Sports Facilities
MBL 13561	HOUSE CARETAKER CLEANSING	Administration of Sports Facilities
MBL 13562	HOUSE COMPOUND MANAGER MUN	Adiministration Support Buildings
MBL 13563	HOUSE CONDALEROAD 6 (BY S	Adiministration Support Buildings
MBL 13564	HOUSE GOULDSTREET 61 KRUGERDORP	Adiministration Support Buildings
MBL 13565	HOUSE REM OF PORT 1/VLE	Adiministration Support Buildings

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MBL 13566	HOUSE SWIMMING POOL CORONATION	Building Maintenance
MBL 13568	HOUSING	Adiministration Support Buildings
MBL 13569	HOUSING	Adiministration Support Buildings
MBL 13570	HUGENOTE PARK	Building Maintenance
MBL 13572	FLATS JACK COTTON	Adiministration Support Buildings
MBL 13574	HALL JUBILEUM	Community Facility Management
MBL 13575	JUKSKEI COURT	Adiministration Support Buildings
MBL 13576	MULTI PURPOSE CC KAGISO	Community Facility Management
MBL 13577	HALL KAGISO	Community Facility Management
MBL 13578	HOSTEL KAGISO	Adiministration Support Buildings
MBL 13579	LIBRARY KAGISO	Administration of Libraries
MBL 13580	KAGISO PARKS	Building Maintenance
MBL 13581	SPORT COMPLEX KAGISO	Administration of Sports Facilities
MBL 13582	SWIMMING POOL KAGISO	Building Maintenance
MBL 13583	KAGISO TIP SITE	Adiministration Support Buildings
MBL 13584	CEMETARY KAGISO	Adiministration Support Buildings
MBL 13585	KENNELS (MUNSIEVILLE HOST	Adiministration Support Buildings
MBL 13587	CLUBHOUSE: KHOSA CLUB	Administration of Sports Facilities
MBL 13588	KOEDOE STREET PARK (RANT-EN-DAL)	Building Maintenance
MBL 13589	KRONNINGS PARK LAPA (CORO	Building Maintenance
MBL 13590	KRUGERDORP BOXING GYM	Administration of Sports Facilities
MBL 13591	KRUGERSDORP CEMETERY CH	Adiministration Support Buildings
MBL 13592	HOUSE KRUGERSDORP CEMETARY	Adiministration Support Buildings
MBL 13593	KRUGERSDORP CEMETERY & BU	Adiministration Support Buildings
MBL 13594	CIVIC CENTRE CENTRAL	Adiministration Support Buildings
MBL 13595	BUILDINGS (CIVIC CENTRE)	Adiministration Support Buildings
MBL 13596	BUILDINGS (LIBRARIES)	Administration of Libraries
MBL 13597	KRUGERSDORP MARATHON CLUB	Administration of Sports Facilities
MBL 13598	SWIMMING POOL KRUGERSDORP	Administration of Sports Facilities
MBL 13609	LIBRARY LEWISHAM	Administration of Libraries
MBL 13611	LANDFILL SITE LUIPAARDSVLEI	Adiministration Support Buildings
MBL 13612	COMMUNITY CENTRE LUSAKA	Community Facility Management
MBL 13613	CRECHE/ LUSAKA	Administration of Libraries
MBL 13614	LIBRARY LUSAKA	Administration of Libraries
MBL 13615	LUSAKA PAKRS	Building Maintenance
MBL 13616	SPORT COMPLEX LUSAKA	Administration of Sports Facilities
MBL 13617	CEMETARY MAGALIESBERG	Adiministration Support Buildings
MBL 13618	CIVIC CENTRE MAGALIESBERG	Adiministration Support Buildings
MBL 13619	MULTI PURPOSE CC (UBUNTU)	Community Facility Management
MBL 13620	LANDFILL SITE MAGALIESBERG	Adiministration Support Buildings
MBL 13621	MAGALIESBERG RECREATION C	Administration of Sports Facilities
MBL 13623	MAGISTRATE BUILDING (MUS	Adiministration Support Buildings
MBL 13624	MARKET BUILDING (CIVIC CENTRE)	Adiministration Support Buildings
MBL 13625	MC LEAN PARK	Building Maintenance
MBL 13626	CHAMDOR YARD	Adiministration Support Buildings
MBL 13627	FLATS(MAGALIESBERG)	Adiministration Support Buildings

