



DEPARTMENT OF PUBLIC WORKS, ROADS AND TRANSPORT

TENDER NO: PWRT (R&T)05/2023

TENDERS ARE HEREBY INVITED FROM CONTRACTORS WITH THE CIDB GRADING OF 6 CE or 5 CE PE OR HIGHER FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

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

PART T1: TENDERING PROCEDURES

T1.1 Tender Notice and Invitation to Tender

MBD 1

PART A
INVITATION TO BID

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

BID NUMBER:	PWRT (R&T)05/2023	CLOSING DATE:	13 OCTOBER 2022	CLOSING TIME:	11:00
DESCRIPTION	TENDERS ARE HEREBY INVITED FROM CONTRACTORS WITH THE CIDB GRADING OF 6 CE or 5 CE PE OR HIGHER FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS				

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 BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No
[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 BID PRICE	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	Johan Britz
TELEPHONE NUMBER	011 951 2014/2177/2541	TELEPHONE NUMBER	011 951 2141 / 082 448 5218
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	N/A
E-MAIL ADDRESS	Ofentse.matsose@mogalecity.gov.za	Johan.britz@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) <input type="checkbox"/> YES <input type="checkbox"/> NO 3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO 3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA <input type="checkbox"/> YES <input type="checkbox"/> NO 3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO 3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATI <input type="checkbox"/> YES <input type="checkbox"/> 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 (R&T) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

Part T1: Tendering Procedures

T1.2 Tender Data

ADVERTISED IN: The Star

PUBLISHING DATE: Tuesday 06 September 2022

TENDER NO: PWRT (R&T)05/2023

MOGALE CITY LOCAL MUNICIPALITY

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

TENDER NO: PWRT (R&T)05/2023

TENDERS ARE HEREBY INVITED FROM CONTRACTORS WITH THE CIDB GRADING OF 6 CE or 5 CE PE OR HIGHER FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS

Adjudication: 80/20

Tenders will be evaluated using functionality evaluation criteria of **30 points** of which the contractor is required to score the minimum of **19 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: Johan Britz

Tel: (011) 951 2141/082 448 5218

Tender Documents: Ofentse Matsose

Tel: (011) 951 2177/2541/0718846958

Documents available: As from **Tuesday 06 September 2022** on www.etenders.gov.za or www.mogalecity.gov.za

Closing date: Thursday 13 OCTOBER 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 for company/entity directors**
3. **The bidding entity as well as all its directors 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/services;**
 - 5.1. **the bidder must submit confirmation on Municipality/Metro letterhead signed and stamped from the ward councillor/delegate.**
6. **If the Bidding Entity operates from parents' place and is not responsible for Municipal account:**
 - 6.1 **the bidder must submit the property owner's Municipal account and a Sworn Affidavit of the property owner 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 severally 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 ninety (90) 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 reserves 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. 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.
28. The supply chain management policy of Mogale City Local Municipality allows 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.
29. 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 not issued by the Employer, which forms part of this contract, Tenderers to acquire their own copies of, includes:</p> <ul style="list-style-type: none"> • The General Conditions of Contract for Construction Works: GCC (2015) 3rd Edition. • Standardised specifications for Civil Engineering Construction: SANS 1200 • Standard Specifications for Road and Bridge Works: COLTO <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 Generic Specifications - Health and Safety, etc. C3.8 Drawings/ Annexures</p> <p>Part C4: Site Information C4.1 Site Information</p>
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 : Andre Botes</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 : 082 855 6226</p> <p>Facsimile : N/A</p> <p>Email Address : andre.botes i@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>
F.1.6.1	<p>Data pertaining to targeted procurement</p> <p>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.</p>
F.1.6.2	<p>Corporate Social Responsibility</p> <p>A Two percent (2%) 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>6 CE or 5 CE 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>6 CE or 5 CE 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>6CE OR 5CEPE 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>6 CE or 5 CE PE OR HIGHER</u> class construction work. Information to be submitted with the tender: 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	<p>Date: Refer to Invitation to Tender</p> <p>Venue: Refer to Invitation to Tender</p> <p>Enquiries may be directed to Maropeng Mokhatla Tel: 011 951 2014/2177/2541 / 071 884 6958</p> <p>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.</p>
F.2.13.	<p>The tenderer must submit one tender offer only in a sealed envelope.</p> <p>The Employer's address for delivery of tender offers and identification details to be shown on the tenderer's offer package are:</p> <p>Location of tender box: Reception desk of the Supply Chain Management Unit upper level of the West Wing of the Mogale City Civic Centre</p> <p>Physical Address: Corner Commissioner and Market Street in Krugersdorp.</p> <p>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</p>
F.2.13.6	This tender will be submitted as a 1 envelope tender document
F.2.13.10	<p>Additional Clause:</p> <p>All annexures (for the Returnable Schedules) must be submitted in a separately bound document together with the tender document.</p>
F.2.15.1	<p>Refer to the Invitation to Tender for the closing time for submissions of the tender offers.</p> <p>No late submissions will be considered.</p> <p>Telephonic, telegraphic, telex, facsimile or emailed submission offers will not be accepted.</p>
F.2.16	<p>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.</p>
F.2.23	<p>The Tenderer must provide the following with his submitted bid document.</p> <p>T2.2.1 Record of Addenda to Tender Documents</p> <p>T2.2.2 Compulsory Enterprise Questionnaire</p> <p>T2.2.3 Authority of Signatory</p> <p>T2.2.4 MCLM Corporate Social Responsibility</p> <p>T2.2.5 Proposed Amendments and Qualifications</p> <p>T2.2.6 Declaration of Interest</p> <p>T2.2.7T2.2.8 Preference Points Claim Form</p> <p>T2.2.9 Declaration of Tenderer's Past Supply Chain Management Practices</p> <p>T2.2.10 Certificate of Independent Bid Determination</p> <p>T2.2.11 Capacity to Execute Work</p> <p>T2.2.12 Key Personnel/Project Team</p> <p>T2.2.13 Previous Experience</p> <p>T2.2.14 Financial Capacity</p> <p>T2.2.15 Schedule of Proposed Subcontractors</p> <p>T2.2.16 Rates for Special Materials</p> <p>T2.2.17 Tax Clearance Certificate</p> <p>T2.2.18 Declaration of Good Standing Regarding Income Tax</p> <p>T2.2.19 B-BBEE Certification</p> <p>T2.2.20 Certificate of Contractors Registration issued by the Construction Industry Development Board</p> <p>T2.2.21 Declaration of Municipal Accounts</p> <p>T2.2.22 Occupational Health and Safety Questionnaire</p>

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, where practical 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.3.11.3	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 19 points out of 30 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.

Bid Criteria:

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:

- Failure to achieve the **minimum total score of 19, points out of 30 points.**
- Failure to score the **minimum points in each Criteria section** (1, 2 and 3) listed in the table below, If the bidder achieves a total score equal to or above the minimum of 19 points but fails to reach the minimum points stipulated for each criterion (1, 2 and 3) the bid will be deemed as non-compliant and will be rejected.

Technical Evaluation Criteria			Weight	Minimum Score
Description of quality criteria & Sub-criteria				
1. Capacity to execute work i.to Infrastructure and Resources: Proof of ownership of equipment/ plant to be submitted on company letterhead and Registration documents, where applicable Or Letter of intent provided from Hiring company, on company letterhead.			20	13
Section 1: Patching Walk behind Roller (Patching) Rammer / Wacker	Owned: 2 points 2 points	Hired: 1 point 1 point	4	2
Section 2: Asphalt Paver (Asphalt) Self-propelled Pneumatic Tyre Roller Milling Machine	Owned: 3 points 3 points 3 points	Hired: 2 points 2 points 2 points	9	6
Section 3: Slurry Seals & Micro surfacing Slurry Machine or specialized plant required for Slurry / Micro surfacing (specify)	Owned: 4 points	Hired: 3 points	4	3
Section 4: Single Seals Chip Spreader	Owned: 3 points	Hired: 2 points	3	2
2. Key Personnel/Project Team – CV's and Certified qualifications to be provided.			4	3
Job Description:	Min. Required Qualification	Min. Experience		
Project / Site Agent/ Manager	National Diploma: Civil Engineering	5 years - 3 points		
Safety Officer	Min.3 years' experience in construction and any OHS qualification with a valid SAMTRAC certificate	3 years - 1 point		
3. Tendering Company's Experience Previous experience – similar project experience as the work tendered for with completion certificates and appointment/works orders attached.				
3.1 List three (3) similar projects with a minimum value of R 2,000,0000 each, during the last 5 years, with Completion certificate and appointment letter/ works order to be provided for each project as listed. (1 point per project).	3 points		6	3

TENDER NO: PWRT (R&T) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

Part T1: Tendering Procedures

T1.2 Tender Data

3.2 List six (6) similar projects with a minimum value of R 3,000,0000 each, during the last 5 years, with Completion certificate and appointment letter/ works order to be provided for each project as listed. (1 point per project).	6 points		
The maximum number of points that can be scored		30	19

For the purpose of comparison and in order to ensure a meaningful evaluation, bidders are requested to furnish detailed information on substantiation of compliance to the evaluation criteria. The service provider should at least score the minimum of 19 points out of the 30 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.

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.

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.

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.

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 BBEE 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 BBEE 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.

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	Less Than or Equal to (R)
1 (Class of Construction Works)	1	R 500 000
2 (Class of Construction Works)	2	R 1000 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	"No limit"

Information regarding the CIDB can be obtained from their website: www.cidb.org.za

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:

- 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.
- (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
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:

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

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:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) 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,
- 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 Record of such disclosed information must be retained for audit purposes.

MOGALE CITY LOCAL MUNICIPALITY



THE TENDER:

PART T2: 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 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(s) 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					

T2.2 Returnable Schedules

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 Returnable Schedules

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 2018 R.

Year 2019 R.

Year 2020 R.

Anticipated turnover for 2021 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

TENDER NO: PWRT (B&F) 05/2023
TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

T2.2 Returnable Schedules

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2 Returnable Schedules

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 Returnable Schedules

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 Returnable Schedules

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 **"ELECTRICAL MAINTENANCE AND REPAIRS IN MOGALE CITY LOCAL MUNICIPALITY OWNED BUILDING FOR THE PERIOD OF THREE (3) YEARS ON AN AS AND WHEN REQUIRED"** (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.

T2.2 Returnable Schedules

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 Returnable Schedules



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 percent (2%) of the Contract value to Mogale City.

Please attach the Certificate of Confirmation (CM29) as issued by the Registrar of Companies & Close Corporations, for this Tenderer to the separate document of returnable schedules.

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 Returnable Schedules

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.

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

T2.2 Returnable Schedules



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.

T2.2 Returnable Schedules

- 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;

T2.2 Returnable Schedules

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

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

T2.2 Returnable Schedules**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.

T2.2 Returnable Schedules**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 least 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		

T2.2 Returnable Schedules**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]

T2.2 Returnable Schedules

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.

T2.2 Returnable Schedules

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

T2.2 Returnable Schedules

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

Description	Address	Area (m ²)

10.3 Plant and equipment

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

T2.2 Returnable Schedules

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%

T2.2 Returnable Schedules

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

T2.2.9 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.

MBD 9

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

T2.2.11 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 _____

T2.2.12 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						
Electrician						
Electrician						
Assistant Electrician						
Assistant Electrician						
Other (Indicate)						

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

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

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

Artisan Electrician

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

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

Assistant Artisan Electrician

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

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) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

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:				

T2.2.14 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		
Bank		
Branch		
Branch code		
Account Number		

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)

Bank Code based on Tender Amount & Construction Period

Date Stamp of Bank Certified as Correct

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:

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:

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

- 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)	

- The entity is an empowering supplier in terms of the dti Codes of Good Practice.
- 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.
- 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) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

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

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 _____

T2.2.22 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 FOR MUNICIPAL ACCOUNTS

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)		

- (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

TENDER NO: PWRT (B&F) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

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.		

T2.2 Returnable Schedules

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?				

T2.2 Returnable Schedules

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?		

T2.2 Returnable Schedules

7	EMERGENCY ARRANGEMENTS	YES	NO
7.1	How do you manage your arrangements for dealing with emergencies?		
	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		

T2.2 Returnable Schedules

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Lost time accidents per 100 employees					
Major/Reportable injuries per 100 employees					
Number of dangerous occurrences					
Lost man day due to accidents					
10.	HEALTH AND SAFETY COMMUNICATION AND CONSULTATION			YES	NO
10.1	Are Health and Safety Committee meetings held between management and appointed Health and Safety representatives?				
10.2	Are the results of these meetings communicated to all employees?				
	If yes, please describe method.				
10.3	Are Health and Safety meetings held?				
	At what frequency?				
	Chaired by whom?				
10.4	Do you carry out SHE promotions/campaigns?				
	If yes, please provide examples.				

The following documentation should also be provided with the tender:

1. Management Structure including organogram.
2. Human Resource Plan.
3. Letter of Good Standing from the Compensation Commissioner or licensed compensation insurer.
4. COID Insurance

Declaration

I/we Declare that the above information provided is correct.

Signed

Date

Name

Position

Tenderer

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 (R&T)05/2023****Description of Works : FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS**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: **FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS**

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)
FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS			
SECTION 1: PATCHING			
SECTION 2: ASPHALT SEALS			
SECTION 3: SLURRY SEALS			
SECTION 4: SINGLE SEALS			
TOTAL:			

In words R.....

.....

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

TENDER NO: PWRT (B&F) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

C1.1 Form of Offer and Acceptance

Our proposed construction period as from site handover:

Description	Section:	Construction Period (36 months)
FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS		

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.

C1.1.1 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:

C1.1.2 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	
Address of Contractor	1.1.9	*
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	• weeks <i>Max 8 months</i>
Amount of penalty	5.13	R 2 500-00 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	10 percent
Limit of retention money	6.10.3	10% 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	Within 14 days after certified date of completion of Works
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) $x = 0,10$ <i>(General Engineering Works Routine)</i> aLt (Labour)= 0,35 bPt (Plant) = 0,05 cMt (Material) = 0,55 dFt (Fuel) = 0,05 <i>(Civil Engineering as per SEIFSA indices)</i>
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.*

C1.1.3 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 (R&T)05/2023: FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS** 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
FOR REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF THIRTY-SIX (36) MONTHS.		

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

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5 Subject

Details

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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 **Date:**.....
(name and address of organisation)

For the Employer:

Signature(s)
Name(s)
Capacity
.....
.....
Name and Signature of Witness **Date:**.....
(name and address of organisation)

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
Commencement	1.1.5	<p>"Commencement Date" means the date of receipt by the Contractor of the following whichever date of receipt is the earliest:</p> <ol style="list-style-type: none"> 1. Letter of Appointment 2. Handover of Site 3. Order to commence <p>"Commencement of Work" will only take place once the following documentation was submitted to the office of the Consulting Engineer:</p> <ol style="list-style-type: none"> 1. Letter of Acceptance 2. Original Construction Guarantee 3. Letters of Appointment of Site Agent and OHS Rep 4. Construction Program 5. Registration of Project at Department of Labour Letter of Good Standing – Workman's Compensation
Contractor	1.1.1.9	<p>Name:</p> <p>Address:</p> <p>Contact:</p>
Contract Sum	1.1.1.10	Contract Price" means the Price tendered by the Contractor and accepted by Mogale City Local Municipality
Employer	1.1.15 1.2.1	<p>The name of the Employer is Mogale City Local Municipality</p> <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>

C1.2 Contract Data

Project Manager	1.1.16 1.2.1	<p>The name of the Department is Public Works, Roads and Transport.</p> <p>Address (physical): President Building 38 President Street Krugersdorp</p> <p>Address (postal): P.O. Box 94 Krugersdorp 1740</p> <p>Telephone: (011) 951 2141 e-mail: Johan,britz@mogalecity.gov.za</p>
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. iv) Nominating the Engineer's representative in terms of clause 3.2 v) Delegation of Engineer's authority in terms of clause 3.2.4 vi) Providing consent for sub- contracting part of the contract in terms of clause 4.4.3 vii) The issuing of further drawings or instructions in terms of clause 5.9.2 viii) The issuing of instructions for dealing fossils and the like in terms of clause 4.7 ix) Authorizing the Contractor to repair and make good expected risks in terms of clause 8.3.1 x) The issuing of a variation order in terms of clause 6.3. xi) The issuing of instructions to carry out the work on a day work basis in terms of clause 6.5 xii) Granting permission to work during non-working times in terms of clause 5.8 xiii) Suspend the progress of the works in terms of clause 5.11 xiv) The issuing of an instruction to accelerate progress in terms of clause 5.7.3 xv) The reduction of a penalty for delay in terms of clause 5.13.2 xvi) The giving of a ruling on a contractor's claim in terms of clause 10.1.5 xvii) The inclusion of credits in the next payment certificate in terms of clause 6.10.1 xviii) The agreement of the adjustment of the sums for general items of clause 6.8

C1.2 Contract Data

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> <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> <p>Add the following to this sub-clause:</p> <p>"The Contractor shall conduct tests or have them conducted continually on a regular basis, to check the properties of natural materials and processed natural materials and of products manufactured on site, such as aggregate or asphalt. Although not a requirement for the contractor to conduct regular tests on any commercially produced products such as cement, bitumen, steel and pipes, the Contractor shall remain fully responsible for any defective material or equipment provided by him.</p> <p>Similarly, the quality of all elements of the works shall be checked on a regular basis so as to ensure compliance with the specified requirements.</p> <p>The intensity of control and of tests to be conducted by the Contractor in terms of these obligations is not specified but shall be adequate to ensure that proper control is being exercised to the satisfaction of the Engineer.</p> <p>Where any natural materials or products made from natural materials are supplied, upon completion of each element of the construction works, the contractor shall test and check such materials, products and or elements for compliance with the specified requirements and shall submit his results to the Engineer for approval. Such submission shall include all his measurements and test results and shall furnish adequate compliance with the specified requirements."</p>
Workmen's Compensation	4.3	The Contractor shall also provide proof, that he has paid all contributions required in terms of the provisions of the Act.
Labour costs	4.3	<p>The minimum statutory labour rates as set by Government (See SAFCEC website for details) and or the Department of Labour for the area where the site is located must be adhered to by the contractor and must be adjusted as and when required by law.</p> <p>It is the Tenderer's responsibility to verify the latest labour rates and any anticipated cost increases.</p>
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

Targeted Labour	4.10 4.8.1.2	A CLO to be appointed as required Add the following: "Targeted Labour" means: Unemployed persons who are employed as local labour on the project. The Contractor shall endeavour to employ 40% women; 20% youth who are between 18 and 35 and 1% people with disabilities
Contractor's Superintendence	4.12	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. 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."
Commencement of the contract	5.2	"Commencement Date" means the date of receipt by the Contractor of the following: Handover of Site
Commencement of Works	5.3	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. Additional copies of Drawings and Contract document will be for the cost of the Contractor. 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. 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 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
Access to the Site	5.4	Site Handover Certificate to be given at Time of Site Handover. 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. 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.

TENDER NO: PWRT (B&F) 05/2023

TENDER: REHABILITATION AND RESURFACING OF ROADS AS PER THE ANNUAL ROADS PROJECT PLANS ON AN AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS.

C1.2 Contract Data

Programme	5.6	Within 7 days from date of Site Handover. Add the following sub-clause: Should the Contractor fail to comply with his obligations in terms of Sub-Clause 5.6, the Employer shall be entitled to withhold 25% of monies due to the contractor, until such time as satisfactory programme has been submitted for approval.
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

C1.2 Contract 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 Nw = Actual number of days during the calendar month on which a rainfall of Ymm or more has been recorded. 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 Rn = Average rainfall in mm for the calendar month, as derived from the rainfall records supplied in the table below. Rw = Actual rainfall in mm for the calendar month under consideration. $X = 10$ $Y = 10$</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>
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C1.2 Contract 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	As per tender and approved by MCLM
Defects liability period	5.14.5.2 6.10.5.1	12 Months 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. Add the following: The quantities in the Bill of Quantities are nominal quantities which are included solely for the purpose of Tender evaluation. These quantities are not guaranteed, nor have they any other significance in terms of the contract other than a means of assessing the Tender. Only the actual quantities of work, which are executed by the Contractor in fulfilment of his obligations under the Contract, will be measured or approved by the Engineer for payment purposes. An alteration of the quantities included in the Bill of Quantities shall not affect the validity of the contract. The Tendered rates and prices shall remain valid and applicable irrespective of any differences between the quantities in the Bill of Quantities and the quantities finally certified for payment.
Daywork percentages	6.5.1.1	As tendered in Schedule of Quantities
Provisional sums and prime cost sums	6.6	Delete this sub-clause and replaced with the following: "Expenditure in connection with Provisional and Prime Cost Sums shall be solely at the discretion and on the instruction of the Engineer. No expenditure shall be incurred under a Contingency Allowance without the written approval of the Employer. Any parts of the amounts provided under any of the above items in the bill of Quantities which are not expended shall not be included in the Contract Price

C1.2 Contract Data

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.”
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)
Special Materials	6.8.3	As per Schedule of Special Materials
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”.
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

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
Expected risks	8.3	Add the following: "Risk arising from political riot and malicious damage, unless these risks are insurable with the South African Special Insurance Association at the time of tendering and it is stipulated in the Contract Data that the contractor is to effect insurance against these risks."
Indemnifications	8.4	<p>"hereby indemnifies the Employer, the Engineer and all consultants against any liability in respect of damage to or physical loss of the property of any person, including any employee of the Contractor, or injury to or death of any person, including any employee of the Contractor and"</p> <p>Add the following:</p> <p>Without prejudice to any of the rights of the Employer arising from any of the provisions of this agreement, the Contractor indemnifies and holds the Employer harmless against all loss, liability. Damage, claim, proceeding or expenses of any nature whatever (including without limiting the generality of the afore going) all party, attorney and client costs incurred by the Employer which the Employer may suffer as a result of or which may be attributed to:</p> <ul style="list-style-type: none"> -any liability of the Contractor, whether actual or contingent; -any liability of the Contractor for taxation, for which purpose the terms "taxation" shall include normal taxation, value added tax, minimum or secondary taxation on companies, District or equivalent levies, all other forms of levies or taxation and any penalties or interest as a result thereof; -the contractors performance in terms of this agreement; -The Contractor indemnifies the Employer in respect of all actions, prosecutions or claims of any nature that might be brought in any manner against the Contractor as a consequence of the negligence of the Contractor, its employees, members or any persons under its control; <p>The Contractor shall not be liable for such liability, loss, damage, claim, proceeding or expense where same was due to any act or neglect of the Employer or any person for whose actions the Employer is legally liable.</p>
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

C1.2.2 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	<p>The Contractor is.</p> <p>Name:</p>									
1.2.1	<p>The address of the Contractor is:</p> <p>Address (physical):</p> <p>.....</p> <p>.....</p> <p>Address (postal):</p> <p>.....</p> <p>Telephone: Facsimile:</p> <p>e-mail:</p>									
6.8.3	<p>The variations in the price of special materials:</p> <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>	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.

C1.3.1 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 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

C1.3 Forms of Securities

-
- 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;
- 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.
 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:

- i) 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
- ii) The contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and regulations will be fully complied with, and
- iii) 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.
- iv) 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.
- v) 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.

C1.3 Forms of Securities

- vi) Work should not be done at the expense of human safety or health.
- vii) Work shall be executed under humane conditions, especially with reference to hours and H&S issues in mind.
- viii) 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.

C1.3.4 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

1. Measurement and payment shall be in accordance with the relevant provisions of the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition) as amended in the Scope of Works.
3. For the purpose of these Bills of Quantities, the following words shall have the meanings hereby assigned to them:

Unit:	The unit of measurement for each item of work as defined in the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition).
Quantity:	The number of units of work for each item.
Rate:	The agreed payment per unit of measurement.
Amount:	The product of the quantity and the agreed rate for an item.
Lump sum:	An agreed amount for an item, the extent of which is described in the Bills of Quantities but the quantity of work of which is not measured in any units.
4. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
5. It will be assumed that prices included in the bills of quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards)
6. The prices and rates in these Bills of Quantities are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. These prices will be used as a basis for assessment of payment for additional work that may have to be carried out.
7. Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered such items.
8. An item against which no price is entered will be considered to be covered by the other prices or rates in the Bills of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.
9. The quantities set out in these Bills of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in these bills of Quantities.
10. Reasonable compensation will be received where no pay item appears in the Bills of Quantities in respect of work required in terms of the contract and which is not covered in any other pay item.
11. The short descriptions of the items of payment given in these Bills of Quantities are only for the purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work. **The Bill of Quantity included is merely a guide to cover the anticipated work to be done. The actual work to be performed will be dependent on the needs identified at the time and the estimates could therefore vary from one Section to another, to fit within the annual budget approval of the Municipality.**
12. The item numbers appearing in the Bills of Quantities refer to the corresponding item numbers in the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition).