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MBL 13628	MINDALORE LAPA	Building Maintenance
MBL 13629	MINDALORE PARK	Building Maintenance
MBL 13630	MULDERSDRIFT MPCC	Community Facility Management
MBL 13631	LIBRARY MULDERSDRIFT	Administration of Libraries
MBL 13632	SPORT COMPLEX MULDERSDRIFT	Administration of Sports Facilities
MBL 13633	MUNICIPAL YARD & BUILDING	Administration Support Buildings
MBL 13634	MUNISIVIELLE MPCC	Community Facility Management
MBL 13635	HOSTEL MUNSIEVILLE	Administration Support Buildings
MBL 13636	MUNSIEVILLE PARKS	Building Maintenance
MBL 13637	SPORTS COMPLEX MUNSIEVILLE	Administration of Sports Facilities
MBL 13638	MUNSIEVILLE COMMUNITY CENTRE	Community Facility Management
MBL 13639	LIBRARY MUNSIEVILLE	Administration of Libraries
MBL 13640	N/R/M COMMUNITY CENTRE	Community Facility Management
MBL 13641	HALL NELSON MANDELA	Community Facility Management
MBL 13642	NETBALL COURTS	Administration of Sports Facilities
MBL 13643	HEKPOORT MPCC	Community Facility Management
MBL 13644	NURSARY & BUILDINGS (GREE	Building Maintenance
MBL 13649	PARKS	Building Maintenance
MBL 13650	PARKS HOUSE: OFFICE CORO	Building Maintenance
MBL 13651	PAKRS HOUSING WORKERS	Building Maintenance
MBL 13652	PARK OFFICES (CORONATION	Building Maintenance
MBL 13653	HALL PAUL KRUGER	Community Facility Management
MBL 13654	HOUSE: 61 GOLD STREET	Administration Support Buildings
MBL 13657	PERCY STEWART WCW HOSTEL	Administration Support Buildings
MBL 13658	PERCY STEWART WCW WORKSHOP	Administration Support Buildings
MBL 13659	PERCY STEWART WCW SEWER WORKS	Administration Support Buildings
MBL 13660	FLATS PIONEER	Administration Support Buildings
MBL 13663	BUILDINGS (OFFICES)	Administration Support Buildings
MBL 13664	FLATS PRESIDENT	Administration Support Buildings
MBL 13665	PRETORIUS PARKS KIOSK	Administration Support Buildings
MBL 13666	PUBLIC FACILITIES AUCTION	Administration Support Buildings
MBL 13667	PUBLIC FACILITIES AZAADVILLE	Administration Support Buildings
MBL 13668	PUBLIC FACILITIES BURGESHOO	Administration Support Buildings
MBL 13670	PUBLIC FACILITIES KAGISO	Administration Support Buildings
MBL 13671	PUBLIC FACILITIES KRONINGSP	Administration Support Buildings
MBL 13672	PUBLIC FACILITIES KRUGERSDORP	Administration Support Buildings
MBL 13673	PUBLIC FACILITIES LEWISHAM	Administration Support Buildings
MBL 13674	PUBLIC FACILITIES LIBRARY	Administration Support Buildings
MBL 13675	PUBLIC FACILITIES LUIPAARDSVLEI	Administration Support Buildings
MBL 13676	PUBLIC FACILITIES MUNSIEVILLE	Administration Support Buildings
MBL 13677	PUBLIC FACILITIES PARKS	Administration Support Buildings
MBL 13678	PUBLIC FACILITY PRETORIUS	Administration Support Buildings
MBL 13679	TAXIRANK PRETORIUS STREET	Administration Support Buildings
MBL 13680	PUBLIC FACILITY WARDERERS	Administration Support Buildings
MBL 13681	PUBLIC FACILITY WISHARTST	Administration Support Buildings
MBL 13685	PURCHASE OF LAND: LANWEN	Administration Support Buildings