13. Any enquiries regarding the tendering procedure may only be directed to –
Ms. Maropeng Mokhatla
Supply Chain Management
KRUGERSDORP
Tel: 011 951 2541
Or:
for Technical Information –
Johan Britz (MCLM – ROADS AND TRANSPORT SERVICES)
Tel: 011 951 2141 or: 0824485218

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.

C2.1 Pricing Instructions

13. The units of measurement indicated in the schedule of quantities are metric units. The following abbreviations are used in the schedule of quantities:

mm	=	millimetre	H	=	Hour
m	=	meter	Ha	=	Hectare
km	=	kilometre	Kg	=	Kilogram
m ²	=	square meter	Km-pass	=	Kilometer-pass
ha	=	hectare	KPa	=	Kilopascal
m ³	=	cubic meter	KW	=	Kilowatt
l	=	litre	m ² -pass	=	Square metre-pass
kl	=	kiloliter	m ³ -km	=	Cubic metre-kilometre
kg	=	kilogram	MN	=	Meganewton
t	=	ton (1 000 kg)	MN.m	=	Meganewton-meter
No	=	number	Mpa	=	Megapascal
%	=	per cent	R/only	=	Rate only
P C sum	=	prime cost sum	T	=	Ton (1000 kg)
prov sum	=	provisional sum	W/day	=	Work day
Sum	=	Lump sum			

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.
17. The item numbers appearing in the Bills of Quantities refer to the corresponding item numbers in the COLTO Standard Specification for Road and Bridge Works for State Authorities (1998 edition).

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.

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

Part C3: Scope of Work**Section 1 - Patching;****Section 2 - Resurfacing with Bituminous Asphalt,****Section3 -Treatment of existing surface exhibiting certain defects / Slurry's;****Section 4 – Single seals**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12	GENERAL REQUIREMENTS AND PROVISIONS				
B12.01	Standing time				
	(a) Milling team	hr	1		
		hr	1		
	(b) Paving team				
	(c) Road Seal team	hr	1		
	(d) Patching team	hr	1		
13	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS (REFER TO PARTICULAR PROJECT SPECIFICATIONS-SECTION 1300)				
	Contractor's general obligations				
	(a) Fixed obligations per year				
	(b) Value-related obligations				
	(c) Time-related obligations (include OHSA and Construction Regulations)				
	(d) In respect of the OHSA and construction regulations				
	(e) Provision of full time Safety Officer				
	(f) Submission of Health & Safety File	sum	1		
					Lump sum (which will be 12% of works order issued. Do not submit rate or lump sum
15	ACCOMMODATION OF TRAFFIC (REFER TO PARTICULAR PROJECT SPECIFICATIONS-SECTION 1500)				
B15.01	Accommodating traffic and maintaining temporary deviation's				
	(a) Primary/Secondary - multi lanes	km	1		
	(b) Secondary - single lane	km	1		
	(c) Main Tertiary - single lane	km	1		
	(d) Tertiary - single lane	km	1		
18	Day works/ Personnel during project working hours				
B18.01	(a) Unskilled labour	Day	1	186,00	186.00
	(b) Semi-skilled labour / Interns	Day	1	256,00	256.00
	(e) CLO (Community Liason Officer), inclusive of Cellphone allowance	Month	1	6,160.00	6,160.00

Section 1 - Patching;**Section 2 - Resurfacing with Bituminous Asphalt,**

Section 3 - Treatment of existing surface exhibiting certain defects / Slurry's; Section 4 – Single seals

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
22	DRAINAGE				
22.03	Laying of pre-fabricated concrete pipes (All inclusive, Refer to Project Specifications) (b) On class B bedding (Annexure B1) (i) 450mm 25D storm water pipe (iii) 600mm 50D storm water pipe (iv) 750mm 50D storm water pipe (v) 900mm 50D storm water pipe	m m m m	Rate only Rate only Rate only Rate only		
22.17	Manholes, catchpits and pre-cast structures complete (All inclusive, Refer to Project Specifications) (a) Manholes: 0-2m max. depth (As per Annexure B5) 450mm dia. 600mm dia. 750mm dia. 900mm dia. (b)(iii) Catchpits (As per Annexure B2) 1,5m length 3,0m length 4,5m length 6,0m length (c)(i) Catchpits (As per Annexure B3) 0,9m length 1,8m length 2,7m length 3,6m length 4,5m length (d) Extra over or less than subitem 22.17(a) for variations in the depths of manholes from the standard depth designated from tendering purposes. (e)(i) Kerb - inlet slab (concrete, 25 Mpa) , As per Annexure B4 0,9m x 0,9m 0,1m thick 1,2m x 0,9m 0,1m thick (e)(ii) Kerb - inlet slab (concrete, 25 Mpa) - Heavy Duty: 1m x 1m 0,1m thick 2m x 1m 0,1m thick	No. No. No. No. No No No No No No No No No No No No m No No No No	Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only Rate only		
22,21	Accessories: (a) Manhole covers including frames (Rocla Type 2a or similar – Medium duty (Annexure B5) (a)(i) Concrete (25Mpa) sully and fit.	No	Rate only		

Section 1 - Patching; Section 2 - Resurfacing with Bituminous Asphalt,

Part C3: Scope of Work**Section 3 - Treatment of existing surface exhibiting certain defects / Slurry's; Section 4 – Single seals**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
23	CONCRETE KERBING				
23.01	(All inclusive, Refer to Project Specifications)				
	(a) Fig. 3	m			
	(b) Fig 8b	m			
	(c) Fig. 12	m			
	(d) Type C	m			
	(e) Any other types: bidder to specify _____	m			
56.01	TRAFFIC SIGNS SUPPLIED, COMPLETE WITH CLAMPS, BOLTS, NUTS & POLES				
	(a) Regulatory signs - full series (R - Series)				
	(i) Size : 600mm	No	Rate only		
	(ii) Size: 900mm	No	Rate only		
	(b) Warning Signs - full series (W - Series)				
	(i) Size : 900mm	No	Rate only		
	(c) Hazard marker Signs - (W - Series)				
	(d)(i) 1.8m x 50mm x 50mm sq tubing, painted admiral grey	No	Rate only		
	(d)(ii) 3.0m x 50mm x 50mm sq tubing, painted admiral grey	No	Rate only		
	(d)(iii) Steel round Tubing, including base plate, top blanked off, treated and painted admiral grey color (3.0m long) 1,6mm thickness	No	Rate only		
	(e) Excavations for sign supports, including backfilling with 25 Mpa Concrete (300mm x 300mm x 600mm deep) and planting the poles as per Annexure B7)	m3	Rate only		
B57.02	ROAD MARKINGS				
	Retro-reflective road-marking paint				
	(a) White lines (broken or unbroken)				
	(1) 100 mm wide - Exceeding 50 m	km	1		
	(2) 150 mm wide - Exceeding 50 m	km	1		
	(b) lines (broken or unbroken)				
	(1) 150 mm wide - Exceeding 50 m	km	1		
	(d) White lettering and symbols	m ²	1		
	(e) lettering and symbols	m ²	1		
	(f) Transverse lines, painted island (any color)	m ²	1		
	g) Kerb markings - (black 1 m & white 1m)	m ²	1		
57.06	Setting out and pre-marking the lines	Km	1		
57.08	Removal of existing, temporary or permanent road markings by;				
	(a) Sand blasting	m ²	1		
82.01	Sampling / Testing	PC	1		
	The Contractor to obtain quotations, inclusive of 10% handling fees, for approval by the engineer, to be paid under Contingencies	Sum			50,000.00
Total Carried Forward To Summary Page: P&G'S , Road Markings, etc. (All Sections)					

Part C3: Scope of Work**Section: 1 - PATCHING**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
39	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt on cemented pavement layers for patching: (a) Sawing asphalt to an average depth; (i) Not exceeding 50mm. (ii) Exceeding 50mm but not 100mm	m ² m ²	1 1		
39,02	Excavation in existing pavements for patching in; (a) Asphalt Layers (b) Cemented layers (c) Other layers (Gravel, crushed stone)	m ³ m ³ m ³	1 1 1		
39,03	Backfilling of excavations for patching with; (a) Chemically stabilized pavement material (G3 material, nominal size 26.5mm, 4% cement) (i) Not exceeding 5m ² (ii) Exceeding 5m ² but not 100m ² (iii) Exceeding 100m ²	m ³ m ³ m ³	1 1 1		
39,04	Compacting the floor of excavations for patching	m ²	1		
39,05	Cutting back the edges of the existing surfacing for the repairing of edge breaks	m	1		
41	PRIME COAT				
41,01	Prime Coat: Apply (e) Invert bitumen emulsion @ 0,8 L/m ² nominal application rate (i) Not exceeding 9000l (ii) Exceeding 9000l	l l	1 1		
42,11	Asphalt layer constructed for rehabilitation purposes in accordance with the provisions of sub clauses 4213(f)(ii) or 4213(f)(iii) (a) Base constructed with new asphalt (35/50 Pen Bitumen, 4,5% bitumen) (1) Continuously graded, BTB medium, max. 26.5 mm (ii) To various depths (b) Surfacing constructed with new asphalt (50/70 Pen Bitumen, 5% Bitumen) (1) Continuously graded, medium, max. 13.2 mm (ii) Maximum 60 mm thickness	t t	1 1		
Total Carried Forward to Summary Page (Section 1)					

SECTION 2 - RESURFACING WITH BITUMINOUS ASPHALT

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
35,01	CHEMICAL STABILIZATION Base layers (all materials) compacted to the specified density, stabilized with Ordinary Portland Cement (OPC) or alternative to be specified and pre- approved: 100mm to 150mm thickness, all inclusive to construct the stabilized layer, using plant, spreading and mixing the material and stabilizing agent, supervision and labour, tools and incidentals to complete the specified work, excluding the cost for supplying the Stabilizing agent (item 35.02)	m ³	1		
35,02	Chemical Stabilizing Agent: (% Stabilizing agent as specified by Engineer)				
	(a) Ordinary Portland Cement (OPC)	t	1		
	(b) Alternative to be specified and pre-approved	t	1		
35,03	(i) IN-SITU COLD RECYCLING WORK, PAVEMENT LAYERS REHABILITATED USING AN IN-SITU RECYCLING MACHINE New Pavement Layers, constructed by in-situ recycling				
	(a) Establishment on site: Approved in situ Recycling machine suitable for Class III and IV roads.	No.	10		
	(b) Levelling, compacting and preparing Recycled Asphalt Pavement (RAP) material	m ³	1		
35,03	(ii) BREAKING OF EXISTING PAVEMENT LAYERS Milling out existing bituminous material with an average milling depth;				
	(a) Not exceeding 30 mm	m ²	1		
	(b) Exceeding 30 mm but not exceeding 60 mm	m ²	1		
	(c) Exceeding 60 mm	m ²	1		

SECTION 2 - RESURFACING WITH BITUMINOUS ASPHALT (CONT.)

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
38,15	Moving the milling machine on site for a distance exceeding 1 km (Up to 1 m working width)	No.	1		
38,16	Fine 'milling' to improve skid resistance or to remove rutting and unevenness (max 40 mm deep)				
	(a) Not exceeding 1000 m ²	m ²	1		
	(b) Exceeding 1000 m ²	m ²	1		
39	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt on cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth;				
	(i) Not exceeding 50 mm.	m ²	1		
	(ii) Exceeding 50 mm but not 100 mm	m ²	1		
39,02	Excavation in existing pavements for patching in;				
	(a) Asphalt Layers	m ³	1		
	(b) Cemented layers	m ³	1		
	(c) Other layers (Gravel, crushed stone)	m ³	1		
39,03	Backfilling of excavations for patching with;				
	(a) Chemically stabilized pavement material (G3 material, nominal size 26.5 mm, 4 % cement)				
	(i) Not exceeding 5 m ²	m ³	1		
	(ii) Exceeding 5 m ² but not 100 m ²	m ³	1		
	(iii) Exceeding 100 m ²	m ³	1		
39,04	Compacting the floor of excavations for patching	m ²	1		
39,05	Cutting back the edges of the existing surfacing for the repairing of edge breaks	M	1		
41	PRIME COAT				
41,01	Prime Coat: Apply				
	(e) Invert bitumen emulsion @ 0,8 ℓ/m ² nominal application rate				
	(i) Not exceeding 9000 ℓ	ℓ	1		
	(ii) Exceeding 9000 ℓ	ℓ	1		
42	ASPHALT BASE AND SURFACING				
42	Site Establishment (for machine work) per year	Sum	1		
	(a)(i) Asphalt base, 100 mm thick (Continuously graded, 26,5 mm aggregate), not exceeding 100 Ton. 4,5 % Bitumen, 35/50 Pen Bitumen).	T	1		
42.01	(a)(ii) Asphalt base (Continuously graded, 26,5 mm aggregate), exceeding 100 Ton. 4,5 % Bitumen, 35/50 Pen Bitumen).	T	1		

SECTION 2 - RESURFACING WITH BITUMINOUS ASPHALT (CONT.)

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
42,02	Asphalt Surfacing (a)(i) Continuously graded placed by machine (medium grade), 4,5%, max 13,2 mm, 50/70 Pen Bitumen, exceeding 10 t (d)(i) Continuous graded placed by machine. 4, 5 %, 50/70 Pen Bitumen modified AP-1, max. 19 mm aggregate, exceeding 10t.	t	1		
42,04	Tack coat of 30% stable grade bituminous emulsion (i) Not exceeding 9000 ℓ (ii) Exceeding 9000 ℓ	ℓ	1		
42,05	Binder variations (a) 35/50 Pen Bitumen (b) Stable grade emulsion	t	1		
42,06	Variation in active filler content; (a) Cement (b) Lime	t	1		
42,08	100mm cores in asphalt paving (when required as per Engineers request)	No	1		
42,11	Asphalt layer constructed for rehabilitation purposes in accordance with the provisions of sub clauses 4213(f)(ii) or 4213(f)(iii) (a) Base constructed with new asphalt (35/50 Pen Bitumen, 4,5% bitumen) (1) Continuously graded, BTB medium, max. 26.5 mm (ii) To various depths (b) Surfacing constructed with new asphalt (50/70 Pen Bitumen, 5% Bitumen) (1) Continuously graded, medium, max. 13.2 mm (ii) Maximum 60 mm thickness	t	1		
48	TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS				
48,06	Cleaning of cracks with compressed air	m	1		
48,07	Applying bituminous binders and herbicides for sealing cracks (a) Herbicides: Glyphosate (480g/l SL or similar) (d) Hot bitumen rubber	ℓ	1		
Total Carried Forward to Summary Page (Section 2)					

SECTION3 - TREATMENT OF EXISTING SURFACE EXHIBITING CERTAIN DEFECTS / SLURRY'S

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
39	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt on cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth;				
	(i) Not exceeding 50 mm.	m ²	1		
	(ii) Exceeding 50 mm but not 100 mm	m ²	1		
39,02	Excavation in existing pavements for patching in;				
	(a) Asphalt Layers	m ³	1		
	(b) Cemented layers	m ³	1		
	(c) Other layers (Gravel, crushed stone)	m ³	1		
39,03	Backfilling of excavations for patching with;				
	(a) Chemically stabilized pavement material (G3 material, nominal size 26.5 mm, 4% cement)				
	(i) Not exceeding 5 m ²	m ³	1		
	(ii) Exceeding 5 m ² but not 100 m ²	m ³	1		
	(iii) Exceeding 100 m ²	m ³	1		
	(b) Base material stabilized with bituminous emulsion for a patch with a surface area				
	(i) Not exceeding 5 m ²	m ³	1		
	(ii) Exceeding 5 m ² but not 100 m ²	m ³	1		
	(iii) Exceeding 100 m ²	m ³	1		
39,04	Compacting the floor of excavations for patching	m ²	1		
39,05	Cutting back the edges of the existing surfacing for the repairing of edge breaks	m	1		
41	PRIME COAT				
41,01	Prime Coat: Apply				
	(a) Bitumen emulsion prime @ 0,8 ℓ /m ² nominal application rate (Anionic bitumen emulsion)				
	(i) Not exceeding 9000 ℓ	ℓ	1		
	(ii) Exceeding 9000 ℓ	ℓ	1		
	(e) Invert bitumen emulsion @ 0,8 ℓ /m ² nominal application rate				
	(i) Not exceeding 9000 ℓ	ℓ	1		
	(ii) Exceeding 9000 ℓ	ℓ	1		
42,11	Asphalt layer constructed for rehabilitation purposes in accordance with the provisions of sub clauses 4213(f)(ii) or 4213(f)(iii)				
	(a) Base constructed with new asphalt (35/50 Pen Bitumen, 4,5% bitumen)				
	(1) Continuously graded, BTB medium, max. 26.5 mm				
	(ii) To various depths	t	1		
	(b) Surfacing constructed with new asphalt (50/70 Pen Bitumen, 5% Bitumen)				
	(1) Continuously graded, medium, max. 13.2 mm				
	(ii) Maximum 60 mm thickness	t	1		

SECTION3 - TREATMENT OF EXISTING SURFACE EXHIBITING CERTAIN DEFECTS / SLURRY'S (Cont.)

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
48	TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS				
48,01	Treatment with diluted bituminous emulsion (fog spray)				
	(a) 30% bitumen emulsion				
	(i) exceeding 9000 ℓ	ℓ	1		
	(b) 60% bitumen emulsion				
	(i) exceeding 9000 ℓ	ℓ	1		
48,03	Slurry Seal				
	(b) Slurry applied by hand				
	(i) Fine, course grade	m ³	1		
	(ii) Coarse, type 2	m ³	1		
	(c) Slurry applied by spreader box (exceeding 5 m ³)				
	(i) Fine, course grade	m ³	1		
	(ii) Coarse, type 2	m ³	1		
48,06	Cleaning of cracks with compressed air	m	1		
48,07	Applying bituminous binders and herbicides for sealing cracks				
	(a) Herbicides: Glyphosate (480g/l SL or similar)	ℓ	1		
	(d) Hot bitumen rubber	ℓ	1		
48,14	Rapid - set Slurry applied by spreader box (exceeding 5 m ³) 6 mm, 190 ℓ/m ³				
	(I) (Coarse, type 2 Slurry applied by spreader box, Machine- Applied Micro surfacing, SBR/SBS latex modified emulsion, 190 ℓ/m ³ (AC-E1) Rut filling(AC-E2)	m ³	1		
Total Carried Forward to Summary Page (Section 3)					

Section 4- SINGLE SEALS

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
42,11	Asphalt layer constructed for rehabilitation purposes in accordance with the provisions of sub clauses 4213(f)(ii) or 4213(f)(iii) (a) Base constructed with new asphalt (35/50 Pen Bitumen, 4,5% bitumen) (1) Continuously graded, BTB medium, max. 26.5 mm (ii) To various depths (b) Surfacing constructed with new asphalt (50/70 Pen Bitumen, 5% Bitumen) (1) Continuously graded, medium, max. 13.2 mm (ii) Maximum 60 mm thickness	t	1		
44	SINGLE SEALS				
44,01	(a) Using 4,75 mm washed grid aggregate exceeding 5000 m ² (i) Bitumen-rubber (Grit seal @1.6 ℓ/m ² or similar approved) (c) Using 9,5mm aggregate exceeding 5000 m ² (Nominal application rate of 9,5mm aggregate = 140 m ² /m ³) (i) SBS @ 1,4 ℓ/m ² (S-E1) (ii) SBR @ 1,4 ℓ/m ² (S-E1) (iii) Bitumen rubber @ 1,8 ℓ/m ² (iv) Modified emulsion @ 1,7 ℓ/m ² (SC-E1 or SC-E2) Cationic Rapid setting emulsion 60% with resistance to flow @ 1,9 ℓ /m ² (Chip seal or equivalent) (d) Using 13.2mm aggregate exceeding 5000 m ² (Nominal application rate of 13,2mm aggregate = 100 m ² /m ³) (i) SBS @ 1,4 ℓ /m ² (S-E1) (ii) SBR @ 1,4 ℓ /m ² (S-E1) (iii) Bitumen rubber @ 2,1 ℓ /m ² (iv) Modified emulsion @ 1.9 ℓ /m ²	m ²	1		
44,02	Bituminous binder variation: (a) SBS @ 1,4 ℓ /m ² (S-E1) (b) SBR @ 1,4 ℓ /m ² (S-E1) (c) Bitumen Rubber @2,1 ℓ /m ² (S-R1), Bitumen Rubber (S-R2) with an extended shelf life of minimum 3 days and longer (NCRT or equivalent) @ 2,1 ℓ /m ² (d) Modified Emulsion @1,9 ℓ /m ² (SC-E1 or SC-E2) Cationic Rapid setting emulsion 60% with resistance to flow @1,9 ℓ /m ² (Chip seal or equivalent) Aggregate variation (c) 9,5 mm aggregate (d) 13,2 mm aggregate	m ² m ² m ² m ² m ² m ² m ³ m ³	rate only rate only rate only rate only rate only 1 1		
44,05	Pre-coating the aggregate at a rate of 12 ℓ /m ³ or as specified- Pre-coating fluid: Bitu-coat/Colcote S or similar	m ³	1		

Part C3: Scope of Work**SECTION 4- SINGLE SEALS (Cont.)**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
44.00B LI	SINGLE SEALS: LABOUR BASED CONSTRUCTION				
44.01B LI	Emulsion application by hand sprayer (Ian Dickie or similar), stone aggregate application by manually operated chip spreader (Chippy or similar).				
	(c) Using 9,5 mm aggregate exceeding 2000 m ² , (Nominal application rate of 9,5 mm aggregate = 140 m ² /m ³)				
	(i) Cationic Rapid setting emulsion 60% with resistance to flow (Chip seal or equivalent) @1,7 l /m ²	m ²	1		
	(d) Using 13,2 mm aggregate exceeding 2000 m ² (Nominal application rate of 13,2 mm aggregate = 100m ² /m ³)				
	(i) Cationic Rapid setting emulsion 60% with resistance to flow (Chip seal or equivalent) @2,4 l/m ²	m ²	1		
44.02B	Bituminous binder variation:				
	(j) Cationic Rapid setting emulsion 60% with resistance to flow (Chip seal or equivalent)				
	Aggregate variation				
	(c) 9,5 mm aggregate	m ³	1		
	(d) 13,2 mm aggregate	m ³	1		
48	TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS				
48,06	Cleaning of cracks with compressed air	m	1		
48,07	Applying bituminous binders and herbicides for sealing cracks				
	(a) Herbicides: Glyphosate (480g/l SL or similar)	ℓ	1		
	(d) Hot bitumen rubber	ℓ	1		
Total Carried Forward to Summary Page (Section 4)					

SUMMARY PAGE**Section 1: PATCHING**

DESCRIPTION :	TENDERED AMOUNT
P&G's , ROAD MARKINGS, ETC.	
PATCHING	
SUB TOTAL:	
+ Contingencies 5%	
SUB TOTAL: CARRIED FORWARD TO FORM OF OFFER (Vat Excl)	

Section 2: ASPHALT SEALS

DESCRIPTION :	TENDERED AMOUNT
P&G's , ROAD MARKINGS, ETC.	
ASPHALT SURFACING	
SUB TOTAL:	
+ Contingencies 5%	
SUB TOTAL: CARRIED FORWARD TO FORM OF OFFER (Vat Excl)	

Section 3: SLURRY SEALS

DESCRIPTION	TENDERED AMOUNT
P&G's , ROAD MARKINGS, ETC.	
TREATMENT OF EXISTING SURFACE DEFECTS / SLURRY'S	
SUB TOTAL:	
+ Contingencies 5%	
SUB TOTAL: CARRIED FORWARD TO FORM OF OFFER (Vat Excl)	

Section 4: SINGLE SEALS

DESCRIPTION	TENDERED AMOUNT
P&G's , ROAD MARKINGS, ETC.	
SINGLE SEALS	
SUB TOTAL:	
+ Contingencies 5%	
SUB TOTAL: CARRIED FORWARD TO FORM OF OFFER (VAT Incl.)	

Section 1,2,3 & 4	
TOTAL: CARRIED FORWARD TO FORM OF OFFER (Vat Inclusive)	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 CPIX or Industry Fluctuations Rate or Exchange Rate.

.....

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

.....
Signature of a person authorized to sign tender document

.....
Date

MOGALE CITY LOCAL MUNICIPALITY



THE CONTRACT:

PART C3: SCOPE OF WORK

PART C3: SCOPE OF WORK**INDEX****Page no****C.3 SCOPE OF WORKS:**

- C3.1 DESCRIPTION OF WORK
- C3.2 ENGINEERING
- C3.3 PROCUREMENT
- C3.4 CONSTRUCTION
- C3.5 MANAGEMENT

C3.6.1 PROJECT SPECIFICATIONS (Part 1)

- PS1 CONTRACT DETAILS
- PS2 CONSTRUCTION DOCUMENTATION REQUIRED
- PS3 SITE FACILITIES AVAILABLE
- PS4 SITE FACILITIES REQUIRED
- PS5 ASPECTS REQUIRING SPECIAL ATTENTION
 - 5.1 Site Maintenance & Security
 - 5.2 Existing Services
 - 5.3 Testing & Quality Control
 - 5.4 Removal of Trees
 - 5.5 Accommodation of Other Contractors
 - 5.6 Subcontractors
 - 5.7 Opening & Closing Down of Borrow Pits
 - 5.8 Adjacent Residential Area
- PS6 AS-BUILT DRAWINGS
- PS7 SAMPLES
- PS8 NOTICES, SIGNS & BARRICADES
- PS9 WORKMANSHIP & QUALITY CONTROL
- PS10 SPOIL MATERIAL
- PS11 TRENCHES
- PS12 TRANSPORT OF MATERIAL
- PS13 EMPLOYMENT OF LOCAL LABOUR
- PS14 REFERENCES IN SCHEDULE OF QUANTITIES
- PS15 RATES ALL INCLUSIVE
- PS16 ESCALATION
- PS17 ACCOMMODATION OF TRAFFIC
- PS18 EARTHWORKS – HAULAGE
- PS19 OCCUPATIONAL HEALTH & SAFETY ACT
- PS20 APPLICABLE STANDARDISED SPECIFICATIONS & REGULATIONS
- PS21 STATUS

C3.6.2 PROJECT SPECIFICATIONS (Part 2)

1100 DEFINITIONS AND TERMS

1500 ACCOMODATION OF TRAFFIC

1600 OVERHAUL

1800 DAYWORKS

2200 DRAINAGE

2300 CONCRETE KERBING

3200 SELECTION, STOCKPILING AND BREAKING DOWN OF MATERIAL

3800 BREAKING UP EXISTING PAVEMENT LAYERS

4200 ASPHALT BASE AND SURFACING

4400 SINGLE SEALS

4800 TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS

5700 ROAD MARKING

8200 QUALITY CONTROL

C3.7 GENERIC SPECIFICATION - OCCUPATIONAL HEALTH & SAFETY

C3 SCOPE OF WORKS**C3.1 DESCRIPTION OF THE WORKS****C3.1.1 Employer's Objectives**

Rehabilitation and resurfacing of roads on as per the Annual Roads Project Plans over a period of 36 months period. The works in this contract are to be executed by using both conventional construction equipment and labour intensive methods,

The "Bill of Quantities" will be determined from time to time when orders are issued to execute work. The "Contract" shall be the total as reflected by the works order issued from time to time and will be subject to budget approval by the Municipality.

C3.1.2 The work to be performed is within the area of jurisdiction of the Mogale City Local Municipality.

C3.1.3 Extent of the Works

The works will be divided into four sections, as follows:

- *Section 1: Patching (pothole repairs, etc)*
- *Section 2: Asphalt base and surfacing.*
- *Section 3: Treatment of bituminous road surfaces exhibiting certain defects:*
Slurry seals & Micro surfacing, etc.
- *Section 4: Single & Double Seals.*

The estimated quantities for the three respective years are:

Year	Section 1		Section 2		Section 3			Section 4			
	Unit	Qty	Unit	Qty	Unit	Qty		Unit	Qty	Unit	Qty
									13.2mm		9.5mm
1	Ton	1000	Ton	2500	m ³	1600	*	m ²	25 000	m ²	47 600
					m ³	200	#				
2	Ton	1000	Ton	2500	m ³	1600	*	m ²	25 500	m ²	52 400
					m ³	200	#				
3	Ton	1000	Ton	2500	m ³	1600	*	m ²	25 000	m ²	57 600
					m ³	200	#				

Notes:

= Quick-set Latex Modified Slurry, Medium grade SBR/SBS latex modified emulsion

* = Slurry Seals: Fine, course grade and Course, type 2

The extent will be defined from time to time, as and when required in the Bill of Quantities, subject to budget approval by the Mogale City Local Municipality.

The description of the work contained in the Scope of Work is merely an outline of the work to be executed in terms of the contract, and shall not limit the work to be carried out by the Contractor. The planned program for each year will be provided to the Contractor by Mogale City before commencement of the work for each year.

The extend as defined from time to time, on an as and when required basis will include the following:

- i. Compiling and submission for approval of a detailed site safety plan and construction method statement.
- ii. Compiling and submission of quality management plans for approval by the Engineer.
- iii. Submission of mix-designs for approval by the Engineer.
- iv. Maintaining an electronic copy (xl sheet) of all works as measured for payment purposes, including road lengths, names, widths and areas completed for submission to the Engineer when required.
- v. Structured and detailed interaction by the contractor with various role players to ensure timeous completion of the works for each shift. These role players include the Mogale City Traffic Department.
- vi. The establishment on site of the campsite for construction equipment, plant, site offices and maintenance area.
- vii. The rehabilitation and resurfacing of various road pavements using:
 - Bituminous asphalt for Pothole Patching, etc. (Section 1)
 - Bituminous asphalt on existing bituminous road surfaces (Section 2)
 - Bituminous single seals on existing bituminous road surfaces (Section 4)
 - Bituminous slurry seals for the treatment of bituminous road surfaces exhibiting certain defects (Section 3)
 - Base material stabilized with cement, bituminous emulsion and/or Asphalt Surfacing for patching repairs on existing bituminous road surfaces (Section 1,2,3&4)
- viii. Cleaning the construction area after each work shift to the satisfaction of the Engineer.
 - Cleaning of the road surface before commencement of any rehabilitation or resurfacing work undertaken, including the removal of weeds and sand.
 - Referencing and surveying of all existing Road Markings before the start of the rehabilitation work.
 - Reinstatement of the original paint marking after completion of the works.
 - Demarcating of work area and safety where the construction area will be demarcated in accordance with the SA Traffic Manual and the required temporary signs, markings erected and/or applied in co-operation with the Traffic Department of the Mogale City Local Municipality. The Contractor shall nominate his traffic safety officer who will fulfill the duties as specified and communicate with the Traffic Department.
 - The measurement of all completed works by the Contractor and the Municipality's representative for invoicing purposes.
 - Quality Control and testing as directed by the Engineer and specified in the Contract.
- IX. The application of road markings, which entails the following:
 - Permanent marking of the road surface with white, and red or road painted lines or symbols using standard or retro reflective road-marking paint supplied by the Contractor.
 - Permanent marking of the road surface with white, or road painted lines or symbols using thermo-plastic road-marking paint supplied by the Contractor.
 - Removal of existing, temporary or permanent road markings.
- X Minor construction works, reinstatement of damaged Kerbs, storm water inlets and Pipes as required.
- XI Install road furniture (signage, poles, etc, as directed by the Engineer)

C3.2: ENGINEERING

C3.2.1 Design Services and Activity Matrix

The responsibilities for design and related documentation are as follows:

DESCRIPTION	RESPONSIBILITY
Design approval	Mogale City / Appointed Consultant
Proposed construction program and drawings (list of roads to be resurfaced/rehabilitated for the year)	Mogale City / Appointed Consultant
Submission of Materials design	Contractor / Appointed Consultant

C3.2.2 Employer's Design

The extent of the Employer's requirements is indicated in the documentation.

C3.2.3 Drawings

The reduced drawings will be issued as and when required.

The drawings shall not be used by the Contractor for any purpose other than the execution of the works.

Only figured dimensions on the drawings shall be used, and drawings shall not be scaled. The Engineer shall supply any figured dimensions, which have been omitted from the drawings. The levels given on the structural drawings are subject to confirmation on the site, and the Contractor shall submit all levels to the Engineer for confirmation before he commences any structural construction work. The Contractor shall also check all clearances given on the drawings and shall inform the Engineer of any discrepancies.

The Engineer may issue additional drawings as necessary to the contractor from time to time during the progress of the works. The Contractor shall timeously notify the Engineer of the priority in which drawings and details are required.

Before a Certificate of Completion will be issued all as-built data (e.g. roads resurfaced etc.) must be provided to the Engineer on completion of the Permanent Works. The data must be provided in electronic format or where appropriate marked up on the set of drawings provided by the Engineer. Any information in the possession of the contractor necessary for the Resident Engineer to complete his as-built drawings shall be supplied to the Resident Engineer on a regular basis and all information must be delivered before a Certificate of Completion will be issued.

C3.2.4 Design Procedures

Materials design to comply with the Applicable Standard Specifications and Particular Project Specifications

C3.3: PROCUREMENT

C3.3.1 Preferential Procurement Procedures

The Works shall be executed in accordance with the requirements specified in Section T1.2, Tender Data (Clause F3.11) and submitted by the Contractor in his Returnable Schedules.

C3.3.2 Subcontracting

Refer to the requirements of clause F1.6.3 in the Tender Data

C3.4: CONSTRUCTION

C3.4.1 Works Specifications

a) Applicable Standard Specifications

The Standard General and Technical Specifications shall be the COLTO – Standards Specifications for Road and Bridge Works for State Road Authorities (1998).

The Standard Specifications forming part of this contract have been written to cover all phases of work usually encountered on road and bridge contracts and may therefore cover items of work not encountered in this particular contract.

The Contractor is responsible for ensuring that he is thoroughly familiar with all the amendments and corrections before submitting his tender.

b) Particular (Project) Specifications

In certain clauses the Standard Specifications allow a choice to be specified in the Particular (Project) Specifications (C3.6) between alternative materials or methods of construction and for additional requirements to be specified to suit a particular Contract. Details of such alternatives or additional requirements applicable to this Contract are contained in the Particular (Project) Specifications (C3.6). It also contains some additional specifications required for this particular Contract.

c) Certification by Recognized Bodies

Where required, Standards South Africa (SABS) must undertake the certification of items for inclusion in the Works.

C3.4.2 Plant and Materials

a) Materials, Samples and Shop Drawings

Where required, requirements for proof of compliance with materials specifications, submission of samples of materials and finishes, requirements for shop drawings, are stated in the standard or project specifications. This will also apply to the subcontracts.

C3.4.3 Construction Equipment

- a) Requirements for Equipment
As indicated in the Project Specifications
- b) Equipment Provided by the Employer
None

C3.4.4 Existing Services
 Specifications related to existing services are provided in the Project Specifications.

C3.4.5 Site Establishment

- a) Services and Facilities Provided by the Employer

Approval for the establishment of a construction camp must be obtained from Mogale City Local Municipality. The Contractor is responsible for all arrangements for obtaining approval, establishment and subsequent removal and reinstatement of his construction camp. The contractor will have to provide 24 hour security at the entrance gate. The internal security for the contractor's plant and equipment shall be for the cost of the contractor. Security personnel may be allowed to overnight within the camp.

All regulations and local authority ordinances, as regards smoke emissions and noise abatements shall apply and compliance will be enforced as well as height restrictions and any required obstacle markers.

- b) **Facilities Provided by the Contractor**

The contractor will be required to erect a fence around the construction camp. The cost thereof is regarded to be included in the relevant rates for establishment on site.

The contractor shall make his own arrangements for the supply of electrical power, water telecommunication services, ablution facilities, sewer services, first aid facilities and other services, the payment thereof and all reinstatements required upon completion. No direct payment will be made to the Contractor for the provision of electrical and other services. The cost thereof shall be deemed to be included in the rates and amounts tendered for the various items of work for which these services are required.

The storage of fuels in tanks may be kept in the contractor's camp subject to the regulations of the authorities that require a berm or wall around the installation sufficient to retain the capacity fuel of the tanks.

The Contractor shall make his own arrangements for telephone and facsimile facilities.

- c) **Storage and Laboratory Facilities**

The contractor will be required to make use of an accredited laboratory to undertake nominal material testing for the Engineer on site. The contractor may also provide test results from their suppliers, provided that an accredited laboratory performed the material testing.

- d) **Other Facilities and Services**

The Contractor shall be responsible for the removal of all waste generated, and the proper disposal thereof elsewhere at his own cost.

If required by the Engineer, the Contractor shall supply portable chemical toilet facilities at the construction site for his staff as well as for the Engineer's supervisory staff. These facilities must be erected, and removed, and regularly serviced to the satisfaction of the Engineer.

- e) **Advertising Rights**

Only one sign board each, for the Contractor and his subcontractors may be erected adjacent to the construction camp along the fence.

f) Notice Boards

A construction notice board complying with the SAICE specifications must be provided and erected at a position to be agreed with the Engineer. The cost of the supply and erection of this notice board must be included in the establishment cost of the Contractor.

C3.4.6 Alterations, Additions, Extensions and Modifications to Existing Works

The Contractor must satisfy himself that the dimensional accuracy, alignment, levels and setting out of existing components are compatible with the proposed Works. Where this is not the case the Engineer's Representative must be notified in writing at the earliest possible time.

C3.4.7 Water for Construction Purposes

The Contractor must make all arrangements for the transport, storage and distribution of water required for construction purposes and his own use.

Should a standpipe be required from the Municipality this must be arranged with the Section: Water and Sanitation and the required deposit will be payable in advance before a standpipe will be issued. The standpipe will be metered and the cost of the water used will be deducted from the deposit amount paid to the Municipality.

C3.5: MANAGEMENT

C3.5.1 Management of the Works

a) Planning and Programming

The Contractor's programme must be based on the milestone dates for completion specified in Table C3.5.1 below and the Working Hours defined as 08:00 to 17:00 daily. Penalties will be imposed if these Interim Milestone dates are not achieved.

The Contractor must draw up his own programme that complies with all requirements of this project and which suites his own resources.

TABLE C3.5.1: INTERIM MILESTONE DATES

Milestone	Date not later than (Week from Commencement Date)
As and when required and agreed	

b) Sequence of the Works

An indication of the stated priorities as shown on the drawings of the road network according to the latest pavement management system (2015) survey.

c) Methods and Procedures

The methods and procedures that must be complied with are contained in Volumes 2, 3, 4 and 5 of the contract documentation. These include but are not limited to:

- Methods and Procedures in the Standards Specifications (Volume 2).
- Methods and Procedures in the Particular Specifications (C3.6).
- Occupational Health and Safety Specifications (C3.7.1).

Quality Plans and Control

d) The requirements for Quality Plans and Control is stated in the Particular Specification (C3.6.12).

e) Construction Method Statement

Within 14 days of the Commencement Date the Contractor shall submit a Construction Method Statement to the Engineer for approval by the Employer. Once approved, this Statement will form part of the Contract Document.

The Method Statement shall include:

- i. All measures to be implemented to comply with traffic safety.
- ii. All measures to be implemented to comply with the requirements of the OHS Act.
- iii. A contingency plan to deal with interruptions of shifts by inclement weather, plant breakdowns or emergency closures of the work areas.
- iv. Special measures, such as availability of back-up plant, to be implemented in normal shifts to comply with the Particular specifications.

f) Other contractors on Site

Other contractors may work in areas adjoining the road surface areas for rehabilitation.

g) Testing, Completion, Commissioning and Correction of Defects

The following requirements and/or procedures shall apply:

Procedures for testing, completion, commissioning and correction of defects shall be presented to the Engineer for approval.

h) Extension of time resulting from inclement weather and delays caused by actions of the employer

Delete the entire clause and replace with the following:

Change the existing heading of clause 1215 to read as above and wherever the expression 'abnormal rainfall' is encountered replace it with '*inclement weather*' and make the following changes to *Method (ii) (Critical-path method)* which will apply to this Contract:

Add the following as a new paragraph:

- "a) Extension of time resulting from abnormal rainfall or other forms of inclement weather shall be calculated according to the requirements of Method (ii) (Critical-path method). The value of "n" working days per calendar month as specified in this clause shall be as given in Table B1215/1 below. If no abnormal rainfall or other inclement weather periods occur during a specific calendar month (or months), the n-values as specified shall not be taken as accumulating over the contract period. If the "n"-days allowed for in the programme of work are not taken up by standing time due to abnormal rainfall or inclement weather conditions, they will fall away and will not be considered in extension of time claims that may arise later during the contract period.

Table B1215/1: Average ('n') delays due to inclement weather

Month	Jan*	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec*
'n' days delay	8	6	5	3	0	1	1	0	0	2	5	3

*If the Contractor programme to close during the traditional Christmas/New Year break, the days for December and January shall be reduced as shown in brackets.

The value 'n' is the average number of days on which more than 5 mm of rain has been measured by the weather station at Mogale for the period 2004 to 2005.

The Engineer's Representative will certify a shift loss due to abnormal rain or adverse weather conditions based on the following criteria:

- i) No work was possible during the relevant shift on any item which is on the critical path according to the latest approved construction programme, or if
- ii) Less than 50% of the work force and plant planned for that specific shift could work.

Actual extensions of time due to inclement weather shall be agreed between the Engineer's and Contractor's representatives on the site. The agreed shifts or parts thereof shall be recorded at the bi-weekly site meetings and adjustments made to the contract period on a bi-weekly basis by extending the contract period according to the number of shifts lost less the allowance 'n'. At the end of the contract, the Engineer shall prepare a variation order to formalize the payment of the accumulated delays in excess of the allowance due to inclement weather.

- b) Extension of time resulting from delays during shifts caused by operations of the Employer shall be allowed for in the contractor's programme. The number of working days to be allowed for in the Contractors programme is 4 days for the full contract period. The criteria listed in (i) and (ii) above will also apply to this extension of time.

Time lost during shifts shall be agreed between the Engineer's and Contractor's representative on site. The agreed shifts or parts thereof shall be recorded at the bi-weekly site meetings and adjustment made to the contract period on a bi-weekly basis by extending the contract period according to the number of shifts lost less the allowance. At the end of the contract, the Engineer shall prepare a variation order to formalize the payment of the accumulated delays due to Employers operations."

i) Format of Communications

All instructions or requests need to be confirmed in writing through:

- Site instructions.
- Requests for inspections/approvals.

j) Key Personnel

The Contractor and Engineer must compile a schedule of their Key Personnel with their contact numbers and keep it updated. The list must be made available to the Engineer, Employer and Contractor.

k) Management Meetings

The following formal meetings will be held at the office of the Engineer's Representative between the representatives of the Employer, Engineer and the Contractor:

- Progress meeting (frequency to be determined by the Engineer)
- Monthly technical meeting (Date and time to be agreed by attendees).

The representatives must have the necessary delegated authority in respect of aspects such as planning, change management and health and safety.

l) Daily Records

The Contractor must keep daily records of resources (people and equipment employed) and site diaries in respect of work performed on the site. A copy of the previous day's daily record must be provided to the Engineer on a daily basis.

m) Bonds and Guarantees (if specified)

Copies of the bonds and guarantees must be lodged at the office of the Mogale City Local Municipality. On release of the bond and guarantees, they can be collected from Mogale City Local Municipality.

n) Payment Certificates

The Engineer's certificate will be issued only after receipt, by him, of a draft certificate prepared by the Contractor at his own expense in the form prescribed by the Engineer. The cost of duplicating and delivering copies of the certificate to the contractor, the Engineer and the Employer shall be borne by the contractor. The Engineer and the employer shall require three (3) sets of A4-sized paper copies in total.

o) Insurance Provided by the Employer

For information on the Employer Insurance refer to Clause 32, 33 and 35 Section C1.2.

p) Extent of Works

1. Resurfacing of roads for the next three years (2022 to 2025), with the following Surfacing seals and Road Classes identified:

Description:	Estimated Quantities for the next 3 years		
	First Year	Second Year	Third Year
Bill of Quantities – Section 1: Patching. Primary Routes, Secondary Routes & Main Tertiary Routes	1000 Ton	1000 Ton	1000 Ton
Bill of Quantities – Section 2: Asphalt Surfacing. Primary Routes, Secondary Routes & Main Tertiary Routes	2500 Ton	2500 Ton	2500 Ton
Bill of Quantities – Section 3: Treatment of bituminous road surfaces exhibiting certain defects: Slurry Seals. Main Tertiary Routes, Tertiary Routes	1800 m ³	1800 m ³	1800 m ³
Bill of Quantities – Section 4: Single Seals. Primary Routes, Secondary Routes & Main Tertiary Routes	72 600m ²	77 900m ²	82 600m ²

2. Light rehabilitation of Roads (including milling to a maximum depth of 40mm) will be performed as instructed by the Engineer. It is not envisaged that Heavy (3 pavement layers) and Medium (2 pavement layers) Rehabilitation of roads will be performed under this contract.
3. Examples of typical Roads with their Route include:

Primary Roads (P)	Secondary (S)	Main Tertiary (T)	Tertiary (t)
Paardekraal	Nicolas Smit	Azaad Avenue	Nobelungu
Voortrekker	Johan Jonker	Ratchet	

Health and Safety Requirements and Procedures

Health and Safety requirements and procedures are presented in Section C3.7.1.

Accommodation of Traffic

Requirements for the provision and usage of barricades, signs and markings are stated in the Specifications.

PART 1 : GENERAL

C3.6.1 PROJECT SPECIFICATIONS – PART 1

PS1. CONTRACT DETAILS

REHABILITATION AND RESURFACING OF ROADS ON AS PER THE ANNUAL ROADS PROJECT PLANS OVER A PERIOD OF 36 MONTHS

General

- Establishment of Contractor's camps and the moving of plant onto the site.
- Clearing and grubbing of construction footprint
- Security & Maintenance of campsite & all of the construction works
- Compile and submit for approval a detailed site safety plan and construction method statement.
- Compile and submit a quality management plan for approval by the Engineer.
- Structured and detailed interaction with various role players to ensure timeous completion of the works for each shift. .
- Cleaning of the construction area after each work shift to the satisfaction of the Engineer

The description of the work contained in this Scope of Work is merely an outline of the work to be executed in terms of the contract, and shall not limit the work to be carried out by the Contractor and design professional. The Municipality reserves the right to interchange any road listed with another road in the vicinity.

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

PS2. CONSTRUCTION DOCUMENTATION REQUIRED

PS2.1 Construction Program

The tender will be awarded as soon as practical.

The time limit for submission of a program is at 14 days from date of the Site Handover. The Contractor to take cognizance of other contractors that maybe employed on the same project and coordinate and plan works accordingly.

The program should demonstrate the activities (including their interrelationship to each other), which the contractor intends to deploy in order to complete the work in the contract. In addition the program shall include:

- The starting date, date of possession of the Site and contractual date for completion of the Works.
- The date when the Contractor plans to complete the Works,
- The work of the Employer and others as stated in the Scope of Work.
- The dates when the Contractor plans to complete work needed to allow the Employer and others to do their work.
- Provisions for float, time risk allowances, health and safety requirements and other procedures set out in the contract.
- The dates when, in order to carry out the work in this contract, the Contractor will need acceptances (of drawings, design and the like), "free issue" plant and materials or other things to be provided by the Employer in terms of the contract.
- Method statements demonstrating the extent of resources of people, facilities and equipment the contractor intends to apply to principal activities shown on the program.

If the program submitted by the Contractor in terms of Clause 5.6 of the General Conditions of Contract, has to be revised because the Contractor is falling behind in his program, he shall submit a revised program of how he intends to regain lost time to ensure completion of the Works within the period defined in Clause 5.12 of the General Conditions of Contract or within a granted extension of time. Proposal to increase the tempo of work must incorporate positive steps to increase production either by more labour and Plant on the Site, or by using the available labour and Plant in a more efficient manner.

Failure on the part of the Contractor to submit or to work according to the program or revised program shall be sufficient reason for the Engineer to take steps as set out in Clause 5.13 of the General Conditions of Contract.

The approval by the Engineer of a program shall have no contractual significance other than that the Engineer will be satisfied if the work is carried out according to the program. The said approval shall not limit the right of the Engineer to instruct the Contractor to vary the program if necessary. The Contractor is also referred to Project Specifications PS3, PS 4 & PS17 when he prepares this program.

PS2.2 Safety Plan

Within fourteen days after award of the contract, the Contractor must submit a detailed Safety Plan in accordance with OHSA (Refer to Check List in this tender document). The Safety Plan must detail safety procedures and measurements in which he proposes to carry out the Works. If accepted, the Contractor must execute the works in strict accordance with the Plan. [*Refer to Health & Safety Compliance Form Included in this tender document*]

Safety measures for excavations and trenching will be in accordance with SABS 1200 DM Clause 5.1.1.1 & 5.1.1.2.

PS2.3 Labour Schedule

The following information must be provided by the Contractor at each site meeting to be held every second week: (*Schedules to be faxed to Engineer's Office before each meeting*) [*EPWP forms are attached to this tender*]

- * Number of total labour force
- * Number of person-days of employment
- * Number of local labour (Listed: Adult Male / Female / Youth Male / Female / Disabled)
- * Minimum day-task rate earned on project
- * Non-Accredited Training provided since previous meeting
- * No of persons who have attended a standard EPWP 10 day accredited training course
- * Equipment on site
- * Expenditure on human resources (all labour costs)

PS2.4 Site Instruction Book

Contractor must supply a triplicate site instruction book. Only the Engineer will be allowed to remove pages from the site instruction book. All site instructions to be number consecutively and signed by the Engineer or his representative and these instructions shall form part of the contract documentation, while payment for this item is deemed to be included in the P&G items.

PS2.5 Rehabilitation Plan & Environmental Management Plan (EMP)

The Environmental Management Plan (EMP) for the site of the Works can be obtained from Mogale City Local Municipality.