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MBL 13687	PURCHASE OF LAND: HEKPOORT	Adiministration Support Buildings
MBL 13689	PURCHASE OF LAND: PERCY STEWART	Adiministration Support Buildings
MBL 13694	SPORT FACILITIES (OUTDOOR	Administration of Sports Facilities
MBL 13695	MPCC RIETVALLEI	Community Facility Management
MBL 13696	SPORT COMPLEX RIETVALLEI	Administration of Sports Facilities
MBL 13698	RUGBYFIELDS (BOB VAN REENEN)	Administration of Sports Facilities
MBL 13699	IEC BUILDINGS	Adiministration Support Buildings
MBL 13706	SHOOTING RANGE (MUNSIEVILLE	Adiministration Support Buildings
MBL 13707	SINQOBILE COMMUNITY CENTRE	Community Facility Management
MBL 13708	SKATEBOARD COURSE (CORON	Adiministration Support Buildings
MBL 13711	SPORTGROUNDS	Building Maintenance
MBL 13714	CEMETERY STERKFORTEIN	Adiministration Support Buildings
MBL 13727	MPSS SWANIEVILLE	Community Facility Management
MBL 13728	CEMETERY TARLTON	Adiministration Support Buildings
MBL 13731	TRAFFIC DEPARTMENT (CENTRE	Adiministration Support Buildings
MBL 13733	FLAT VAN RIEBEECK	Adiministration Support Buildings
MBL 13736	WARD OFFICES	Ward Committees
MBL 13737	WASH BAY (CHAMDOR)	Adiministration Support Buildings
MBL 13741	WEB OFFICES	Adiministration Support Buildings
MBL 13742	WEB OFFICES CARPORT	Adiministration Support Buildings
MBL 13743	WORKSHOP/ OFFICES: TEST &	Adiministration Support Buildings
MBL 13744	HOSTEL JOSHUA DOORE (GREE	Adiministration Support Buildings
MBL 13745	TAXI RANK KAGISO DRIVE	Adiministration Support Buildings
MBL 13746	TAXI RANK LUIPAARD STREET	Adiministration Support Buildings
MBL 13747	TAXI RANK MAGALIESBURG	Adiministration Support Buildings
MBL 13748	CEMETERY AZAADVILLE	Adiministration Support Buildings
MBL 13752	BUILDINGS OLD COMMANDO	Adiministration Support Buildings
MBL 13753	RESIDENCE MAYOR	Adiministration Support Buildings
MBL 13754	ECDC SINQOBILE	Community Facility Management
MBL 13755	CEMETERY ELANDSDRIFT	Adiministration Support Buildings

NOTE: THE BUILDINGS INDICATED ABOVE ARE NOT NECESSARILY ALL THE BUILDINGS INCLUDED IN THE CONTRACT. THE LIST IS ONLY AN INDICATION OF THE SERVICE AREAS.

C4.4 FACILITY INSPECTION CHECKLIST

BUILDING NAME	BUILDING ID NUMBER	ASSET NUMBER	MBL NUMBER

1. Safe and Orderly Operating Conditions of Building

No.	Check list item	Yes	No	Comment/Area
1.1	Are all areas clean and orderly?			
1.2	There are tripping hazards, wet spots, grease/oils, protruding objects, miscellaneous debris?			

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1.3	Are permanent aisles/passageways clean?			
1.4	Are open pits, tank ditches, etc., covered or provided with standard guard rail protection?			
1.5	Is unused equipment kept in a safe and orderly manner?			
1.6	Are warning and hazard signs posted where they are required?			
1.7	Are emergency exits correctly marked, visible, accessible,			
1.8	Are doors that are not exits but could be mistaken for exits clearly marked "NOT AN EXIT?"			
1.9	Is there sufficient lighting?			
1.10	Is there sufficient ventilation?			
1.11	Are unguarded holes or openings in floors properly covered?			
1.12	Do elevated platforms and working areas have standard rails?			
1.13	Do elevated platforms and working areas have toe boards?			
1.14	Are fixed industrial stairs in good repair?			

2. External Area Fences & Gates

No.	Check list item	Yes	No	Comment/Area
2.1	Check the condition of fences and gates. Examine the base of gate posts and fence posts, the bottom, and at the junction of rails and posts for rust.			
2.2	Make sure the water run-off from the walkways, roads garden does not flow, or pond, against the building, causing excessive damp conditions.			
2.3	Check condition of paint on gates, posts and palisade fences			
2.4	Has vegetation been cut back from the building?			
2.5	Check the condition of playground equipment and structures for safety and soundness, repair or remove as necessary.			

3. Building External Structure

No.	Check list item	Yes	No	Comment/Area
3.1	Does the building appear to be in good repair?			
3.2	Check the structural condition and water- tightness of rooms and walls. Look for rising damp			
3.3	Look for water stains on timbers and metal sheeting.			
3.4	Is building free from signs of vandalism?			
3.5	Are exterior walls free from cracks or other damages?			
3.6	Are windows free from cracks or broken panes?			
3.7	Is the building free from signs of exterior damage?			
3.8	Are stairs, landings and handrails in good repair and painted			
3.9	Look for buckled, badly fitted or water stained eaves, which may be an indication of roof or gutter problems.			
3.10	Check the condition of paint; ensure it is in good condition. Paint that is flaking, cracked, chipped or has a powdery look or feel indicates it is breaking down			
3.11	Check for rotten weatherboards, windows, doors and veranda posts			
3.12	Check that corrugated iron sheets are in good. Check there is no rust evident. If there is rust evident this will need to be neutralised and spot painted			
3.13	Ensure that valley and eaves guttering are free from holes and rust			

4. Floors

No.	Check list item	Yes	No	Comment/Area
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Part C4: Site Information

4.1	Inspect timber framing and floors generally for rot, mould and evidence of borers			
4.2	Look for signs of dampness, such as lifting or buckling floor tiles and rotten carpet.			