The Contractor shall comply with all the requirements laid down in the EMP and the associated Record of Decision. The Contractor shall acquaint his employees with the provisions, regulations, duties, obligations and prohibitions, and shall accept sole liability for due compliance with the duties, obligations and prohibitions and absolve the Employer from being obliged to comply with the aforesaid duties, obligations and prohibitions.

In case of failure on the part of the Contractor to comply with the requirements of the EMP the Employer shall be entitled to employ and pay other persons to carry out any remedial work to rectify any consequence resulting from the non-compliance by the Contractor and all cost consequent or incidental thereto shall be borne by the Contractor and shall be recoverable from him by the Employer. If it is not practical to rectify any consequence resulting from the non-compliance of the Contractor with the EMP the Employer will be entitled to impose a penalty on the Contractor which penalty shall be in relation to the expense which the Contractor would have incurred to comply.

The Contractor shall indemnify the Employer and the Engineer against responsibility for damage to the environment on the site of the Works by completing the "Agreement Form A1 included in Part 3 of the Contract, before commencement of construction.

PS2.6 Registration of Project at Department of Labour

The contractor must register this project at Department of Labour within 3 weeks (21 days). This is necessary in order for local labour to obtain Life Skills, AIDS Related Training and Introduction to the World of Work training from the Department of Labour. As proof of registration a photocopy of the original registration form with the original ink stamp of the local Department of Labour, as well as the protocol registration number. *[Refer to Labour Registration Form included in this tender document]*

PS3 SITE FACILITIES AVAILABLE

PS3.1 Camp Site

A specific Site will be allocated to the appointed Contractor for his construction camp, toilet/ablution facilities and offices and will be pointed out to the contractor at the compulsory site inspection.

The construction site must be fenced and all the Contractor's activities restricted to these areas. The security of the compound and construction site will be the responsibility of the Contractor. During construction 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 is responsible in an orderly manner, and shall keep the Site free from debris and obstructions.

PS 3.2 Water

Water for construction purposes only can be made available at normal tariff and rates costs payable to be Municipality. Should a standpipe be required from the Municipality this must be arranged with the Section: Water and Sanitation and the required deposit will be payable in advance before a standpipe will be issued. The standpipe will be metered and the cost of the water used will be deducted from the deposit amount paid to the Municipality. The provision for an on-site connection position can not be guaranteed and water must be carted to the point of usage. The contractor must allow to provide potable drinking water to labour on site at all times.

PS 3.3 **Electricity**

As for Water (PS 3.2)

PS 4 **SITE FACILITIES REQUIRED**

PS 4.1 **Facilities for the Engineer**

Not required.

PS 4.2 **Sewerage**

Two portable Toilets must be provided at a designated area which will be pointed out to the contractor on site. Facilities must be constructed/provided in accordance with local authority requirements and Mogale City residential areas Homeowners Association house rules.. Where a sewer connection cannot be provided, the contractor must provide chemical toilets at the camp and on the different work fronts. Chemical toilets must be serviced regularly

No separate payment will be made for obtaining and distributing water, electricity and sewage, the cost of which will be deemed to be included in the tendered rates.

PS 4.3 **Site Instruction Book**

A triplicate book for Site Instructions shall at all times be kept on the Site.

PS.4.4 **Laboratory facilities**

Not required, refer to PS 5.3 & PS 6.2

PS.4.5 **Tender Notice Board**

Not required.

PS4.6 **Landline Telephone**

Not required

PS4.7 **Rain Gauge**

The contractor will be required to erect a rain gauge at the site office to record daily rainfall figures in the Site Instruction Book. The reading of the rain gauge shall be made at 08h00 of each working day for the duration of the contract. The records shall be submitted weekly to the Employer's Agent (the Engineer) together with a statement recording the Contractor's opinion of the effect on his programme of any weather condition that he may consider to be abnormal. The Engineer shall adjudge the extent of the delays that are attributable to "abnormal climatic conditions" in terms of GCC 2015 Clause 5.12 and Special Conditions of Contract.

No separate payment shall be made for this item and it shall be deemed to be included in the other payment items.

PS5. ASPECTS REQUIRING SPECIAL ATTENTION

PS5.1 Site Maintenance & Security

Trees, other than those to be removed for the Contract, shall be protected from damage.

During progress of the work 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 is responsible in an orderly manner, and shall keep the Site free from debris and obstructions.

Each Contractor will be responsible for his own security at the camp site as well as the site of work for the full duration of the contract.

PS5.2 Existing services

The services indicated on the plans are not necessarily correct and **all services must be located using hand labour**. At the start of the Tender the Contractor must arrange with the different service owners to indicate their services and to certify the location and depth thereof in the site book. The availability of each service department shall not be guaranteed by the Client.

The different service owners include Telkom, Eskom and the Municipality. The existing services on site will be indicated prior to construction and must be protected for the duration of the contract. The requirements of the service owners must strictly be adhered to.

Existing services must be located by hand and is measured separately in the Schedule of Quantities. All services must be protected against damage and any damage to services pointed out to the contractor or shown on plans or that can be reasonably determined through contacting services departments, will be for the account of the Contractor.

The Contractor's attention is drawn to SABS 1200A Item 5.4. The contractor shall be responsible for immediately notifying the Authorities concerned regarding any damage caused to public services and existing works. The Engineers Representative will also be notified without delay

PS5.3 Testing and Quality Control

The Contractor may engage the services of an approved independent laboratory for the testing of materials and the quality testing of layerworks, to ensure that his work complies with the Specifications. at own cost.

No separate payment will be made for such a laboratory or testing, the cost of which will be deemed to be included in the Contractor's tendered rates for the items of work that require testing in accordance with the Specifications.

All material must, where applicable shall carry the SABS mark.

PS5.4 Removal of trees and other vegetation

No trees or vegetation may be removed without the prior written approval from the engineer or Mogale City residentail areas Estate Manager.

PS5.5 Accommodation of Other Contractors

In addition to the requirements of Clause 4.8 of the General Conditions of Contract (GCC 2015), the Contractor must make allowances for other Contractors on the Site. This may involve adapting his program to accommodate the work of other Contractors and ensuring access to their sites along prescribed routes over the Site of this Contract. This must be considered when the works program is compiled as no extra claims will be entertained in this regard.

PS5.6 Subcontractors

It is a requirement of this contract, **that only local subcontractors shall be used** to carry out any subcontractor tasks.

In addition to the requirements of Clause 4.10 of the General Conditions of Contract, the Contractor shall be responsible for work carried out by subcontractors on his behalf. The Engineer will not liaise directly with such subcontractors. Problems related to payments, programming, workmanship, etc, shall be the concern of the Contractor and the subcontractor, and the Engineer will not become involved except in the case of the nominated subcontractor and only on overall performance and issues that relate to payment between the main contractor and nominated subcontractor. Subcontractors to be listed in Schedule E2.

Where local subcontractors are registered for a Specific discipline, these local subcontractors shall be used in preference to any outside subcontractor.

PS5.7 Opening Up and Closing Down Borrow Pits

Not applicable.

PS5.8 Adjacent Occupied Areas

The Contractor shall organise the work to cause the least possible inconvenience to Mogale CityLM and to the property owners adjacent to or affected by the work. The contractor shall exercise the greatest care to avoid unnecessary damage to trees, gardens, fences, wall and structures on public and private property, and also strictly supervise the behaviour of his workmen. The material resulting from any demolition of existing structures shall be the property of the owner.

Each individual work area will be pre- determined and barricaded or cordoned off as to ensure minimal disruption of traffic flow and inconvenience to the residents

Work in the proximity of the Provincial Roads

The contractors must take due care and exercise caution when working in the vicinity of the provincial road and all requirements and precautions stated in the Wayleave must strictly be adhered to. No plant may be parked, or structures erected within 30m of the Provincial Road. Notice to all relevant Provincial Authorities and arrangements with them shall be the full responsibility of the contractor and is deemed to be included in the rates tendered.

PS5.9 Blasting operations and requirements

Not applicable

PS5.10 Beacons & Pegs

The Contractor's attention is drawn to SABS 1200 A Clause 5.1.2 - Preservation and Replacement of Pegs subject to Land Survey Act - and to the liabilities of the Employer and the Contractor in this regard.

The Contractor shall locate and mark all existing pegs for the whole site. Pegs can be encountered all over the site.

The Contractor shall be held responsible for the maintenance of all the cadastral and bench mark pegs on the site that are recorded as existing at the commencement of construction, and for the placement of any pegs that are found to be missing or disturbed upon the completion of the contract.

PS5.11 Surveying

Not required, work to be measured with Mogale City Representative for payments>

PS6 AS-BUILT DRAWINGS

The Contractor shall provide the Engineer with "As Built" drawings if required.

Only figured dimensions shall be used and drawings shall not be scaled unless required by the Engineer. The Engineer will provide the dimensions that may have been omitted from the Drawings.

PS7 SAMPLES

Materials or work that does not conform to the approved samples, submitted in terms of Subclause 26(4) of the General Conditions of Contract, will be rejected. The Engineer reserves the right to submit samples to tests to ensure that the material represented by the sample meets the specification requirements.

PS8 NOTICES, SIGNS, BARRICADES AND ADVERTISEMENTS

Notices, signs and barricades, erected in terms of Clause 31 of the General Conditions of Contract, as well as advertisements may be used only if approved by the Engineer. The Contractor shall be responsible for their supply, erection, maintenance and ultimate removal and shall make provision for this in his tendered rates.

The Engineer has the right to have any sign, notice or advertisement moved to another position or to have it removed from the Site of the Works should it in any way prove to be unsatisfactory, inconvenient or dangerous to the general public.

The standard name-board of the South African Association of Consulting Engineers is specified, the cost of which shall be included in the rates tendered for items PSA 8.3.1 and PSA 8.3.2 of Section 1200 A.

PS 9 WORKMANSHIP AND QUALITY CONTROL

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 own expense, institute a quality-control system and provide experienced Engineers, foremen, surveyors, 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 carried out by the Contractor, will be deemed to be included in the rates tendered for the related items of work.

The Contractor's attention is drawn to the provisions of the various Standardised Specifications regarding the minimum frequency of testing that may be required. The Contractor shall, at his own discretion, increase this frequency where necessary to ensure adequate control. Also refer to GCC 2015 Clause 7

On completion and submission of every part of the work to the Engineer for examination, the Contractor shall furnish the Engineer with the results of the relevant tests, measurements and levels to indicate compliance with the Specifications.

PS10 SPOIL MATERIAL & STOCKPILE MATERIAL

No indiscriminate spoiling of material is permitted. Surplus or unsuitable materials shall be spoiled or stockpiled at a site approved by the Engineer. Spoiling shall comply with the applicable statutory and municipal regulations.

Stockpiled material shall be classified and stockpiled on different heaps – for use as bedding, backfill or different road layerworks. Special care shall be taken to stockpile material and the selective use thereafter. On this contract the selection and care shall be deemed to form part of the tendered rate for earthworks.

PS11 TRENCHES

Trenches and excavations shall not be left open at all during the builders' holidays or for a period more than 48 hours at any time. The careful guarding to maintain as is subsoil moisture conditions shall be an integral basis of this contract. If for any reason trenches have to be left open, hard barricading as approved by the Engineer with 24 hours site security must be provided. All of the above is deemed to be included in the rates as tendered.

PS12 TRANSPORT OF MATERIAL

All costs for transporting materials, including 5km freehaul, shall be included in the applicable tendered rates. All references in the Specifications to transport, overhaul and haul distances shall be deleted irrespective of whether or not the deletion is included in these Project Specifications. Where material must be spoiled at Municipal dumping site or similar, it shall be specifically stated for pricing purposes.

PS12.1 Approved Transportation Route for Loaded Material

All costs for transporting materials, including 5km freehaul, shall be included in the applicable tendered rates. All references in the Specifications to transport, overhaul and haul distances shall be deleted irrespective of whether or not the deletion is included in these Project Specifications. Where material must be spoiled at Municipal dumping site or similar, it shall be specifically stated for pricing purposes

Where public streets are involved, an approved route for the transportation of loaded material shall be followed. On such route:

- a) Loaded or muddy material falling from tucks on public roads or on completed work shall be removed immediately.
- b) Roads shall be continuously broomed off and cleaned where mud tracking/falling debris occurs

PS13 EMPLOYMENT OF LOCAL LABOUR

PS13.1 General

Due to the specialized nature of the works it is envisaged that the bulk of the works will be done with specialized Construction equipment operated by the Contractor's staff.

Activities which requires hand work or where additional labour is required, the Contractor will be required to make use of local labourers within Mogale City.

A CLO will be appointed where required, for which provision has been made in the

PS13.2 Requirements and activities

Prospective tenderers must take note of the following:

- a) It is required from the Contractor to provide all superintendence, labour, small tools and material for the execution of the works where local labour is involved.
- b) Noise pollution must be kept to the minimum and the work hours will be from Monday to Friday from: 8:00 am to 4:00 pm, and no work will be permitted during public holidays.
- c) The following types of activities have been identified as suitable for unskilled local labour on this project:
 - Cleaning of road surfaces and removal of debris.
 - Day works for other activities, labour not specified elsewhere
 - Brick works for storm water outlets/inlets and walls, inclusive of foundations for walls and other structures

PS13.3 Wages

All local labour shall be paid according to the latest EPWP labour rate guideline i.e the minimum wage for a local labourer is **R186,00 per day** at a general worker's rate; **R256,00 per day** for a Semi-skilled person and a CLO to be remunerated at: **R 6,160 per month** (inclusive of cellphone allowance).

It will be expected from the Tenderers to give a detailed breakdown/explanation of the basis on which labour-based rates have been calculated. This is necessary to enable the Client to make the necessary "rate-adjustments" should minimum wages be changed, via Government legislation, during the course of this Tender.

The contractor is required to keep detailed records of employment for each task-based worker and experience of each work will be entered into a log book and monthly EPWP reports to be submitted to the client.

PS13.4 Liaison with local communities

The Contractor is to liaise with the local community with regard to local labour to be employed. Mogale City Local Municipality will advise on procedures to be followed

PS13.5 Skills Related Training

Not applicable

PS13.6 Utilization of workers

- a) The Contractor shall, in so far as it is reasonably feasible taking due cognizance of the nature of the works to be executed at any given time, utilize trained workers on those aspects of the works for which they have been trained.

PS13.7 Labour-based Schedules

The following guidelines are available to the prospective tenderers from the Department of Public works:

- Broad Guidelines for the Selection Criteria for Employment
- Guidelines for Task Based Payment Services and Conditions of Employment

PS14 REFERENCES IN SCHEDULE OF QUANTITIES

PS14.1 Use of mechanical plant

The Contractor shall be deemed to have established before tendering the extent to which mechanical plant can be used on the Contract.

Authority to use mechanical plant will not be unreasonably withheld but if it is considered that circumstances are such that the use of plant shall be suspended temporarily or permanently, the relevant construction procedure shall be modified at the Constructor's cost and the Contractor shall be deemed to have no cause for claim against MOGALE CITY LOCAL MUNICIPALITY on account of having to continue the work by another method or if any order issued in terms of this Clause results in the mechanical plant having to stand idle for any period or having to be removed.

Where, due to proximity or any danger to existing structures or services, it is considered advisable to excavate by hand methods; it shall be deemed reasonable for the purpose of this Clause for authority to use mechanical plant to be withheld.

PS15. RATES ALL INCLUSIVE

The tendered rates must allow for all direct and indirect costs required for the provision and/or instruction of the items as listed in the Schedule of Quantities as no additional payments will be considered.

PS15.1 Payment for day works labour

Where payment for skilled or semi-skilled labour is claimed under day work items proof of such skills shall be submitted.

PS16. ESCALATION

General Escalation is only applicable to contracts of 12 months and longer.

Escalation for Special Materials will be applicable on this contract. Calculations will be done in accordance with Clause 6.8 of General Conditions of Contract 2015. Refer to Contract Data for more details.

PS17 ACCOMMODATION OF TRAFFIC (REFER TO ANNEXURES FOR DETAILS)

The Contractor must allow for the accommodation of traffic under the items allowed for in the Schedule of Quantities. These rates to allow for any temporarily bridges, safety measures at excavations, traffic signs as required by the Safety Regulations, etc.

PS18 EARTHWORKS

The tenderers are referred to Clause 3.6.3. in the next Section (Project Specifications) regarding freehaul and overhaul.

PS19 OCCUPATIONAL HEALTH & SAFETY ACT

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:

1. 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
2. The contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and regulations will be fully complied with, and
3. 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.

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.

A checklist of all Health & Safety Activities that may be required on site is included. The Tenderer is expected to implement all of the requirements as listed. Allowance is made in the P&G’s Section of the Schedule of Quantities (fixed and time related) to price all of the required safety measures to be executed and formalized on site.

The Contractor shall complete the “Agreement Form B1.” included in Part 4 of the Contract and therein designate in writing the name of the responsible person required in terms of the General Safety Regulations R11 sub clause 1.

PS20 APPLICABLE STANDARDISED SPECIFICATIONS & REGULATIONS

For the purposes of this Contract, the following shall apply:

- SABS 1200 Standardized Specifications for Civil Engineering Construction
- COLTO Standard Specifications for Road and Bridge Works for State Road Authorities.
- Sabita Manual 6,28,40

All particular specifications for work not covered by the SABS 1200 Standardised Specifications are also bound in Portion 3 of the Project Specifications:

REGULATIONS

The Contractor shall conform in all respects to the requirements contained in regulations by higher authorities. Such regulations shall include inter alia:

- 01) National Building Regulations.
- 02) Code of Practice for the Wiring of Premises, SABS 0142-1981 as amended.
- 03) The Mines and Works Regulations, Government Notice Number R1609 of 1962-09-28, as amended.
- 04) The Occupational, Health and Safety Act 85/93, as amended.
- 05) The local Municipal Bye-laws and Regulations as well as the regulations of the local Supply Authority.
- 06) The local Fire Regulations.
- 07) The regulations of Telkom.
- 08) The regulations of the local Gas Board where applicable.
- 09) The standard regulations of any Government Department or public service company where applicable.
- 10) The Regulations of Rand Water.
- 11) The Regulations of Eskom
- 12) The NHBRC (*National Home Builders Registration Council*) Building code: Volume 1, 2 & 3.

The Contractor shall pay and indemnify the Employer against any fees or charges by law and shall keep the Employer and the Engineer indemnified against all penalties and liabilities of any kind for breach by the Contractor or any of the conditions due by law, except insofar as amended or specifically allowed by the Engineer.

PS21

STATUS

In event of disputes and/or discrepancies the different documentation will have the following status in order or precedence:

- i. contract agreement;
- ii. form of tender and appendix to form of tender;
- iii. special conditions of tender;
- iv. project specification;
- v. general conditions of tender;
- vi. particular specifications;
- vii. schedule of quantity and summary;
- viii. statutory regulations;
- ix. standard COLTO specifications;
- x. standard SABS specifications
- xi. any other standard specification

PART 2 : PROJECT SPECIFICATION

C3.6.2 PART 2

VARIATIONS AND ADDITIONS TO THE STANDARDISED SPECIFICATIONS FOR THIS CONTRACT, AND PARTICULAR SPECIFICATIONS

The following variations and additions to the COLTO Specifications referred to in the last clause of Portion 1 apply to this Contract.

SECTION 1100: DEFINITIONS AND TERMS

B1115 GENERAL CONDITIONS OF CONTRACT

Replace Clause 1115 with the following:

The General Conditions applicable to this Contract are the General Conditions of Contract for Construction Works, 2015, Third Edition, (GCC 2015)

The General Conditions applicable to this Contract are the General Conditions of Contract for Construction Works, 2015, Third Edition, (GCC 2015).

Accordingly, all reference in the Standard Specifications to any other General Conditions of Contract (GCC) has to be amended. The Standard Specifications have been scrutinized and clauses, which refer to another GCC, identified. These are tabulated below together with the relevant equivalent clause in the GCC 2015 Conditions of Contract. The context of the reference to the GCC is also noted.

Whereas every effort has been made to include all of the affected clauses in the table, there may be some omissions. In every case, however, the GCC 2015 Conditions of Contract for Construction, as amended by the Special Conditions in Section C1.2 of this Volume, shall apply and the contractor shall be responsible for interpretation of the equivalent clause.

**CHANGES TO ALL REFERENCES BY THE COLTO STANDARD SPECIFICATIONS TO THE COLTO
GENERAL CONDITIONS OF CONTRACT AND 2015 GENERAL CONDITIONS (GCC2015)**

COLTO Standard Specification		GCC2010 General Conditions of Contract for Construction Works, 2010, 2nd Edition		GCC2015 General Conditions of Contract for Construction Works, 2015, 2nd Edition	
Clause No	Page No	Cl. No	Description or Reference	Cl. No	Description or Reference
1115	1100-2		Definition of GCC2010		Definition of GCC2015
1204	1200-2	8.3.1	Construction Programme	5.6.1	Construction Programme
1204	1200-2		Applicable to FIDIC		
1206	1200-3		Setting out of works	5.4	
1209(a)	1200-4		Applicable to FIDIC		GCC 2015 as applicable
1209(e)	1200-5	14.5	Plant and material intended for use in works		
1210	1200-5	10.1	Taking- over certificate	5.14.	Certificate of Practical Completion
1212(1)	1200-7	13.8	CPA on alternative designs		
1215	1200-9	5.12	Extension of time for Practical completion.	5.12	Extension of time for Practical completion
1217	1200-10	8.2	Care of the works	8.2	
1303(ii)	1300-1		Applicable to FIDIC		
1303(iii))	1300-1	13.7 & 13.8	Price adjustment Item 13.01 (a)	6.11	
1303(iii))	1300-2	13.7 & 13.8	Price adjustment Item 13.01 (b)		
1303 (iii)	1300-1		Not applicable to this contract		Not applicable to this contract

SECTION 1300: GENERAL REQUIREMENTS AND PROVISIONS

B1303 PAYMENT

ADD THE FOLLOWING:

With the bulk of the works being done on an as-and-when required basis, a maximum allowance for General obligations will be 12% per works order received as indicated in the Bill of Quantities under item 1300.

SECTION 1500: ACCOMMODATION OF TRAFFIC**B1517 MEASUREMENT AND PAYMENT**

Add the following payment items:

The Contractor's obligation under this Section 1500 shall be measured for payment according to the traffic accommodation along the route/road where the traffic is handled.

Primary (P)	–	Multi Lanes
Secondary (S)	–	Single Lane
Secondary (S)	–	Multi Lane
Main Tertiary (T)	–	Single Lane
Tertiary (t)	–	Single Lane

The bulk of the works to be performed will be on residential streets, with lower traffic speeds and volumes, compared to highways, thus requiring less stringent measures related to traffic control.

For single lane roads traffic accommodation will only be applicable once, for instance where works are carried out in half widths, the Contractor will only be permitted to claim once off for the traffic accommodation over the length of road and not for recurring visits to complete the other remaining half width.

For Primary and Secondary Multi Lane roads the Contractor traffic accommodation will be applicable twice, for instance once, where the North bound lane is done and again when the South Bound lane is done.

Item	Unit
B15.01 Accommodating traffic and maintaining temporary Deviations along the following routes/roads	
(a) Primary (P) – Multi Lanes	Km
(b) Secondary (S) – Multi/ Single Lanes	Km
(c) Main Tertiary (T) – Single Lane	Km
(d) Tertiary (t) – Single Lane	Km

SECTION 1600: OVERHAUL**B1601 SCOPE**

Add the following to Clause 1601:

“No overhaul will be paid to the contractor for transporting any materials whatsoever, whether obtained from commercial sources, designated borrow areas or any other source of material. No overhaul will be paid for any spoil material to stockpiled areas selected by the Employer when so directed by the Engineer. The cost of transporting all such materials must be included in the relevant payment items for work involved, notwithstanding anything to the contrary in any other payment item.”

SECTION B1800: DAYWORKS

Add the following section to the standard specifications:

Section B1800: Dayworks

Contents

B1801	Scope
B1802	General Requirements
B1803	Measurement and payment

B1801 SCOPE

This section covers the listing of daywork items in accordance with the General Conditions of Contract clause 6.5, for the use in determining payment for work which cannot be qualified in specific units in the schedule of quantities, or work ordered by the engineer during the construction period which was not foreseen at tender stage and for which no applicable rate exists in the schedule of quantities. Prescribed Labour Rates will also form part of dayworks.

B1802 GENERAL REQUIREMENTS

Work will be classified as day work only if the Engineer considers no other rate in the Bill of Quantities appropriate for payment purposes.

An instruction regarding all work to be carried out under daywork in terms of Clause 6.5 of the General Conditions of Contract will be issued at the discretion of the Engineer. Some or all of the items priced under daywork in the Bill of Quantities may possibly not be required for this Contract.

The Contractor and the Engineer will agree on the method of recording the working hours prior to the commencement of the work. Any long period of idling at any one time which in the opinion of the Engineer or his representative is beyond that required for normal operating conditions will not be paid for as working time. Non-working hours for any reason shall not be measured for payment.