5. Internal walls

No.	Check list item	Yes	No	Comment/Area
5.1	Look for cracks and general movement.			
5.2	Carefully inspect brick walls for signs of dampness. This may be evident through the presence of white or brownish deposits. Rising dampness may also cause skirting and architraves to rot, and paint and wallpaper to lift.			
5.3	Lightly tap walls and tiled surfaces with the handle of your screwdriver. A hollow sound could mean loose plaster or tiles			
5.4	Check the condition of wall paper or paint. Both serve to protect the surface and if in poor condition need to be replaced or new paint applied.			

6. Internal Ceilings

No.	Check list item	Yes	No	Comment/Area
6.1	Look for water stains and mould growth which could indicate excessive condensation or roof leaks			
6.2	General condition of ceiling			

7. Internal Doors

No.	Check list item	Yes	No	Comment/Area
7.1	General condition of door and frame			

8. Inspection Items Unique to Building

- 8.1 _____
- 8.2 _____
- 8.3 _____
- 8.4 _____
- 8.5 _____
- 8.6 _____
- 8.7 _____
- 8.8 _____
- 8.9 _____
- 8.10 _____

C4.5 BID CHECKLIST

This list is aimed at assisting all bidders to submit complete bid documents.

Bidders are to check the following points before the submission of their tender document and to complete YES/NO next to each item as an indication that the bidder has complied with the provision of the item concerned. If any of the items are marked as NO – it might lead to the disqualification of your bid.

ITEM	DESCRIPTION	YES	NO
1.	Provide copy of your CSD registration summary report		
2.	Provide copy of your company VAT registration Certificate		
3.	Tax clearance certificate and copy of tax compliance status (TCS) document has been submitted – in the name of the bidding entity		
4.	The bidding entity as well as all its directors/shareholders must submit Municipal account not more than three (03) months / ninety (90) days plus in arrears at the time of the closing date. No bid will be awarded to a company and its directors that owe more than three (3) months charges to any municipality or metro.		
5.	A valid lease agreement which is in the name of the business and or directors /shareholders, which must stipulate who is responsible for payment of Municipal services; or If the Bidding Entity operates from informal settlement and is not responsible for Municipal account, the bidder must submit a Sworn Affidavit with and original stamp from the Commissioner of Oaths. If the Bidding Entity operates from parents' place and is not responsible for Municipal account, the bidder must submit the owner's Municipal account and a Sworn Affidavit with and original stamp from the Commissioner of Oaths; (Copy of the lease agreement will only be accepted if water and lights are part of lease payment).		
6.	<ul style="list-style-type: none"> Valid B-BBEE Rating Certificate or letter from registered auditor or Sworn Affidavit Consolidated B-BBEE certificate / letter in case of a trust, consortium or joint venture. 		
7.	All pages of the bid document have been read by the bidder and the returnable schedules and MBD 's forms duly completed and signed. e.g. MBD1, MBD 4 , MBD 6.1,MBD 8 AND MBD 9.		
8.	All pages requiring information have been completed in full and in black ink.		
09.	No pages removed from the tender document		
10.	A copy of the resolution of your Board of Directors, similar to the attached specimen, authorizing the signatory to sign the tender and the subsequent contracts, has been attached and signed.		
11.	JV agreement has been attached and signed (if applicable)		
12.	Bidder must attach the Central Supplier Database (CSD) registration summary report.		
13.	Copies of ID's of members / directors and shareholders		
14.	Completed Bills of Quantities in blank ink and signed (No Tipex)		
15.	Pricing Schedule must be signed		
16.	In case of any amendments made, was it signed in full by the authorized signatory? Please note that the use of tipp-ex will lead to immediate disqualification.		
17.	Please declare any interest as required in terms of MBD - 4 truthfully and correctly as incorrect declarations are considered a criminal offence. <ul style="list-style-type: none"> Personal Tax Numbers included State Employee Number / Persal Number Identity number Name 		

Part C4: Site Information

18.	Please take note of the functionality evaluation criteria that will be applied to your submission in order to ensure that your company has the necessary capacity and capability to successfully execute this tender, if appointed. Ensure that sufficient information is included in your submission to ensure successful evaluation of your bid.
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PLEASE NOTE:

- ❖ **No contract will be awarded to a service provider, if the service provider or its directors are in arrears with their municipal accounts for more than three (3) months.**
- ❖ **In case of a Joint Venture, please note that individual documents have to be submitted for all parties in the JV, like tax clearance certificates, municipal accounts, etc.**
- ❖ **No communication with Mogale City Municipal officials are allowed after the closing date of the tender. The only authorised form of communication will be through the Supply Chain Management Office.**
- ❖ **No bids will be accepted if not submitted on the correct closing date and time. No late bids will be considered, even if only late by a minute.**