SECTION B1900: CONSTRUCTION PLANT, EQUIPMENT AND METHODS

Add the following section to the standard specifications:

Section B1900: Construction Plant, Equipment and method

Contents

B1901	Scope
B1902	General Requirements
B1903	Measurement and payment

B1801 SCOPE

This section covers the Construction Plant, Equipment and methods to be used for the placing of materials and repair works in accordance with the General Conditions of Contract clause 7.2 & 4.9.1.

B1902 GENERAL REQUIREMENTS

For Preparatory works and materials to be placed on the road surface, suitable Construction Plant and Equipment as indicated below are to be used:

Asphalt Surfacing / overlays:

Asphalt Paver; 1 Ton Smooth Drum Vibratory Roller, Rubber Wheel rollers, Mechanical brooms

Prime Spay

Single Seals:

Chip Spreader, Rubber wheel roller, Mechanical brooms, Spray truck/ tanker for tack coat

Slurry Surfacing:

Slurry truck, capable of storing and mixing the crusher sand/dust, emulsions and additives internally, before applying the Slurry mixture onto the road surface with a box/ bar to the required thicknesses. A Concrete mixer may not be used as alternative. The box/spray bar must be adjustable to a maximum width of 3,7m.

Smaller areas (bellmouths) , etc can be completed by hand.

Patching:

Compressors, wackers/rammers, jack hammers and breakers are to be used for the excavation and preparatory works.

Milling:

A milling machine capable of milling up to 1.5m wide is required for milling works.

B1903 MEASUREMENT AND PAYMENT

NO ADDITIONAL PAY ITEMS, OTHER THAN SPECIFIED IN THE BILL OF QUANTITIES FOR THE PLACING OF MATERIALS WILL BE APPLICABLE AS PER CLAUSE COLTO, CLAUSE 1209 (C)(II).
NO ADDITIONAL PAY ITEMS, OTHER THAN SPECIFIED IN THE BILL OF QUANTITIES FOR CONSTRUCTION PLANT WILL BE APPLICABLE.

SECTION 2200: DRAINAGE

B2201 Scope

The repair and reinstatement of storm water Manholes, kerb inlets (catchpits) and pipes, when required

B22.03: MEASUREMENT AND PAYMENT

- **Repair / reinstatement of Storm water pipes:**

The unit rates tendered per linear meter, for storm water pipes to be all inclusive for materials, labour and any other costs to excavate, or replace or construct new storm water pipes, including required backfilling and excavations up to a maximum depth of 2metres.

- **Repair / reinstatement of Manholes:**

The unit rates tendered per linear meter, for manholes, to be all inclusive for materials, labour and any other costs to excavate, or construct a new storm water manholepipes, including required backfilling and excavations up to a maximum depth of 2 metres. The extra over rate will be applicable for manholes deeper than 2metres.

- **Repair / reinstatement of Storm water structures (catchpits) and accessories:**

The Rates provide for each item to be all inclusive for materials, labour and any other costs to construct, cast or source the required items, including backfilling and excavating
NO ADDITIONAL PAY ITEMS, OTHER THAN SPECIFIED IN THE BILL OF QUANTITIES UNDER DRAINAGE WILL BE APPLICABLE.

SECTION 2300: CONCRETE KERBS

B2301 Scope

The repair and reinstatement of concrete kerbs, when required

B23.01: MEASUREMENT AND PAYMENT

The unit rates tendered are per linear meter, will be for the various types of kerbs, all-inclusive to place or replace existing / new kerbs.

NO ADDITIONAL PAY ITEMS, OTHER THAN SPECIFIED IN THE BILL OF QUANTITIES UNDER DRAINAGE WILL BE APPLICABLE.

SECTION 3200: SELECTION, STOCKPILING AND BREAKING DOWN OF MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING PAVEMENT LAYERS AND PLACING AND COMPACTING THE GRAVEL LAYERS

Add the following to Clause 3202:

Prior to placing any materials, the Contractor shall submit indicator test results representative of the material source to the Engineer to prove the suitability of the proposed material for its intended purpose. No payment will be made for material placed without the prior written approval of the Engineer.

Add the following to Clause 3212:

No additional payment will be made for stockpiling or additional handling required for any materials. Any such stockpiling or additional handling or double handling costs will be deemed to be included in the tendered rates for the relevant items.

SECTION 3800: BREAKING UP EXISTING PAVEMENT LAYERS.

B3807 MEASUREMENT AND PAYMENT

Add the following:

Item	Description
B38.16	Fine milling to improve skid resistance or to remove rutting and unevenness (max 40mm deep) _____m ² . The unit measurement shall be the square meter of surface treated. The tendered rate shall include for compensation for all additional measurements, adjustments and costs to treat the area required, level control, cross milling where required also to ensure a free drained area when complete.

SECTION 4200: ASPHALT BASE AND SURFACING

B4201 SCOPE

Add the following:

"The asphalt surfacing mix to be constructed on this project shall either be:

- A medium continuously graded asphalt with a penetration grade binder or.
- A Semi-gap grade asphalt – Type AP1 or similar as per typical design included under item B4203 below.

B4202 MATERIALS

(a) Bituminous binders

(h) Conventional binders

Add the following:

"The bitumen used in the asphalt surfacing shall be a 40/50 penetration road grade bitumen.

The base bitumen shall comply with SABS 307 – 1972 Amendment 6, 2002.

The contractor shall obtain approval regarding the supplier of asphalt before any work is executed (or orders placed). The contractor will have the Asphalt tested for minimum requirements

(b) Aggregates

Add the following paragraph after the introductory paragraph:

"The use of run of crusher type materials shall not be permitted. Asphalt mixes shall be manufactured using individual single-size coarse aggregates fractions and crushed fine aggregates blended to conform to the specified grading requirements."

(v) Absorption

Add the following:

"When tested in accordance with TMH1 method C4 the total binder absorption of the combined coarse and fine aggregate blend shall not exceed 0,5%."

(vi) Sand equivalent

Add the following:

"No natural sand may be used in asphalt mixes without the written permission of the Engineer. The natural sand shall then comply with the requirements of SABS 1083 and Section 4202(b) of the Standard Specifications and shall have minimum sand equivalent value of 50 when tested in accordance with TMH 1 method B19. If permitted by the engineer, the permissible quantity of natural sand shall not exceed 5% by mass of the combined aggregate in the approved working mix. The Contractor shall submit full details regarding the exact quantity and quality of the natural sand he proposes to use in the asphalt mix which the engineer will then consider."

(viii) Grading

Add the following paragraphs:

"The grading limits for the combined aggregate grading for the asphalt surfacing shall be as specified in table 4204/7: Continuously graded – medium graded."

In addition to the specified grading limits, the percentage, by mass, of aggregate smaller than 0,005mm, determined in accordance with THM 1 Method A6, shall be less than 1,0% of the combined aggregates excluding the active filler added.

The engineer may request a reconsideration of blends to achieve any grading within the relevant envelope in order to improve certain properties.

(c) Fillers

Add the following after the last paragraph:

“The contractor will be required to add 1% by mass active filler in the form of hydrated lime.”

(h) General

Add the following after the second paragraph:

“Aggregates used in the approved production mix shall only be taken from stockpiles that are sufficient in size for the production of a minimum of two days work and shall have been tested for conformance and uniformity. The test results shall be presented to the engineer.

The stockpiles shall be covered with plastic sheeting in order to keep the material dry in the event of rain.”

B4203: COMPOSITION OF ASPHALT BASE AND SURFACING MIXTURES

In the first paragraph, third last line, after “or active filler”, add “or aggregate content”

Add the following after the first paragraph:

“The Contractor shall allow sufficient time in his programme for testing by external laboratories. The approval of the proposed mix design from the source shall be agreed with the engineer. The contractor shall only order asphalt once the mix design has been approved”.

Delete the fifth paragraph and replace with the following:

“The design of the asphalt mix shall be tested in accordance with “Interim Guidelines for the Design of Hot Mix Asphalt in South Africa (June 2001)”, and appropriate research developments.

The engineer shall make a final selection of binder content based on the results and the compactability of the mix for its application in the works.

The Contractor shall include the cost of the specified approval process in the price of the asphalt. The cost of testing shall be included in the different rehabilitation measures.

The Contractor shall also allow for the approval process in his construction programme.”

(a) Asphalt base and surfacing layers

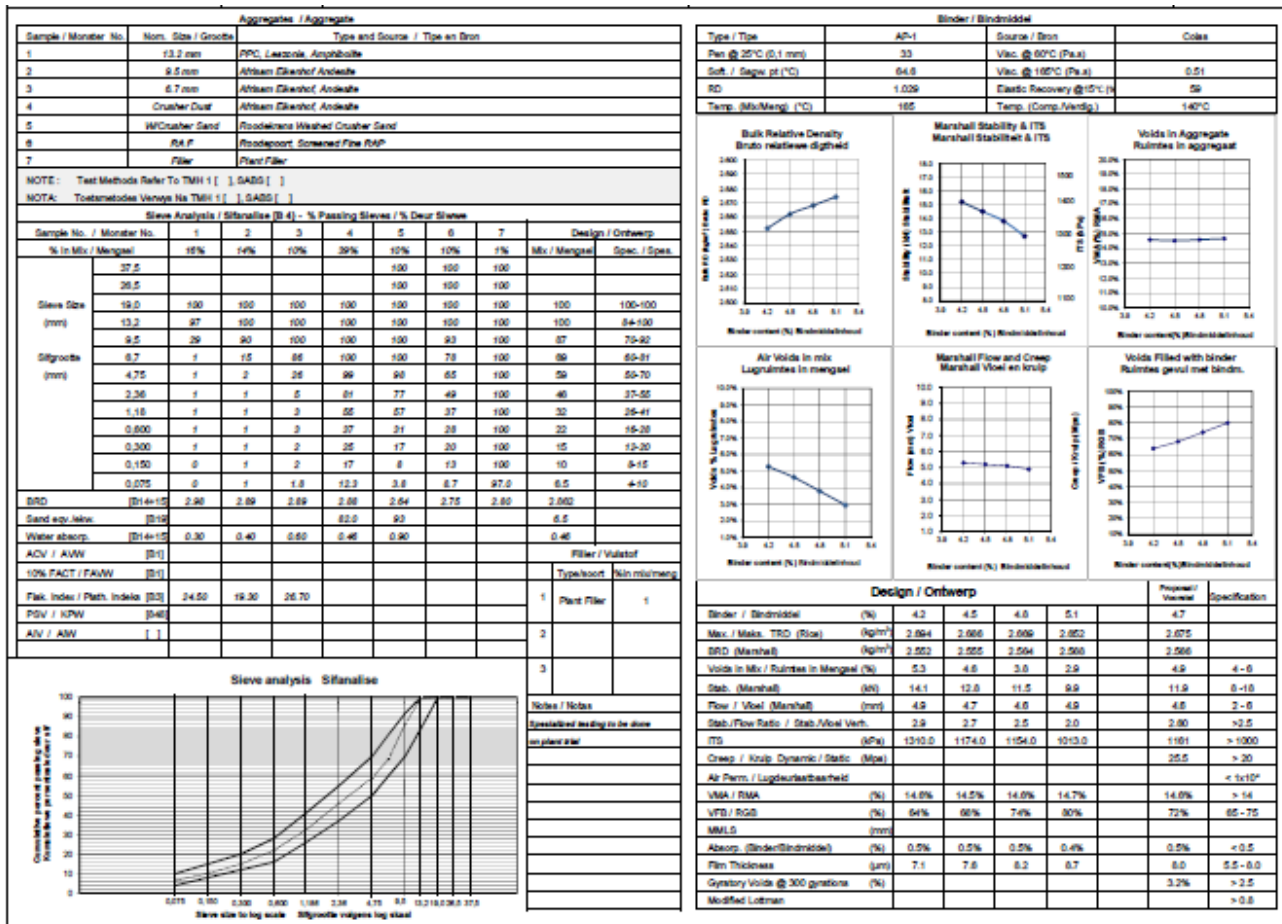
The relevant asphalt mixes for the base and surfacing layers shall satisfy the requirements in table B4203/1.

For the Continuous graded asphalt – Type AP1, a typical design specification has been provided on the next page.

TABLE B4203/1: ASPHALT MIX REQUIREMENTS: SURFACING

Property	Unit	Continuous graded Surfacing mixes
Marshall Stability	kN	8 – 18
Marshall flow	mm	2 – 6
Stability/Flow	kN/mm	2,5 (min)
VMA	%	15 (min)
VFB	%	65 – 75
Air voids	%	3 – 5
Indirect tensile strength @ 25°C	kPa	> 1000 (min)
Dynamic Creep Modules @ 40°C	MPa	20 (min)
Modified Lottmann	TSR	0,8 (min)
Air permeability @ 7% voids	cm ²	1 x 10 ⁻⁸
Binder film thickness	.001mm	5,5 – 8,0
Filler/bitumen ratio	-	1,0 – 1,5
Water permeability measured on 100mm cores from trial section. (AAPT test 98)	X 10 ⁻⁵ cm/s	Report*

TYPICAL DESIGN – TYPE AP1 CONTINUOUS GRADED APHALT: SURFACING



B4204: PLANT AND EQUIPMENT

(a) General

Add the following paragraph:

"Plant and vehicles used at the paving site shall be free from oil, fuel and hydraulic fluid leaks. Any items of plant or vehicle showing signs of these leaks shall immediately be removed from the site."

(b) Mixing plant

(i) Conventional binders

Add the following paragraph below the sixth paragraph:

"For drum type mixers, the active filler shall not be added in the cold-feed line of the mixer but a separate feeding pipe shall be installed for feeding the required percentage of lime into the mix at the same position where the binder is fed into the mix."

B4205: GENERAL LIMITATIONS AND REQUIREMENTS AND THE STOCKPILING OF MIXED MATERIAL:

(a) Weather conditions

Add the following:

"No paving shall be carried out under unstable weather conditions. Should rain or cold weather threaten, all exposed areas shall immediately be reinstated with asphalt and milling operations shall cease."

(c) Surface requirements

(iii) Tack coat

Add the following:

"A tack coat shall in all instances be applied to the surface to be paved, including all vertical cut edges. The tack coat shall be 30% cationic spray grade bitumen emulsion applied at 0,4 l/m², or as directed by the engineer. The tack coat may not be applied to the excavated area more than four hours before the asphalt is placed.

Hand spraying shall only be allowed on areas approved by the engineer. Efficient spray equipment, capable of spraying an even layer of emulsion covering the whole area to the specified rate, shall be used."

B4206: PRODUCING AND TRANSPORTING THE MIXTURE

(c) Transporting the mixture

Add the following:

"Special precautions shall be taken by the contractor to ensure that segregation does not occur. Visual inspection will be carried out by the engineer and his staff. Segregated mixes will under no circumstances be accepted by the engineer. Effective steps shall be taken by the contractor to prevent segregation. Trucks with segregated asphalt mixes shall be rejected by the engineer.

Special precautions shall be taken by the contractor to ensure that the temperature of the total mass of asphalt does not decrease by more than 10°C from point of dispatch to the point where it is to be paved. The use of thermal blankets to cover the asphalt is obligatory."

B4210: COMPACTION

Add the following to the 4th paragraph:

“An appropriate rolling temperature range will be determined by the contractor and will be submitted to the engineer for approval. This range shall be applied as specification during the contract.”

In the 6th paragraph replace “97 per cent, minus the percentage voids in the approved mix, “ with “94 per cent.”

B4213: CONSTRUCTION TOLERANCES AND FINISH REQUIREMENTS:

(a) Binder content

Delete the words “clause 8206 or clause 8305” in the third line and Substitute with “clause B8305”.

B4214: QUALITY OF MATERIALS AND WORKMANSHIP

(a) Routine inspection and tests

Replace the second paragraph with:

“Test results and measurements will be assessed in accordance with the provisions of Section 8200 as specified in the project specifications.”

Add the following sub-clause:

“(d) Process control by the contractor

The Contractor shall keep accurate records and submit the following information to the engineer on a daily basis:

- (a) Where every truckload of asphalt is laid (position, lane, time and date).
- (b) The truck number from which control samples have been taken. All samples taken from trucks shall be numbered.
- (c) The temperature of the asphalt in the truck both at the mixing plant and at the paving equipment.”

B4215: MEASUREMENT AND PAYMENT

Item	Unit
B42.04: Tack coat of 30% stable-grade emulsion:	Litre (l)

Add the pay item as follows:

“The tendered rate and unit of measurement shall mutadi mutandis be applicable for the application of a tack coat by means of hand sprayers on written approval by the engineer only.”

Item	Unit
“B42.08 100mm cores in asphalt paving	Number (No)
<i>Amend the 1st sentence by adding the following after the word “drilled.”</i>	
<i>“irrespective of depth of core.”</i>	
	Number (No)
For resurfacing of existing road surfaces and new roads construction, items B42.01 & B42.02 will apply	
B42.01 Asphalt base, 4,5 % Bitumen, 35/50 Pen Bitumen).	Ton (t)
(a) Continuously graded, max 26,5mm aggregate	
B42.02 Asphalt Surfacing (medium),	
(a) Continuously graded max 13,2mm aggregate (medium grade) 5,0%, 50/70 Pen Bitumen)	Ton (t)
(d) Continuous graded (Type AP-1, TRH 8 , max.19mm aggregate)	Ton (t)
For patching repairs to existing road surfaces, item B42.11 will apply	
B42.11 Asphalt constructed for rehabilitation purposes in accordance with the provisions of subsubclause 4213 (f)(ii)	
(a) Base constructed with new asphalt using a 35/50 Pen Bitumen,4,5% bitumen:	
(i) Continuously graded – BTB, max 26,5mm aggregate:	
(i) to various depths	ton (t))
(b) Surfacing constructed with new asphalt using a 50/70 Pen Bitumen,5% Bitumen:	
(i) Continuously graded – medium, max 13,2mm aggregate:	
(i) Max 60mm thickness	ton (t))

After the first paragraph add the following:

“The unit of measure for sub item (a) shall be the ton or square meter of asphalt overlay placed to the thickness specified and measured according to certified weighbridge tickets issued in respect of the mixture used. (Including temporary wedges to longitudinal and transverse joints).

No payment shall be made for excess width and wastage of asphalt, and the mass of such excess or wasted material shall be deducted from the recorded delivery for payment purposes. No payment shall be made for asphalt in excess of the mean spread rate(s), which shall be determined on a daily basis as follows:

$$S = \frac{1000}{A \cdot B} \text{ m}^3 / \text{ton}$$

Where:

S	=	Mean spread rate in m ² /ton
A	=	Average bulk relative density achieved on the road in ton/m ³
B	=	(specified asphalt thickness in mm) + 5mm”

Add the following to the 3rd paragraph

“The tendered rate shall also include full compensation for joint forming, temporary ramping of construction joints between paving operations when new work is opened to traffic (including ramping material), breaking up and disposal of temporary ramps and waste material, weighing the material on the specified weighbridge and cleaning the surface”

SECTION 4400: SINGLE SEALS

B4402 MATERIALS

The nominal rate of application per table 4403/2 is amended to read 1,8L/m²

B44.02 BITUMEN BINDER VARIATIONS

The tenderer shall specify.

SECTION 4800: TREATMENT OF AN EXISTING SURFACE EXHIBITING CERTAIN DEFECTS

B4802 MATERIALS

Add the following paragraphs:

The grade of binder for the slurry seal shall be identified and no tenderer shall deviate from the mix offered. Slurry overlays shall consist of a slurry compound which can be laid as a levelling course and/ or a wearing course on an existing bituminised surface without any tack coat being applied.

SLURRY SEALS (EXCLUDING RAPID SET SLURRY), ITEM 48.03

Slurry seals shall be applied with a spreader box or by hand and can be mixed in a suitable concrete Mixer. The aggregate shall consist of approved crusher stone and shall comply with the following Requirements with regards to grading for a **Fine Coarse grade and Coarse, type 2 Slurry** as per table 4302/11 below.

RAPID - SET SLURRY, ITEM 48.14

- Each layer shall be capable of carrying traffic within 1 hour of laying.
- The slurry system shall be a process whereby a rubber modified bitumen emulsion as per the tables below with Rapid set characteristics, is combined with high quality aggregate pre-approved source in a purpose designed machine which applies a continuous cold mix.
- The Rubber Modified Cationic Emulsion Blend shall comply with the tables below and T-G1 2020 addition of AC-E1.
- The aggregate shall consist of approved crusher stone and shall comply with the requirements with regards to grading Type II below.
- Also refer to applicable tables as per Sabita Manual 40 below.

Sabita Manual 40, Table B14 Properties of Polymer Modified Emulsions for Machine- Applied Microsurfacing

Property	Unit	Test Method	Class	
			AC-E1 (Overlay)	AC-E2 (Rut filling)
Binder content (m/m)	%	MB-22	62-65	62-65
Residue on sieving ¹ (/100 ml)	710µm	MB-23	≤0,1	≤0,1
	150µm		≤0,5	≤0,5
Particle charge		MB-24	positive	positive
Sedimentation after 60 rotations		SANS 4001 BT3	nil	nil
Recovered binder residue		MB-20 ²		
Softening point	°C	MB-17	≥48	
Elastic recovery @ 15°C	%	MB-4	≥50	

TABLE B4302/11: GRADING LIMITS OF AGGREGATES FOR SLURRY SEALS

Sieve size (mm)	Percentage passing sieve, by mass				
	Fine slurry			Coarse slurry	
	Fine grade	Medium grade	Coarse grade	Type 1	Type 2
13,200					100
9,500				100	85-100
6,700		100	100	85-100	70-90
4,750	100	82-100	70-90	70-90	60-80
2,360	90-100	56-95	45-70	45-70	40-60
1,180	65-95	37-75	28-50	25-45	25-45
0,600	42-72	22-50	19-34	15-30	15-30
0,300	23-48	15-37	12-25	10-20	10-20
0,150	10-27	7-20	7-18	6-15	6-15
0,075	4-12	4-12	2-8	4-10	4-10

Sabita Manual 40, Table B10 Recommendations for Rapid Setting Slurries and Microsurfacing

Sieve Size (mm)	Type II Percent Passing	Type III Percent Passing	Stockpile Tolerance
Overlay or Rut fill (up to 12 mm)		Rut fill (more than 12 mm)	
10	100	100	
7	100	85 - 100	5%
5	90 - 100	70 - 90	5%
2	65 - 90	45 - 70	5%
1	45 - 70	28 - 50	5%
0.6	30 - 50	19 - 34	5%
0.3	18 - 30	12 - 25	4%
0.15	10 - 21	7 - 18	3%
0.075	5 - 15	5 - 15	2%

MIX design

The mix design is to be supplied by the Contractor containing the following minimum information but not limited to: aggregate source, water source, cement, curing time, mixing time 90 – 120 seconds, marshal voids, wet track abrasion, grading, loose bulk density, sand equivalency, methylene blue, binder content,

Prices tendered are to be based on above proportions with variations as necessary on emulsion and cement.

B4804 MATERIALS

Add the following paragraphs:

Only Bitumen Rubber sealant may be used as specified in the Bill of Quantities

The rubber must meet the requirements as specified in Sabita Manual 4. Bitumen (80/100) must meet the requirements as specified in SABS 307. The bitumen rubber mixture must meet the requirements as specified in Sabita Manual 6 with rubber content 18 to 24%.

B4804 CONSTRUCTION

Add the following paragraphs:

Cracks shall first be blown clean with compressed air (750 kPa) and all foreign and loose matter shall be removed from cracks.

Bitumen rubber at approximately 185 OC must be injected into the cracks by means of hand-operated lance. Immediately after the cracks have been sealed, a scraper is to follow to remove all excess material.

SECTION 5600: ROAD SIGNS / ROAD FURNITURE

B5600 Scope

The supply and erection of permanent Regulatory, Warning and Hazard Traffic signs as required.

B5602 MATERIALS

Retro – reflective Materials

The materials to be used for signs to be retro-reflective, class II, with a 10 year warranty as per SANS 1519 or similar specification.

Poles

Poles to be painted admiral grey, complying with standard specifications related to traffic signs paint.

Bolts, Nuts and fastenings:

To comply with SANS 135 & SANS 1143 or similar specification. One way nuts to be used on for fastening, where crews are used.

B56.01: MEASUREMENT AND PAYMENT

The unit rates tendered are for each item to be all inclusive for supply, fixing and installation as per Annexure B7 (bolts, nuts, clamps etc. required for fastening) and all other requirements

NO ADDITIONAL PAY ITEMS, OTHER THAN SPECIFIED IN THE BILL OF QUANTITIES UNDER ROAD SIGNS WILL BE APPLICABLE.

B5700 ROAD MARKINGS

B5701 SCOPE / GENERAL REQUIREMENTS

1.1 DELIVERY AND RESOURCE REQUIREMENTS

- The Contractor shall provide a minimum of 1 (one) fully equipped team to complete work orders. Each team shall be capable of applying the equivalent of 1,5 km of 100mm wide lines or 15m² of symbols per day.
- Each team shall be fully equipped with the necessary equipment (mechanical road painting machine and all additional hand operated equipment necessary for completing the work), generator, tools, camera, cellular phone, the South African Road Traffic Signs Manual (SARTSM), and all other incidentals necessary for the completion of the work.
- All records complete with photographs shall be handed in at the MCLM Depot within 1 (one) week after completion.
- All work orders to be completed within the period agreed on reception of the order.

1.2 CONTRACTORS GENERAL RESPONSIBILITIES

- The Contractor shall with due care and diligence execute and complete the works and remedy any defects therein in accordance with the provisions of the Contract.
- The Contractor shall take all reasonable measures to limit disruption to traffic as far as possible. He shall particularly programme his activities so as to minimise his time of occupation or disruption to traffic.
- Unless otherwise stated, the Contractor shall at his own expense supply and provide all the superintendence, plant (mechanical road painting machine and all additional hand operated equipment necessary), tools, machinery, labour, consumables and facilities required, safety equipment, transport to and from the sites and anything else required for the completion of the works.
- It will be the Contractor's responsibility to liaise with the relevant departments of the MCLM to ascertain the correct positions of stop lines, pedestrian crossings, etc, in order that road markings are applied correctly.
- The Contractor must engage and give preference to local labour in the provision of services and engineering works required for the fulfilment of the Contract.
- The Contractor shall ensure that all his staff maintain cordial approaches, attitude and behaviour to all members of the public.
- Notwithstanding anything previously stated, all works, repairs, connections, etc shall comply with the appropriate Standard Regulations current in the Republic, the local By-Laws at the time of installation and the Traffic Ordinance.

1.3 CONTRACTORS RESPONSIBILITIES RELATED TO COMMUNICATION AND REPORTING PROCEDURES

- The Contractor shall supply the MCLM Project Manager with daily timesheets of work completed. Timesheets will be supplied by the MCLM and an example can be obtained from the MCLM if required by the Bidder.
- The following procedures should take place **before** any project is undertaken by the Contractor:
 - (i) MCLM Project Manager will place an official written order with the Contractor.
 - (ii) The Contractor should identify the appropriate materials and quantities to be supplied and issued by the MCLM and must have it approved by the MCLM Project Manager.
 - (iii) Photographs should be taken of each section of road in at least two directions to confirm the condition of the road prior to commencement of work.
 - (iv) Work order placed with Contractors will be confirmed by the MCLM and scope of work agreed.
 - (v) Contractor and MCLM Project Manager to agree time scales for each project / installation.
 - (vi) Contractor and MCLM Project Manager to agree action-dated deadlines for each project or installation.

After completion of the work the following procedures / inspections should take place:

- (i) Photographs should be taken of the road markings in the same positions as the before photographs. The photograph shall be of a high quality clear with focus showing the road markings along the route and at intersections, in particular. The photograph shall indicate the date of the application by means of an electronic type date imprinted on the photograph.
 - (ii) In the case of new road markings and/or where specified by the MCLM Project Manager, the Contractors shall first apply pre-markings in accordance with the specifications. These premarkings shall be approved by the MCLM Project Manager prior to any painting operations being commenced.
 - (iii) The Contractor shall supply the MCLM Project Manager a breakdown of materials used as well as daily timesheets of work completed. All quantities claimed and calculations to be fully computerised for each project.
 - (iv) Once the MCLM Quality Assurer is satisfied that the work has been completed in accordance with the MCLM requirements and specifications, the Quality Assurer will issue a final acceptance and approve the hand-over of the installation to the MCLM.
 - (v) The MCLM will perform quality control by means of regular on-site spot checks. The MCLM Project Manager will at any time perform random tests of the application rate and quality of the paint being used.
 - (vi) The Contractor shall issue an invoice for the project within one week of project sign off.
- Where these communication / reporting procedures are not being adhered to or if the Contractor fails to meet the agreed deadlines on any project, without due notice and reasonable cause for the delay, the MCLM Project Manager may terminate the contract and work will be continued by an alternative contractor or the MCLM and no compensation will be made for work to date on that project.

1.4 CONTRACTORS RESPONSIBILITIES RELATED TO SAFETY

- The Contractor shall at all times observe adequate safety precautions to ensure the safety of the public as well as of his own staff and other persons engaged in or about the Works during the entire period of the Contract. In this respect he shall observe all laws, ordinances and regulations pertaining to his work. The site must be kept in an orderly state appropriated to the avoidance of danger to such persons at all times.
- As the work will be performed mainly in residential areas, the work site must be kept clean and must be cleared on a daily basis.
- The Contractor must at all times bear in mind the requirements of road and pavement users and must cause as little inconvenience and obstruction as possible. Access for the public shall be limited or restricted for as short a period as is reasonably possible.
- When work is carried out within a road reserve, the road surfaces not affected by the work and which remain open to traffic, shall be kept clean and safe at all times.
- The Contractor shall ensure that all relevant duties, obligations and prohibitions imposed in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), and Regulations will be fully complied with at all times. A written agreement in accordance with the Occupational Health and Safety Act must be entered into on award of Bid.
- All reasonable precautions shall be taken to protect workmen against falling material and/or objects and other dangers whilst they are carrying out their duties.

- The Contractor shall provide a properly equipped first-aid box, which shall be accessible at all times.
- The Contractor shall display in a prominent position the telephone numbers of the local police, the ambulance, the fire brigade and the nearest doctor for use in case of an emergency.
- No worker of the Contractor shall be allowed to do any work in the road reserve without a clean bright orange overall, high visibility pull over, waste coat, jacket or other approved clothing with strips of retro-reflective material and all other safety equipment necessary.
- Where adequate safety precautions are not being observed, the MCLM Project Manager may order the Contractor to comply with minimum safety requirements at the latter's expense. Compliance with such order will not absolve the Contractor from any of his responsibilities and obligations under the Contract. At the discretion of the MCLM Project Manager, he may order the Contractor to move off-site or and work will be continued by another contractor or MCLM and no compensation will be made for work to date on that project.

1.5 CLIENTS RESPONSIBILITIES

- Furnish the contractor with written instructions, drawings, documentation etc indicating the project site and the nature and extent of work to be performed as required. Where a Consultant has been appointed this will form part of their responsibility.
- Specify the locations and details of the road markings to be applied by the Contractor.

B5702 MATERIALS

1.1 Introduction

Road markings will be applied using hot-applied thermoplastic, cold plastic paint, standard road-marking paint and/or any approved alternative materials or products offered by the Bidder.

Thermoplastic material is applied hot with an appropriate hand or mechanical applicator. It sets on laying and forms a cohesive film by cooling. The MCLM will require the use of thermo-plastic material because of its good durability. On motorways and other high order roads, mechanical application will be required as it can be laid in long runs using motorised equipment with minimum disruption to traffic.

Cold plastic paint is a marking material supplied in single or multi-component forms. Depending on the type of system the components are mixed together in various ratios and applied with an appropriate applicator. It forms a cohesive film only by a chemical process.

Other materials that Bidders may offer could include preformed thermo or cold plastic material which is applied to the road surface using an adhesive. Preformed tape is produced in sheet or roll form and is either bonded to the road surface or inlaid. The advantage of preformed markings is that they have good durability, are of uniform thickness and do not spread in hot weather or under the weight of heavy traffic.

Preformed thermoplastic road markings are applied by heating the material until it bonds to the road surface by melting or fusion. They provide a simple way to apply arrows, lettering etc. and to reinstate short lengths of line without the need for substantial application and support equipment.

1.2 Standard road-marking paint

Standard road-marking paint complying with SANS 731 shall be provided by the contractor. **The paint may not be thinned down by the Contractor.**

1.3 Retro-reflective road-marking paint

Retro-reflective road-marking paint complying with CKS 192 and SANS 731 shall be supplied by the Contractor. **The paint may not be thinned down by the Contractor.** The Contractor shall return the empty containers at the end of the each workday for quantity control and payment.

1.4 Colour

The colours to be used shall be bright white, or red. The colour of the and red road marking materials shall be as specified in SANS 731-1.

1.5 Retro-reflectivity

Retro-reflectivity is the ability of a white line to reflect light from a vehicle's headlights back to the driving position of a vehicle. The materials offered shall have at least 100 millicandelas per lux per square metre(mcd/lux/m²),, but preferably 250 mcd/lux/m², at 7 days, and 200 mcd/lux/m² after 6 months.

The MCLM Quality Assurer may from time to time perform spot checks to ensure compliance with retro-reflectivity

B5703 WEATHER LIMITATIONS

Road marking paint shall not be applied to a damp surface or at temperatures lower than 10°C, or when, in the opinion of the MCLM Quality Assurer, the wind strength is such that it may adversely affect the painting operations.

B5704 MECHANICAL EQUIPMENT FOR PAINTING

The equipment shall consist of an apparatus for cleaning the surfaces, a mechanical road marking machine and all additional hand-operated equipment necessary for completing the work.

The machine shall be so designed that it will be capable of painting the road markings everywhere to uniform width with sides within the tolerances specified, without the paint running or splashing.

The machine shall further be capable of painting lines of different widths by adjusting the spray jets on the means or by means of additional equipment attached to the machine.

The machine shall be equipped with a device that will enable the driver to follow a target on the roadway or to follow previously placed lines. The machine shall be capable of adjusting the spacing of dotted lines in such a way that existing road markings can be reinstated.

The machine shall be capable of spraying at a speed of not less than 5,0 km/h and shall be provided with clearly visible warning flashing lights which shall always be in operation when the machine is on the road.

The mechanical road marking machine shall be capable of applying two types of retro-reflective beads as the MCLM will supply Contractors with wet and dry beads.

B5705 SURFACE PREPARATION

Before any paint is applied, the road surface shall be clean and dry and completely free from any soil, grease, oil, acid or any other material which will be detrimental to the bond between the paint and the road surface. The surface where the road-marking materials is to be applied shall be properly cleaned by means of watering, brooming or compressed air if required.

Traffic markings shall be applied to new bituminous surfaces only after sufficient time has elapsed to ensure damage will not be caused to the painted surface by volatiles evaporating from the road surface.

Where road markings are to be applied to a concrete pavement, an armour coat based primer or similar approved by the MCLM shall be applied before any road markings are applied. The primer shall be provided by the Contractor and the rates provided in the Schedule of rates shall make allowance for this. Particular care shall be taken to ensure the surface shall be clean.

Thermoplastic road marking material must be applied to a dry road surface, with no surface dampness, dew or subsurface wetness to ensure good adhesion. The ambient temperature shall be above 10°C or the temperature recommended by the Manufacturer.

B5706 SETTING OUT THE ROAD MARKINGS

The dimensions and positions of road markings required by the MCLM shall be shown on the drawings provided by the MCLM and shall be in accordance with SARTSM.

In the case of new road markings, the lines, symbols, figures or marks shall be premarked by means of paint spots of the same colour as that of final lines and marks. These points shall be at such intervals as will ensure that the traffic markings can be applied, and in no case shall they be more than 1,5 m apart. Normally spots of approximately 10mm in diameter should be sufficient.

After premarking the positions of the proposed road markings such as broken lines and the starting and finishing points of barrier lines shall be indicated on the road. These premarkings shall be approved by the MCLM Project Manager prior to any painting operations being commenced.

The positions and outlines of special markings shall be produced on the road surface in chalk and shall be approved by the MCLM Project Manager before they are fixed in position.

B5707 APPLYING THE PAINT

The figures, letters, signs, symbols, broken or unbroken lines or other markings shall be painted in accordance with the instructions of the MCLM Project Manager and SARTSM.

Where the paint is applied by machine, it shall be applied in one layer. The Contractor shall ensure the satisfactory operation of the road-marking machine before the machine is used on the actual road surface. It shall be tested on a suitable site which is not part of the roadway. Adjustments to the machine shall be followed by further testing. Only when the machine has been correctly adjusted and its use has been approved by the MCLM Quality Assurer may the machine be used on the permanent work. The operator shall be experienced in the use of the machine.

After the machine has been satisfactorily adjusted the rate of application shall be checked and adjusted if necessary before application on a large scale is commenced.

The paint shall be stirred before application in accordance with the manufacturer's instruction. Paint shall be applied without the addition of thinners.

Standard road-marking paint shall be applied at a nominal rate of 1,0 l/m² or as directed by the MCLM Project Manager and proprietary brands shall be applied at the rates specified by the Manufacturer.

B5708 APPLYING THE RETRO-REFLECTIVE BEADS

The beads shall be dropped or sprayed onto the paint layer, the beads can be pre-mixed in paint or other material before application or a proportion of the beads can be dropped on pre-mixed materials.

The preferred method is that of spraying (under pressure) or dropping (under gravity) beads onto the wet road-marking material basically simultaneously with the paint application.

The mechanical road marking machine shall be capable of applying two types of retro-reflective beads as the MCLM will supply Contractors with wet and dry beads.

Where retro-reflective paint is required the retro-reflective beads shall be applied by means of a suitable machine in one continuous operation, immediately after the paint has been applied. The rate of application of the beads shall be 0,6 to 0,8 kg/ℓ of paint or such other rate as may be directed by the MCLM Project Manager.

B5712 FAULTY WORKMANSHIP OR MATERIALS

If any material which does not comply with the requirements or if the MCLM Quality Assurer find that any road marking material has been thinned down, or if any work of an unacceptable quality is carried out such material or work shall be removed, replaced or repaired as required by the MCLM Quality Assurer at the Contractor's own cost.

- Rejected traffic markings and paint which has been splashed or dripped onto the pavement, kerbs, structures or other such surfaces, shall be removed by the contractor at his own cost in an approved manner so that the markings or spilt paint will not show up at all.
- The MCLM Project Manager / Quality Assurer shall have authority to randomly inspect or test the application rate of the road marking materials.
- The MCLM Project Manager / Quality Assurer shall have authority to randomly inspect or test any material that is being used on site to ensure that the quality is in accordance with the specifications or that road marking materials free-issued by the MCLM has not been thinned down or modified in any way.
- If found that the Contractor has modified the material in anyway, the MCLM Project Manager may terminate the contract and work will be continued by another contractor or MCLM and no compensation will be made for work to date on that project.
- Should any of the work carried out by the Contractor, become defective within a period of twelve (12) months as a result of poor workmanship or negligence on the side of the Contractor, the Contractor will be ordered to re-execute the work at no cost to the MCLM. Should the Contractor fail to comply with this order, the MCLM Project Manager shall have the right to remove and have the work reinstated by another contractor or the MCLM and the cost will be recovered from the Contractor.

QUALITY AND GUARANTEE

- If at any time after delivery the MCLM Project Manager shall be dissatisfied with the workmanship, the contractor shall immediately remedy the said defect to the specification provided by the Engineer.
- Should the Contractor delay remedial work in excess of the time stipulated by the MCLM's representative, the MCLM Project Manager may have such remedial work executed at the contractor's expense.
- The guarantee period against faulty and poor workmanship or negligence on the side of the Contractor shall be twelve (12) months after the issuing of the final acceptance of the installation.
- The Hot-Applied Thermo Plastic Paint, cold applied plastics and/or and alternative products offered shall clearly state the details of the guarantee for approval by the MCLM.

B5713 PROTECTION

After the paint has been applied, the traffic markings shall be protected against damage by traffic or other causes. The Contractor shall be responsible for erecting, placing and removing warning boards, flags, cones, barricades, and other protective measures which may be necessary in terms of any statutory provision and/or as may be recommend SARTSM.

B5714 MEASUREMENT AND PAYMENT**57.02 Applying retro-reflective road marking paint**

- The unit of measurement for painting the lines shall be a kilometre of each specifof line and the quantity paid for shall be actual length of line painted in accordance with the instructions of the MCLM Project Manager and SARTSM, excluding the gaps in broken lines.
- The unit of measurement for painting the lettering, symbols or traffic island markings shall be a square meter and the quantity to be paid for shall be the actual surface are of lettering, symbols or traffic island markings complete. Distinction shall be made between the different types of lines, islands and colour of the markings.
- The Bid rate per kilometre or per square metre as the case may be for painting the traffic markings shall include full compensation for materials and providing the necessary labour and equipment, and for painting and protecting as specified, including the setting out of lettering, symbols and traffic island markings, but excluding setting out and premarking the lines.

57.06 Setting out and pre-marking the lines

- The unit of measurement for setting out lines (excluding traffic-island markings, lettering and symbols) shall be the kilometre of lines set out and marked. Where two or three lines are to be painted next to each other, the setting-out of lines shall be measured only once.
- The Bid rate shall include full compensation for setting out and premarking the lines as specified, including all materials. Paint for premarking will not be free-issued by the MCLM.

57.08 Removal of existing, temporary or permanent road markings

- The unit of measurement shall be the square metre of existing road markings removed by means of sand blasting, water jetting / hydro blasting on the instruction of the MCLM Project Manager. Over-painting markings with black paint or bituminous solutions is not allowed.
- The tendered rates shall include full compensation for sand, all plant, labour, consumables, water, cleaning of the road surface and all other costs involved.
- Separate payment will be made for establishment on site. Contractors will be paid for one site establishment for all orders placed at the same time within a 5km radius.

SECTION 8100: TESTING MATERIALS AND WORKMANSHIP

81.01 Scope

- Include the following: During the process of the work test shall be conducted on materials and workmanship to ensure compliance with the requirements and specifications “**or as directed by the Engineer**”

81.02 Testing Methods

All tests shall be conducted in accordance with the standard methods as specified and in the order of preference as per Section 8102.

81.03 The Costs of Testing

The tendered rates for various items of works to make provision for testing as per clause 1205, 8103 (a) for the purpose of process control.

Should further testing, be required by the Engineer, these costs will form part of Contingencies.

81.17 Measurement and Payment

The following will apply:

- Tendered rates to include all standard testing required for process control purposes, as per clause 1205.
- Where it is required or instructed by the Engineer that further testing be performed, this will be covered under Contingencies, provided in the Bill of Quantities.

8200: QUALITY CONTROL

During the process of the work the contractor shall conduct required tests on materials and workmanship as required to ensure compliance with the requirements and specifications in terms of his obligations under clause 1205.

No other Quality Control Scheme is required.

82. 17 Measurement and Payment

Where additional testing / material designs etc. are required as directed by the Engineer, this to be paid under Contingencies with the Contractor to obtain quotations, inclusive of a mark up for handling fees, not exceeding 10%.

A PC sum has been provided in the Bill of Quantities, with tests to be claimed under Contingencies

GENERIC SPECIFICATION

C3.7 GENERIC SPECIFICATIONS

The specifications is Generic (In-house) Specifications prepared by the employer applicable to this contract.

ANNEXURE A NOTIFICATION OF CONSTRUCTION WORK Regulation 3 of the construction Regulations, 2003

1. (a) Name and postal address of principal Contractor:
.....
(b) Name and telephone number of principal Contractor's contact person:
.....
2. Principal Contractor's compensation registration number:
.....
3. (a) Name and postal address of Client:
.....
(b) Name and telephone number of Client's contact person or agent:
.....
4. (a) Name and postal address of designer(s) for the project:
.....
(b) Name and telephone number of designer's contact person:
.....
5. Name and telephone number of principal Contractor's construction supervisor on site appointed in terms of regulations 6 (1):
.....
6. Name/s of principal Contractor's sub-ordinate supervisors on site appointed in terms of regulation 6 (2):
.....
7. Exact physical address of the construction site or site office:
.....
8. Nature of the construction work:

9. Expected commencement date:

10. Expected completion date:

11. Estimated maximum number of persons on the construction site:

12. Planned number of Contractors on the construction site accountable to principal Contractor:

13. 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.

ANNEXURE B**OCCUPATIONAL HEALTH AND SAFETY
AUDIT SYSTEM****ADMINISTRATIVE & LEGAL REQUIREMENTS**

Subject	Requirements	Yes/No
Notice of carrying out Construction work	Department of Labour notified Copy of Notice available on Site.	
Copy of OH&S Act (Act 85 of 1993)	Updated copy of Act & Regulations on site Readily available for perusal by employees.	
Registration with Compens. Insurer	Written proof of registration / Letter of good standing available on Site.	
OH&S Specification & Plan	OH&S Specification received from Client OH&S plan developed Updated regularly.	
Hazard Identification & Risk Assessment	Hazard Identification carried out/recorded Risk Assessment and Plan drawn up/updated Risk Assessment Plan available on Site Employees/Subcontractors informed/trained.	
Assigned duties (Managers)	Responsibility of complying with the OH&S Act assigned to other person/s by CEO.	
Designation of Person Responsible on Site	Competent person appointed in writing as Construction Supervisor.	
Designation of Subordinate Person	Competent person appointed in writing as Sub-ordinate Construction Supervisor.	
Designation of Occupational Health & Safety Representatives	More than 20 employees – one OH&S Representative, one additional OH&S Rep. For each 50 employees or part thereof. Designation in writing, period and area of responsibility specified. Meaningful OH&S Rep. Reports. Reports auctioned by Management.	
Occupational Health & Safety Committee/s	OH&S Committee/s established. Members appointed in writing. Meetings held monthly. Minutes kept. Actioned by Management.	
Agreement with Mandatories (Subcontractors)	Written agreement with Subcontractors. List of Subcontractors displayed. Proof of Registration with Compensation Insurer/Letter of Good Standing Construction Work Supervisor designated Written arrangements concerning OH&S Reps & OH&S Committee Written arrangements regarding First Aid.	

Subject	Requirements	Yes/No
Structures	Information re. The structure being erected received from the Designer including: <ul style="list-style-type: none"> – Geo-science technical report where relevant. – The design loading of the structure. – The methods & sequence of construction. – Anticipated dangers / hazards / special measures to construct safely. Risk Assessment carried out Method statement drawn up All above available on Site Structures inspected before each shift. Inspections register kept.	
Formwork & Support work	Competent person appointed in writing to supervise erection, maintenance, use and dismantling of Support & Formwork Design drawings available on site Risk Assessment carried out Support & Formwork inspected: <ul style="list-style-type: none"> – Before use/inspection. – Before pouring of concrete. – Weekly whilst in place. – Before stripping/dismantling. Inspection register kept. 	
Excavations	Competent person/s appointed in writing to supervise and inspect excavation work Written Proof of Competence of above appointee/s available on Site Risk Assessment carried out Inspected: <ul style="list-style-type: none"> – Before every shift. – After any blasting. – After an unexpected fall of ground. – After any substantial damage to the shoring. – After rain. Inspections register kept. – Method statement developed where explosives will be/are used. 	
Demolition Work	Competent person/s appointed in writing to supervise and control Demolition work. Written Proof of Competence of above appointee/s available on Site Risk Assessment carried out. Engineering survey and Method Statement available on Site. Inspections to prevent premature collapse carried out by competent person before each shift. Inspection register kept.	
Materials Hoist	Competent person appointed in writing to inspect the Material Hoist. Written Proof of Competence of above appointee available on Site. Materials Hoist to be inspected weekly by a competent person. Inspections register kept.	
Batch Plants	Competent person appointed to control the operation of the Batch Plant and the service, maintenance and cleaning. Register kept of above. Risk Assessment carried out.	

	Batch Plant to be inspected weekly by a competent person. Inspection register kept	
Tunnelling	Complying with Mines Health & Safety Act (29 of 1996). Risk Assessment carried out	
Cranes & Lifting Machines Equipment	Competent person appointed in writing to inspect Cranes, Lifting Machines & Equipment Written Proof of Competence of above appointee available on Site. Cranes & Lifting tackle identified/numbered. Register kept for Lifting Tackle. Log Book kept for each individual Crane. Inspection: <ul style="list-style-type: none"> – All cranes – daily by operator. – Tower Crane/s – after erection/6 monthly. – Other cranes – annually by comp. person. – Lifting tackle (slings/ropes/chain slings etc.) – 3 monthly. – Risk Assessment carried out. 	
Designation of Stacking & Storage Supervisor	Competent Person/s with specific knowledge and experience designated to supervise all Stacking & Storage. Written Proof of Competence of above appointee available on Site.	
Designation of a Person to Co-ordinate Emergency Planning And Fire Protection	Person/s with specific knowledge and experience designated to co-ordinate emergency contingency planning and execution and fire prevention measures. Emergency Evacuation Plan developed: Drilled/Practiced. Plan & Records of Drills/Practices available on Site. Fire Risk Assessment carried out. All Fire Extinguishing Equipment identified and on register. Inspected weekly. Inspection Register kept. Serviced annually.	
First Aid	Every workplace provided with sufficient number of First Aid boxes. (Required where 5 persons or more are employed). First Aid freely available. Equipment as per the list in the OH&S Act. One qualified First Aider appointed for every 50 employees. (Required where more than 10 persons are employed). List of First Aiders and Certificates. Name of person/s in charge of First Aid box/es displayed. Location of First Aid Box/es clearly indicated. Signs instructing employees to report all injuries/illness including first aid injuries.	
Personal Safety Equipment (PSE)	PSE Risk Assessment carried out. Items of PSE prescribed/use enforced. Records of Issue kept. Undertaking by Employee to use/wear PSE.	
*Control of Storage & Usage of HCS	Competent Person/s with specific knowledge and experience designated to Control the Storage & Usage of HCS. Written Proof of Competence of above appointee available on Site.	

	<p>Risk Assessment carried out.</p> <p>Register of HCS kept/used on Site.</p>	
Vessels under Pressure (VUP)	<p>Competent Person/s with specific knowledge and experience designated to supervise the use, storage, maintenance, statutory inspections & testing of VUP's.</p> <p>Written Proof of Competence of above appointee available on Site Risk Assessment Carried out.</p> <p>Certificates of Manufacture available on Site.</p> <p>Register of VUP's on Site.</p> <p>Inspections & Testing by Approved Inspection Authority (AIA):</p> <p>After installation/re-erection or repairs every 36 months.</p> <p>Register/Log kept of inspections, tests. Modifications & repair.</p>	
Construction Vehicles & Earth Moving Equipment	<p>Operators/Drivers appointed to:</p> <p>Carry out a daily inspection prior to use.</p> <p>Drive the vehicle/plant that he/she is competent to operate/drive.</p> <p>Written Proof of Competence of above appointee available on Site.</p> <p>Record of Daily inspections kept.</p>	
Inspection of Ladders	<p>Competent person appointed in writing to inspect Ladders.</p> <p>Ladders inspected at arrival on site and monthly there after. Inspections register kept.</p>	
Ramps	<p>Competent person appointed in writing to Supervise the erection & inspection of Ramps. Inspection register kept.</p>	

Safety and Fire Rules

SAFETY AND FIRE RULES FOR CONTRACTORS ON THE PREMISES

- i. All persons on company premises shall obey all health and safety rules, procedures and practices. In particular, NO SMOKING signs and the prohibition of the carrying of smoking materials in designated areas shall always be obeyed.
- ii. All the applicable requirements of the Occupational Health and Safety Act (1993) and Regulations and any amendments thereto, shall be met.
- iii. Where the OHS Act prescribes certification of competency of persons performing certain tasks, proof of such certification shall be provided prior to signing of the contract or commencement of work.
- iv. The Contractor's Workmen's Compensation fees must be up to date. A copy of Contractor's WCA registration shall be produced on request. WCA Registration No. of the Contractor company.....

Any process involving open flames, sparks or heat shall be authorized by the issue of a permit to work, obtained from the officials designated as permit issuer. Any work done under the protection of a permit to work shall be in strict compliance with every prescription on the permit.

- v. Safety equipment shall be used where applicable, (e.g. safety goggles, boots, harness, etc.). The Contractor shall provide this at his own expense. The Contractor shall apply the necessary discipline and control to ensure compliance by his workers.
- vi. All work shall be done during normal working hours, unless otherwise instructed or agreed in writing.
- vii. The contractor shall maintain good housekeeping mandates in the area where he is working for the duration of the contract.

Signed _____

Date

Name _____

Position

Tenderer

C3.8 DRAWINGS / ANNEXURES

ANNEXURE A

**OCCUPATIONAL HEALTH AND SAFETY ACT (ACT NO. 85,
1993)**

Contractor to obtain his own copy of the Act for reference purposes.

C3.8 DRAWINGS / ANNEXURES

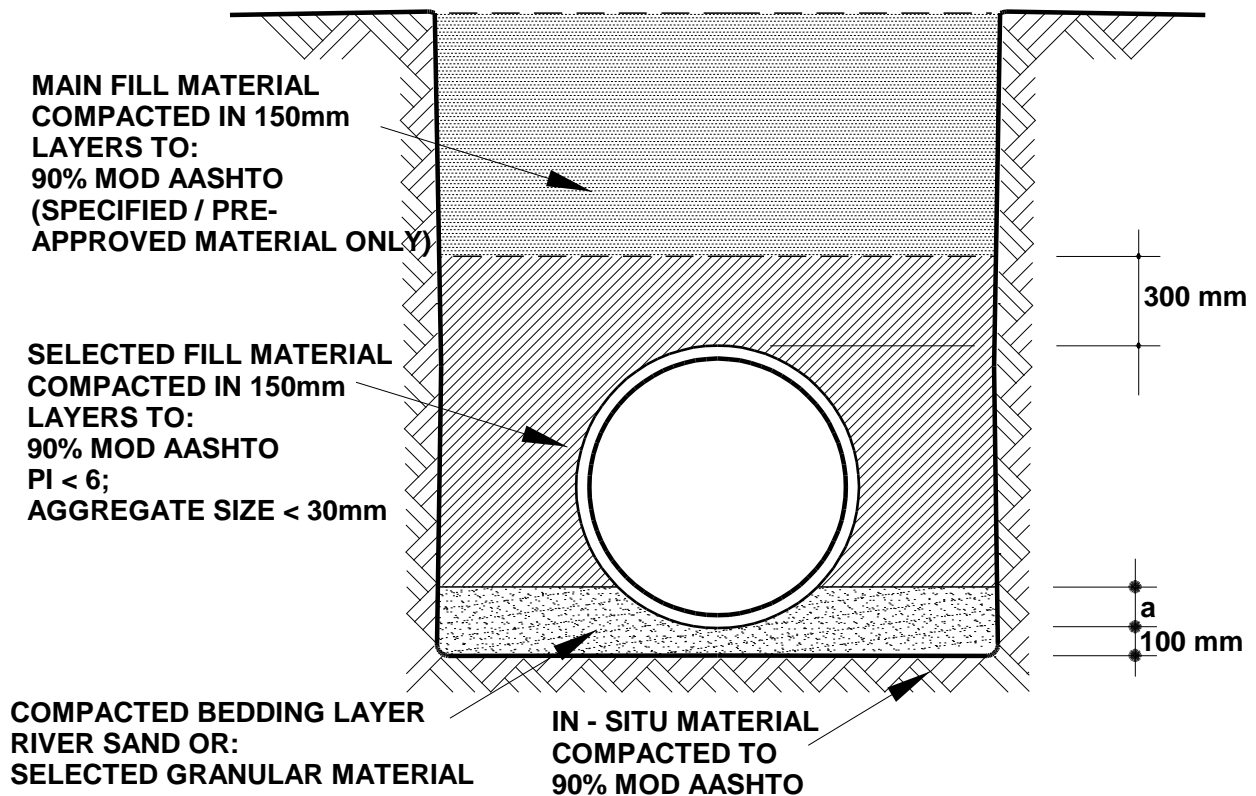
ANNEXURE B

REDUCED DRAWINGS FOR TENDER PURPOSES ONLY

(WILL BE PROVIDED ON REQUEST AS REQUIRED)

ANNEXURE B1

TYPICAL PIPE BEDDING DETAILS



NOTES:

FILL MATERIAL TO BE PRE- APPROVED BY THE ENGINEER

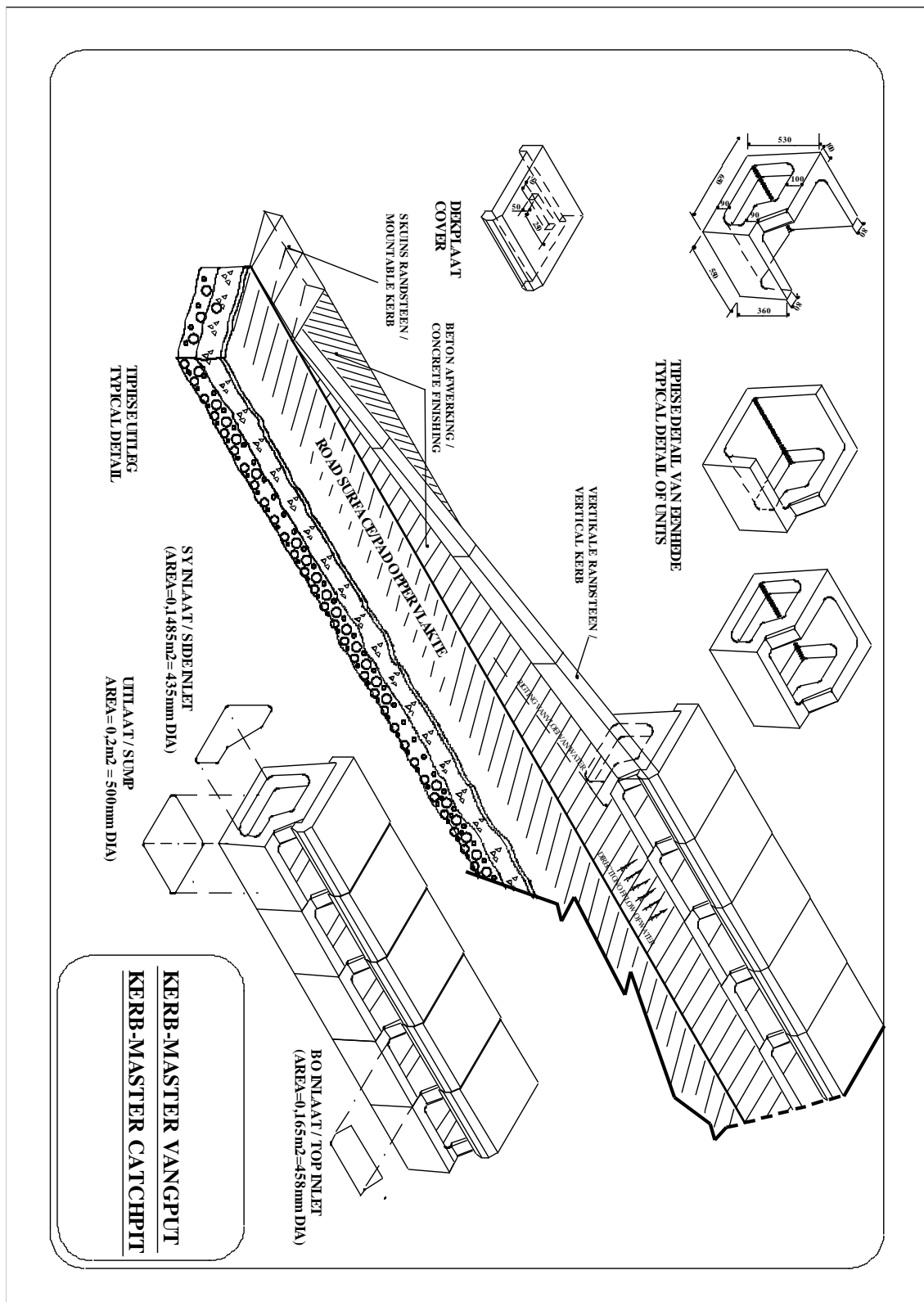
Pipe dia.	Dimension (a)
450 mm	75 mm
600 mm	100 mm
750 mm	125 mm
900 mm	150 mm

- ❖ Setting out and level indicators to be done by employer's representative/surveyor.
- ❖ Pipes to be 100d, Ogee joints, interlocking.
- ❖ Joints to be sealed with sand cement mix 3:1;
- ❖ Class B bedding is applicable.
- ❖ Backfilling to be done in accordance to Class B bedding and be equal to the excavated layerworks.
- ❖ Compact base and sub-base material layers to 93% MOD AASHTO.

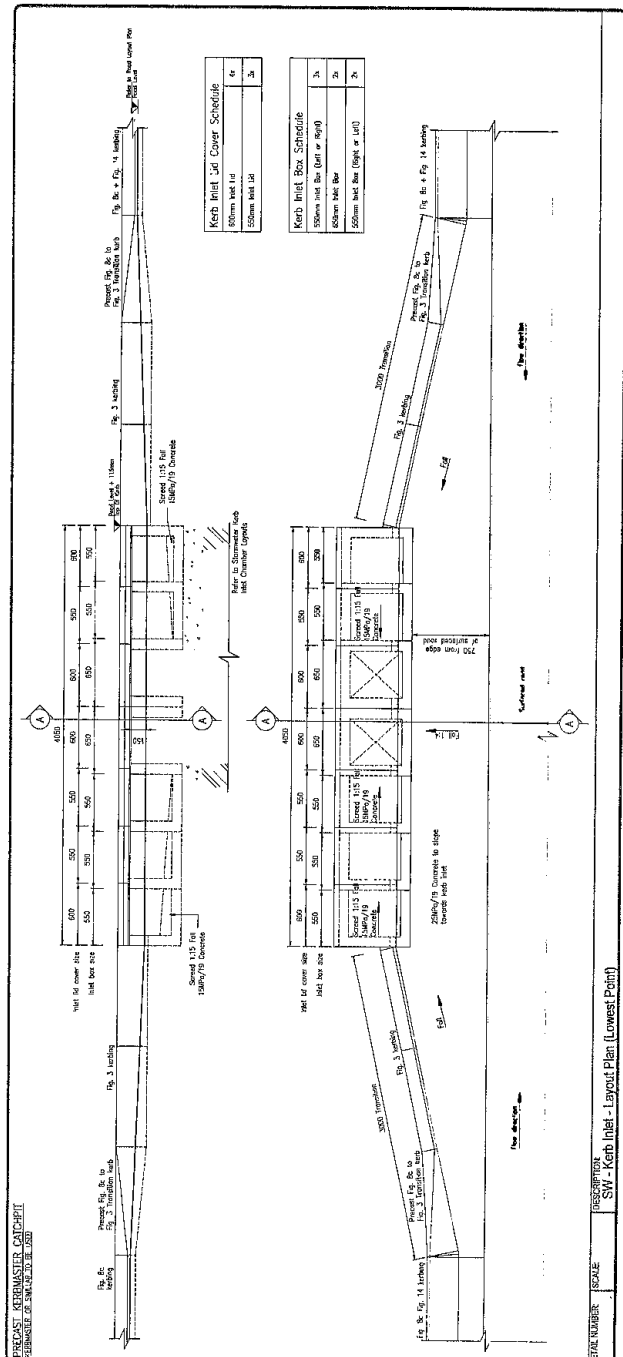
Rate is inclusive of all plant requirements, supply and install and the removing and disposing of excavated material

ANNEXURE B2

Specifications for reinstatement of Storm water catch pits (Kerb-master Type or similar type)



Part C3: Scope of Work



ANNEXURE B3

Specifications for reinstatement of Storm water catch pits: Various Types

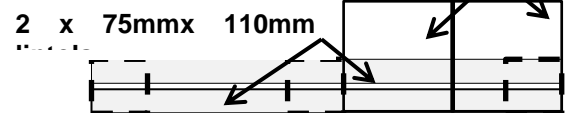
The work to be done includes the following:

1. Barricade work area during construction work.
2. Build double course brick work pillars to support lintols.
3. Pillars to be plastered.
4. Replace stole/ vandalized frames with lintols to support concrete slabs.
5. Fit new 900x900x75mm cover slabs as below.
6. Remove old cover slabs and deliver to Chamdor Municipal yard.
7. Should it be required that existing kerbs need to be replaced, thjis will be paid separately under the item provided for kerbs.

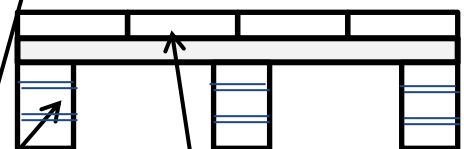


220 x 220 brickwork, plastered,
2-3 courses @ 1.5m-1.8m spacing

75mmx 75mm x 900mm cover slabs,



PLAN



FRONT

75mmx 75mm x 900mm
cover slabs, reinforced

ANNEXURE B4

Specifications for Supply and fitting of Cast Storm water catch pit cover slabs, complete with footing

Replacement Sizes and specifications

Concrete strength: 25 Mpa , reinforcing ; Y10's @ 75mm crs

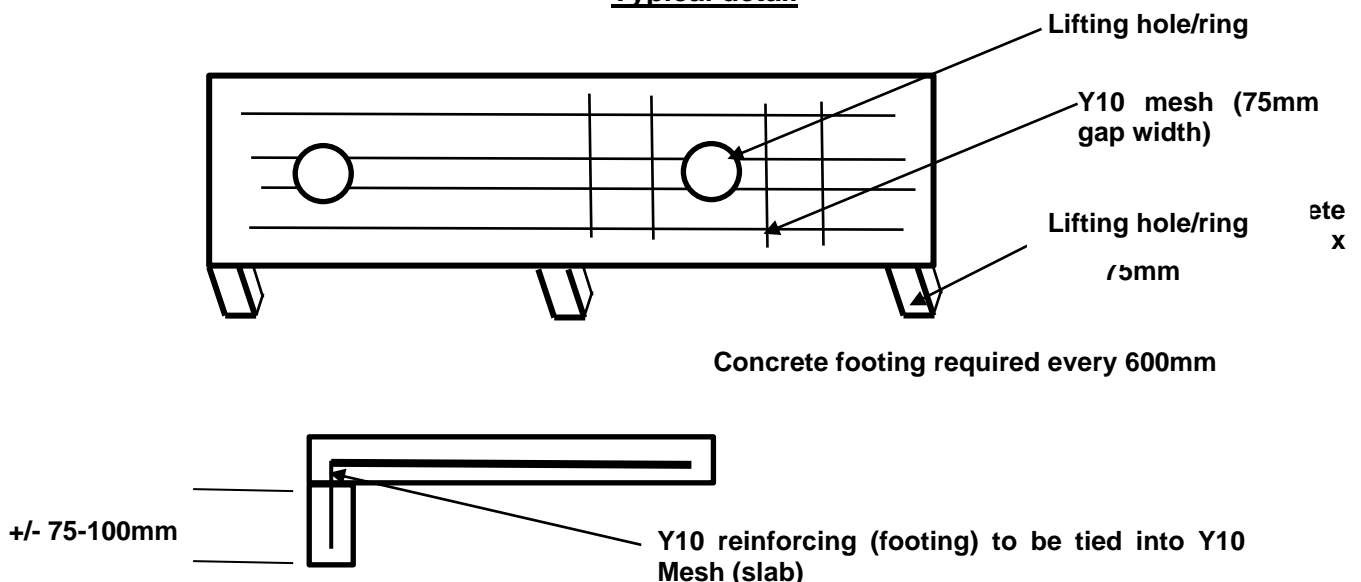
Dimensions:

- 600mm/ 900mm/1200mm/1500mm/1800mm/3000mm (L) x 600mm (W) x 75mm thickness

The work to be done includes the following:

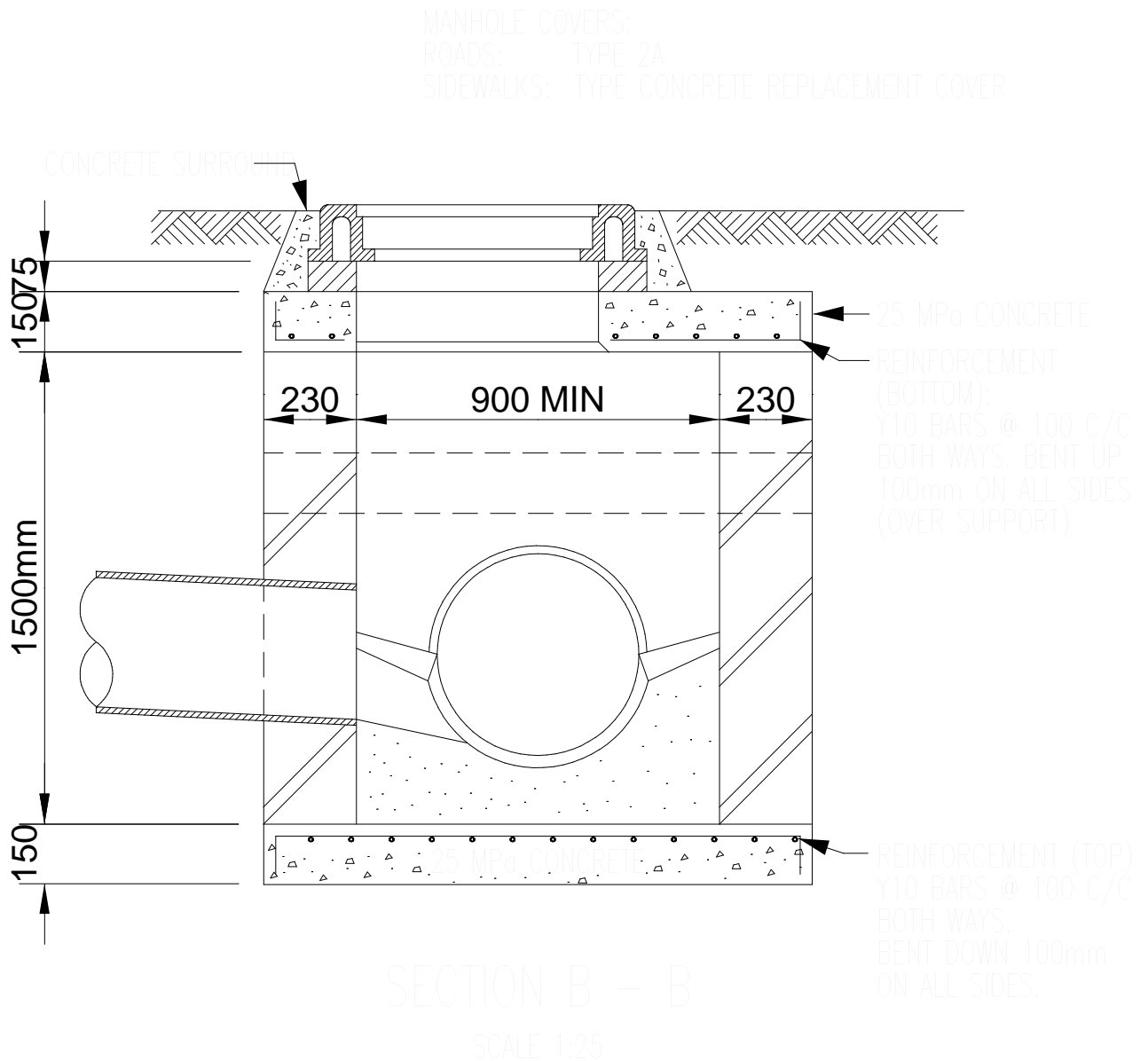
1. Barricade work area during construction work.
2. Remove old cover slabs and clean the inside of drain.
 Re-usable slabs to be delivered to Chamdor Municipal yard.
3. Fit new purpose made cover slabs as detailed below. Where it is impractical to manufacture the cover slabs off – site, due to the size it may be cast in-situ.
4. Should it be required that existing kerbs need to be replaced, this will be paid separately under the item provided for kerbs.

Typical detail



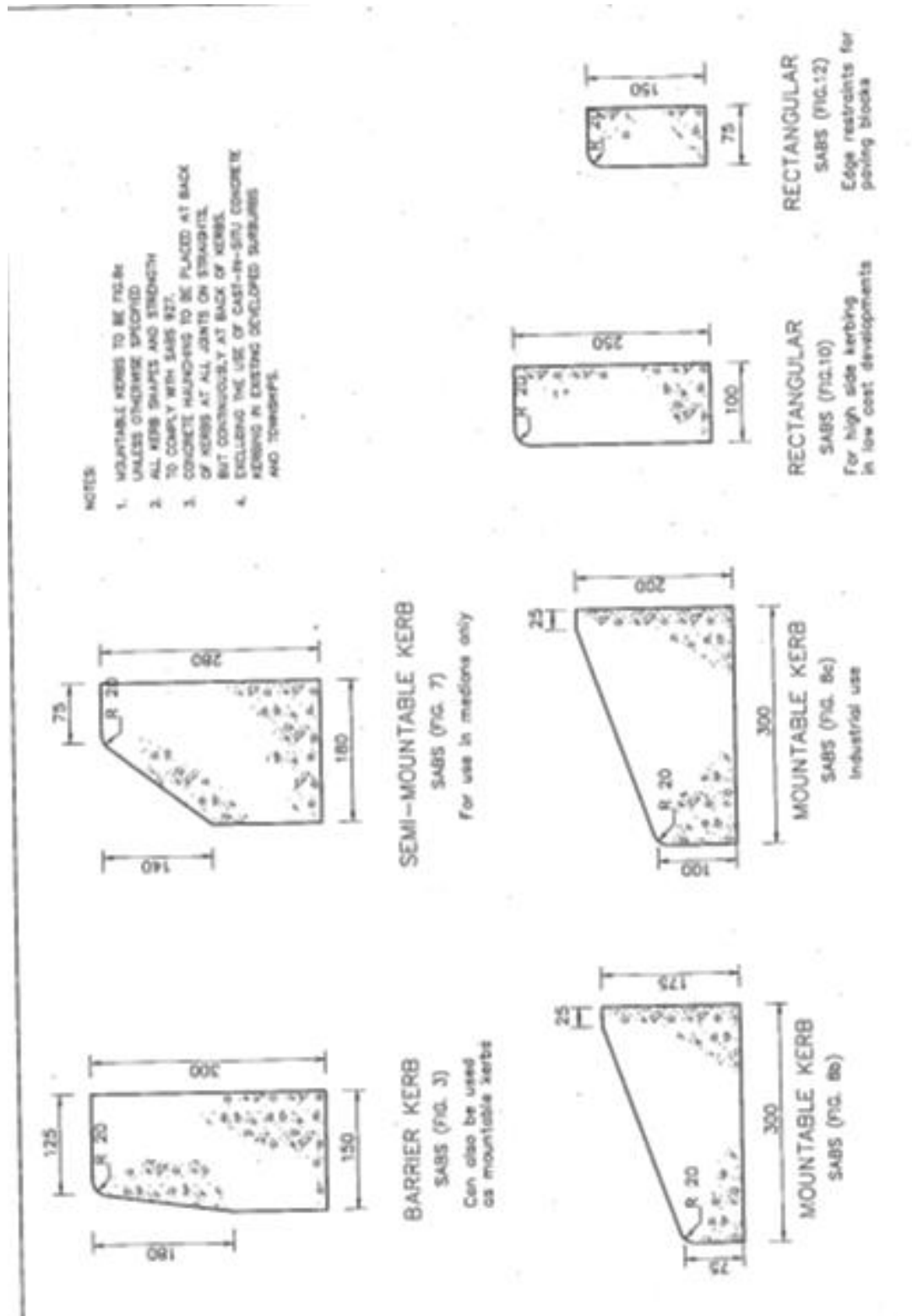
ANNEXURE B5

Specifications for Concrete manholes

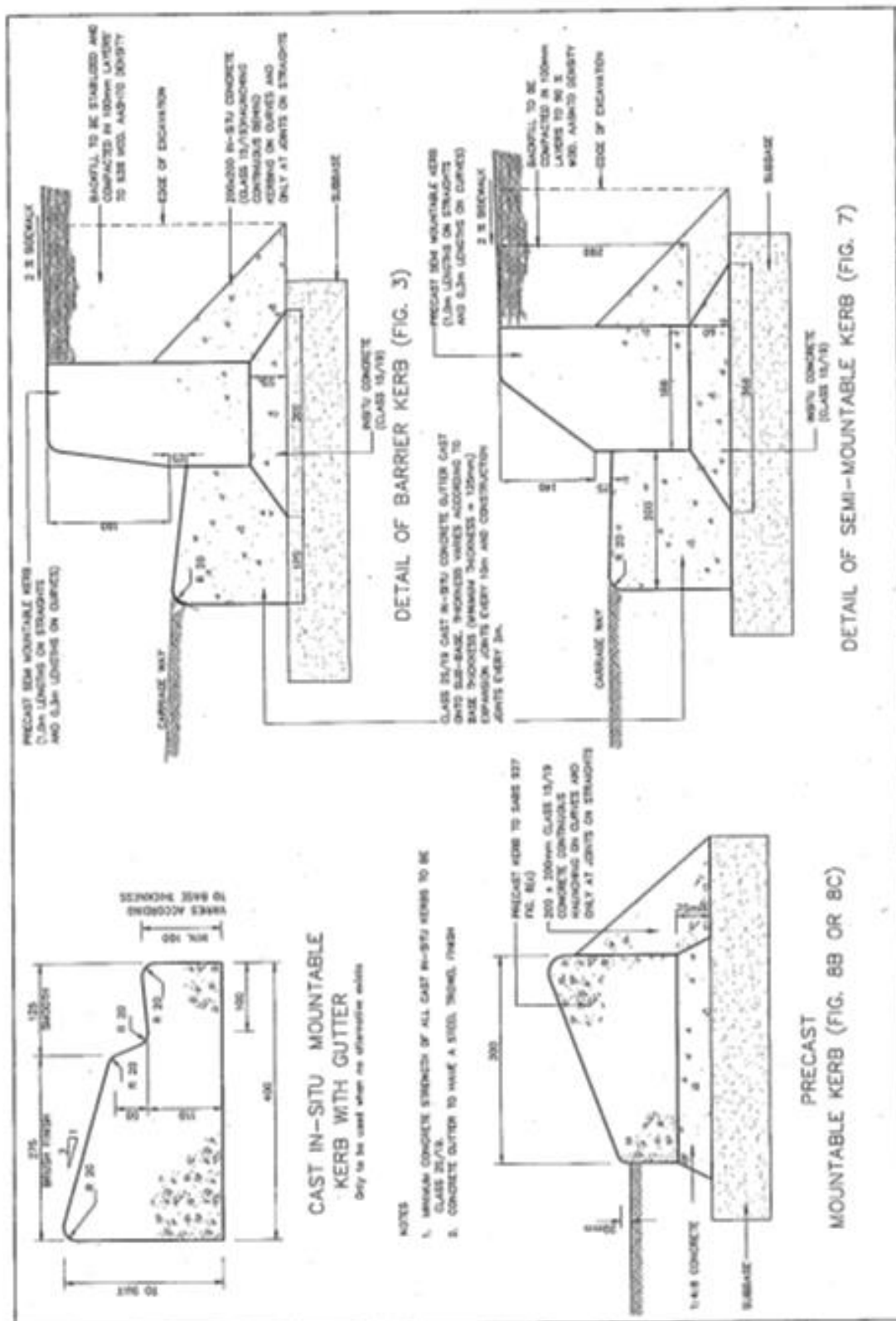


ANNEXURE B6

Specifications for Laying of Kerbs

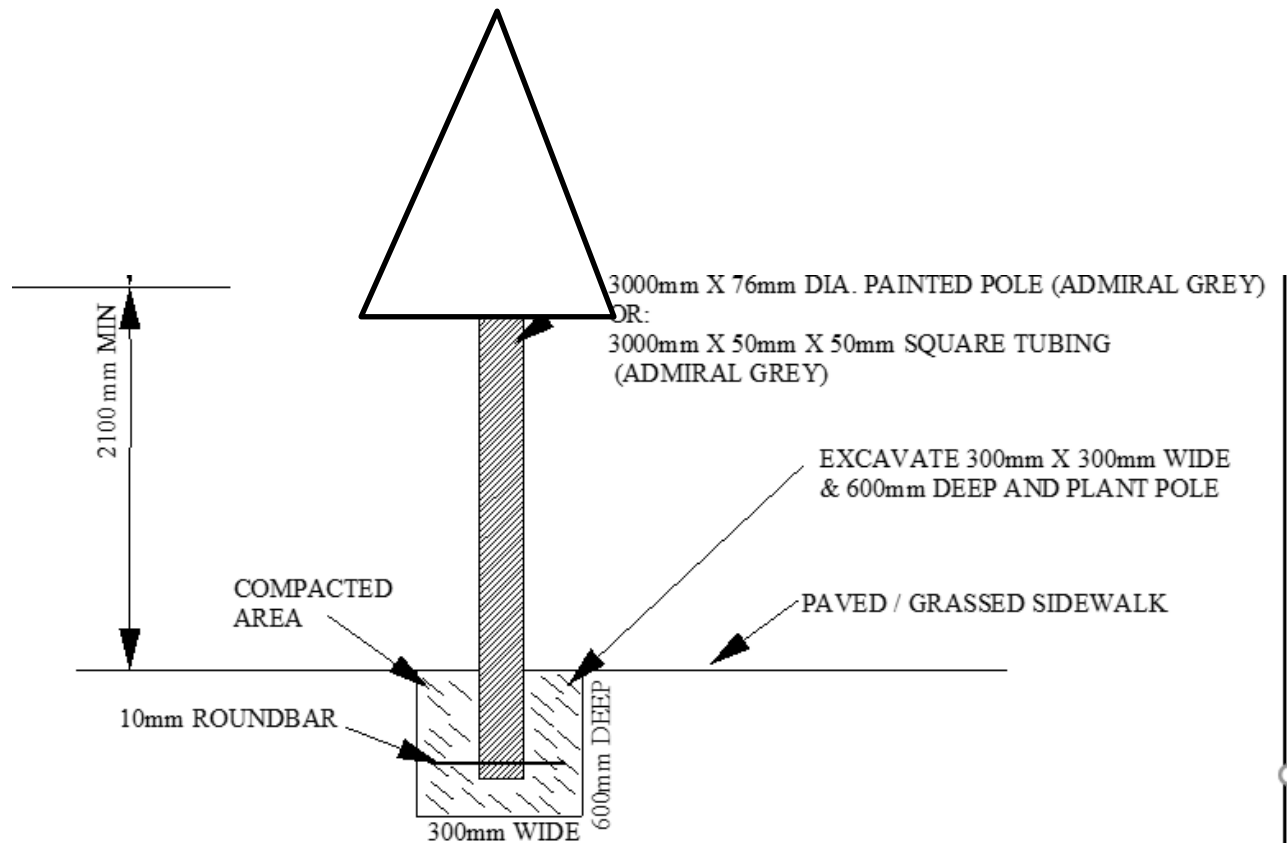


Specifications for Laying of Kerbs



ANNEXURE B7

SPECIFICATIONS FOR TRAFFIC SIGNS



ANNEXURE C 1






Traffic accommodation for road reserve and on shoulders.

13.8.8

SHORT TERM WORKS

13.8.6 Fixed Site - Work on Shoulder

- 1 The temporary signing treatment illustrated in Figure 13.35 is intended for short term work located on the shoulder of a public road, either in the sense that the work is actually on the shoulder, or is immediately adjacent but outside the shoulder, but requires occupation of the shoulder by the work unit. In situations such as this, if the work unit's support vehicle is equipped with flashing yellow warning lights, it may benefit the safety of the workers for the vehicle to be parked on the shoulder, at the end of the Buffer Zone, between the workers and approaching traffic.
- 2 If the work is carried over into darkness, the TRAFFIC CONE delineation devices TD4 shall be provided with retroreflective sleeves or they shall be replaced by DELINEATOR PLATE hazard marker signs TW401/TW402. Cones used on high speed roads shall have a height of at least 700 mm. For details of delineator and cone spacings refers to table 13.4.
- 3 Tapers used for this type of work site treatment should be in accordance with Table 13.5.
- 4 Advance warning signs should be located up to 600 m in advance of the start of the taper for sites with operating speeds in excess of 80 km/h. In addition, because the signing levels are minimised, extreme care must be taken to note any features of each specific work site which may reduce the effectiveness of the signs. In particular, vertical curvature and overhanging vegetation should be assessed. If there are adverse conditions and operating speeds are in excess of 80 km/h, or even 60 km/h signs, should be displayed in accordance with Figure 13.26. The requirements of Table 13.1 should be adhered to with regard to the minimum mounting height of temporary signs.

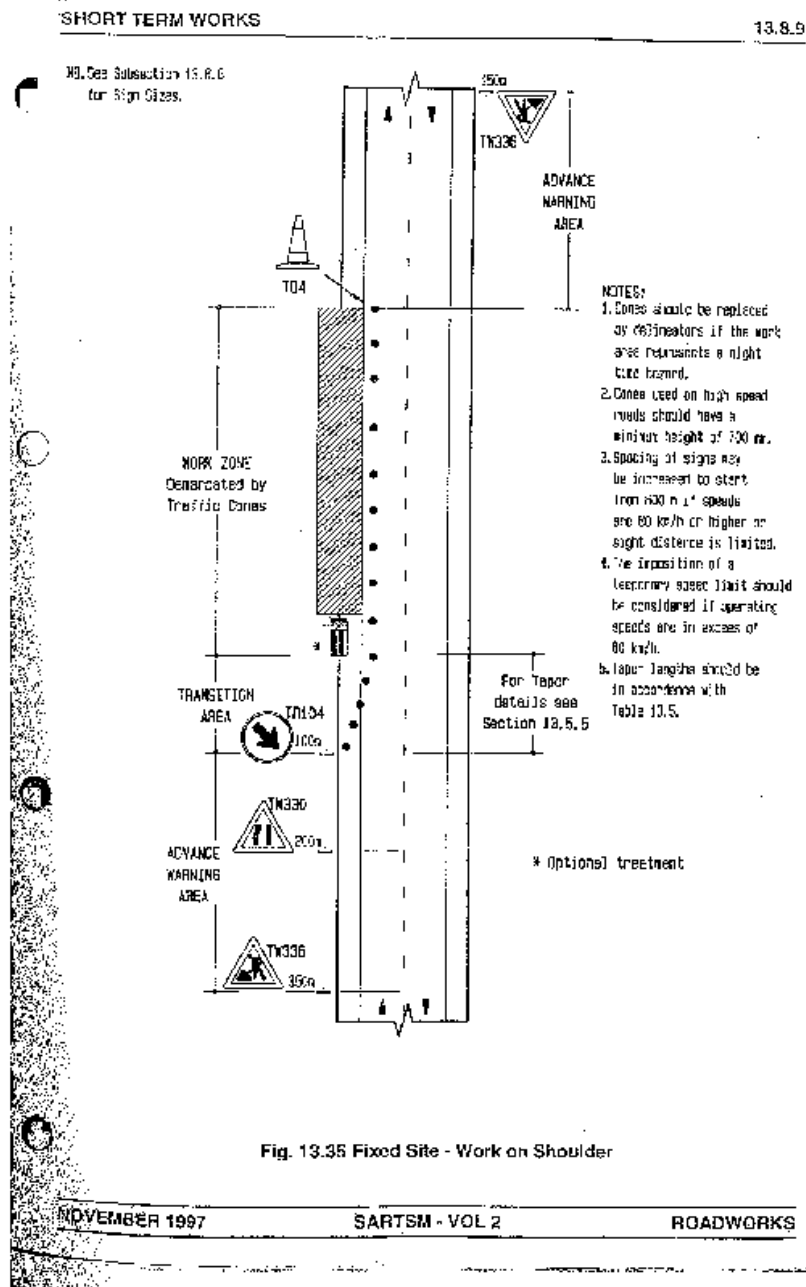
MAINTENANCE UNIT INVENTORY			
Sign	No	Size (mm)	Quantity
	TW336	1200	2
	TW330	1200	1
	TR104	1200	1
	TD4	450 750	15 Min. plus 10 per 100m site length
	TR201-80 TR201-60	1200	2 2

Checklist

- ☐ are operating speeds in excess of 80 km/h?
- ☐ does the unit have enough cones/delineators for correct spacings?
- ☐ does the unit have delineators or retroreflective sleeves for cones for night time use?
- ☐ is the site set up with adequately safe Buffer Zones (see Figure 13.20)?
- ☐ is there adverse vertical or horizontal curvature on the approach to the site?
- ☐ can signs be mounted higher to improve early warning of the site if required?

ANNEXURE C 2

Traffic accommodation for road reserve and on shoulders.



ANNEXURE C 3

Traffic accommodation for road reserve and on shoulders.

13.8.2

SHORT TERM WORKS

13.8.3 Maintenance in Road Reserve

1. This application represents the lowest signing level covered in this Chapter. This signing level is appropriate ONLY when the work concerned does not encroach closer to the edge of the roadway than the shoulder break point. Typical activities which might warrant this low level of signing are:
 - (a) verge grass-cutting;
 - (b) cleaning of side drains or cross drain inlets and outlets;
 - (c) fence repairs;
 - (d) electric post repair/maintenance/replacement.
2. As soon as workers are required to move closer to the travelled way, additional signing consistent with Figures 13.35, 13.36 or 13.41 to 13.43 should be used.
3. If the maintenance work gradually progresses along the road reserve, the TW336 signs should be moved forward with the work so that they are never more than 600 m from the work.
4. All workers should still be provided with the recommended bright clothing, even when working off the road edge (see Figure 13.30).
5. The sign inventory indicated is a maximum for the type of work concerned. Any work unit undertaking this type of work is likely to be a general maintenance unit and will probably have a minimum sign inventory consistent with most tasks in this section.

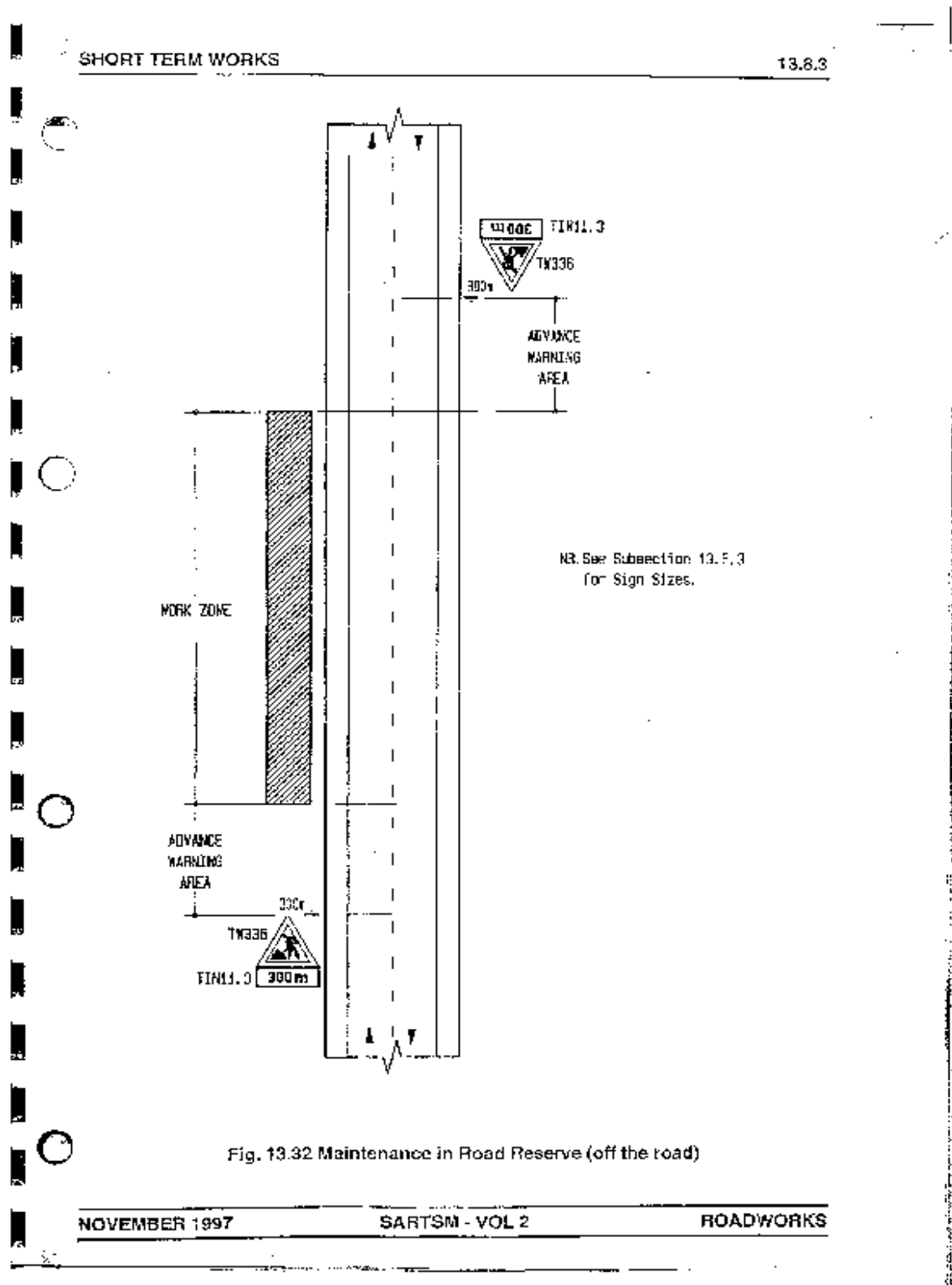
MAINTENANCE UNIT INVENTORY			
Sign	No.	Size (mm)	Quantity
	TW336	1200	2
	TIN 11.3	1200	4
	FLA65	450 X 600	2

Checklist

- ☐ Is the site set up with adequately safe duffer zones (see Figure 13.20)?
- ☐ Are workers likely to get within 3 m of passing vehicles?
- ☐ Is the maintenance unit vehicle and equipment well off the road?
- ☐ Can signs be clearly seen by approaching drivers - if not move them further out?
- ☐ Is a 'higher level' of signing appropriate to ensure worker and public safety?

ANNEXURE C 4

Traffic accommodation for road reserve and on shoulders.



MOGALE CITY LOCAL MUNICIPALITY



THE CONTRACT:

PART C4: SITE INFORMATION

C4.1 SITE

The site of works are situated throughout Mogale City as per the attached map.

C4.2 Nature of Ground and Subsoil Details

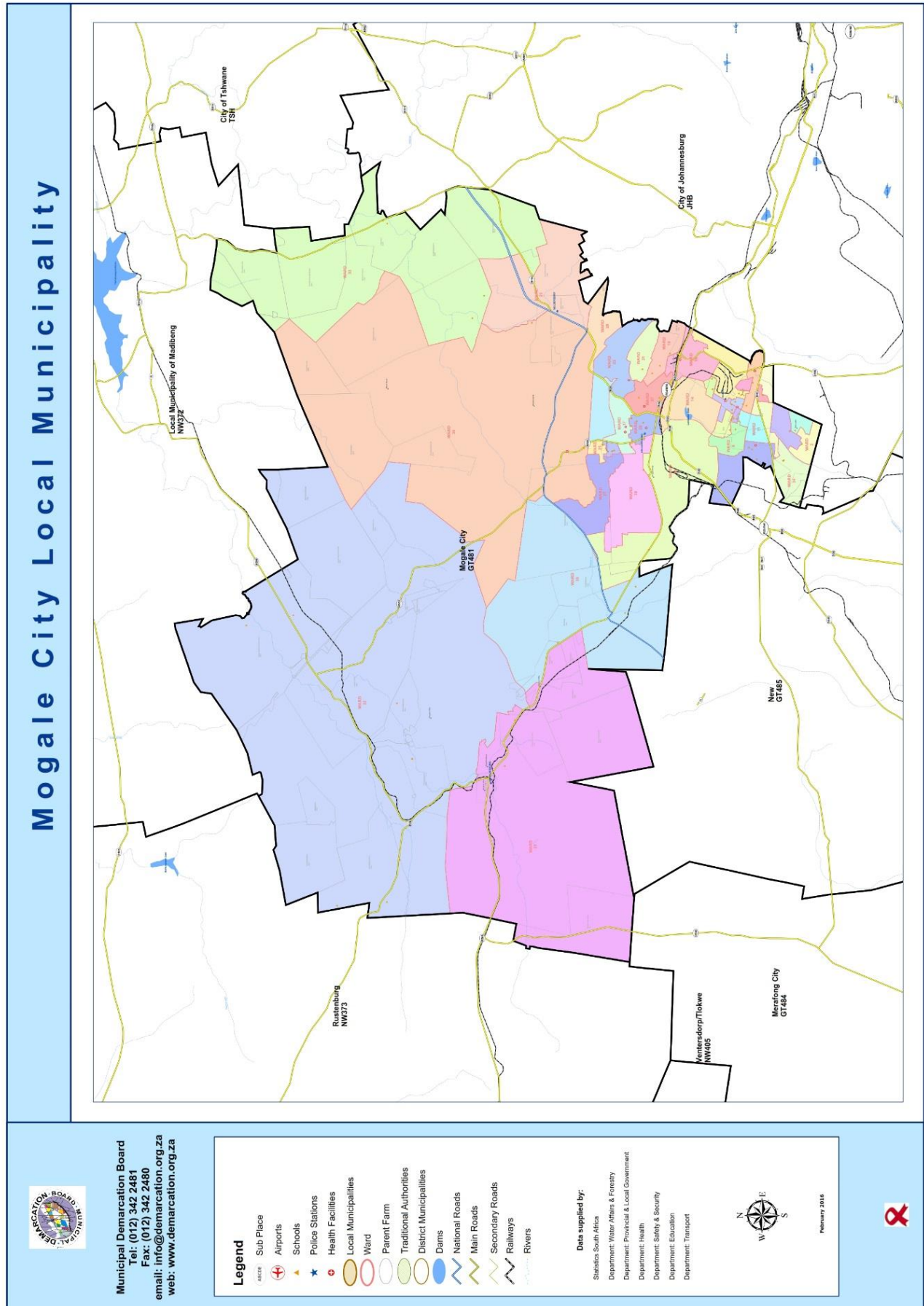
The insitu material of the existing gravel roads are of a good quality for road construction. The material is classified as intermediate for excavation purposes.

C4.3 Environmental Compliance

Where required, the Environmental Consultants to confirm that the proposed construction activity does not trigger any environmental compliance issues and that construction can proceed without a RoD.

C4.4 Landownership

The land forms part of a Municipal township.



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.	Certified copies of ID's for company/entity directors		
4.	Tax clearance certificate and copy of tax compliance status (TCS) document has been submitted – in the name of the bidding entity		
5.	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.		
6.	<p>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</p> <p>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.</p> <p>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;</p> <p>(Copy of the lease agreement will only be accepted if water and lights are part of lease payment).</p>		
7.	<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. 		
8.	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.		

Part C4: Site Information

9.	All pages requiring information have been completed in full and in black ink.		
10.	No pages removed from the tender document		
11.	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.		
12.	JV agreement has been attached and signed (if applicable)		
13.	Bidder must attach the Central Supplier Database (CSD) registration summary report.		
14.	Pricing Schedule must be signed		
15.	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.		
16.	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 		
17.	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.		

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.