



CONTRACT NO: 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

PROJECT DOCUMENT

ISSUED BY:

ROADS AND STORMWATER
Midvaal Local Municipality

P.O.BOX 9
MEYERTON

GAUTENG
1960

TEL: 016-360-7400

FAX: 086 502 0523

NAME OF TENDERER:

CONTRACTOR CIDB GRADING:

ADDRESS:

.....

TEL: EMAIL:

CONTACT PERSON: CSD: MAAA.....



**CIDB FORMAT DOCUMENT
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MIDVAAL LOCAL MUNICIPALITY

BID NO. 8/2/9/37 TCE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

PART 1. TENDER PROCEDURE



MIDVAAL LOCAL MUNICIPALITY

BID NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

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BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

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MIDVAAL LOCAL MUNICIPALITY

BID NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR:

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

T1.1 TENDER NOTICE AND INVITATION TO TENDER

T1.1 TENDER NOTICE AND INVITATION TO TENDER

The Midvaal Local Municipality invites tenders for the following:

BID NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

Employer Tender Number: 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

CIDB Reference Number: 100116721

It is estimated that tenderers should have a CIDB contractor grading of 7CE or higher. 6CE Potentially Emerging Enterprises who satisfy criteria stated in the Tender Data may submit Tender offers.

Preferences are offered to tenderers who have suitable experience and suitably qualified employees and resources to render the services.

The council reserves the right to accept any bid or part thereof and does not bind itself to accept the lowest or any bid and not to consider any bid not suitably endorsed or comprehensively completed.

Bids completed in pencil or re-typed will be regarded as invalid bids.

Bids must also be submitted in full, i.e. with all pages attached, failure thereof will result in your bid being disqualified.

SPECIFIC GOALS & POINTS:

- Local Enterprise: 5 Points
- B-BBEE: 5 Points

IMPORTANT INFORMATION:

Midvaal Local Municipality hereby requests all bidders to take note of the following process relating to bid documents requests and clarification notes:

1. No faxed or e-mailed tenders will be accepted.
2. All tenders must be submitted on the official forms (not to be re-typed). Only original signed tender documents will be accepted.
3. Bids must be completed in black ink. No correction fluid will be allowed. All alterations must be crossed out and initialled.
4. Where a compulsory briefing session is required, it is the onus of the bidder to attend and arrive in time. Late arrivals will not be allowed to sign the attendance register and will be deemed to be absent. No bids will be considered from bidders who did not attend the briefing session.
5. Midvaal Local Municipality will not accept any bid with missing pages and not fully completed with the required attachments.
6. Bids will be evaluated and adjudicated according to the following criteria:
 - a) Relevant specifications and technical proposals
 - b) Value for money
 - c) Capability to execute the contract.
 - d) Midvaal SCM Policy, Preferential Procurement Policy and any other relevant legislations
 - e) Supporting documents where required

7. Details of the specific goals' allocation are demonstrated in the bid document.

Only tenderers who have read and signed the provisions of the rules and specifications which are included in the bid documents are eligible to submit tenders.

A non-refundable tender deposit of R1,003.30 payable by proof of deposit or cash is required on collection of the Tender documents. These prices are applicable to formal bids only, and purchases are to be made at the rates and taxes hall during office hours Monday – Friday, 07:30 – 15:00 or alternatively direct deposits (no cheques accepted) to:

- Midvaal Local Municipality,
- Bank: Nedbank,
- Account Number: 1224797469,
- Branch: Public Sector - Central Gauteng

NB: Please use the bid/tender number as reference and remember to bring proof of payment for collection of bid documents.

Alternatively, bidding documents may be requested via tenders@midvaal.gov.za. The bidding document will be sent to the requesting bidder free of charge.

The bid document will also be made available for download on the National Treasury e-Tenders portal (etenders.gov.za). Bidders using this option are hereby advised to monitor the portal regularly for updates and uploaded addendum documents during the time the bid is advertised. It is the responsibility of the bidder to ensure that they are up to date with all issued documents.

Bids are to be sealed in an envelope marked with the relevant bid number and description as indicated on the bidding documents and are to be placed in the tender box situated at:

Block A – Ground Floor,
25 Mitchell Street,
Meyerton,
1961

Bids are to be submitted between 07:30 and 16:00, Mondays to Fridays, prior to the closing date and time. No late submissions will be considered.

Queries relating to the issues of these documents may be addressed to:

Financial services

Tel No. 0163607453

E-mail. tenders@midvaal.gov.za

Or

Public safety and roads services

Tel No. 0104962625

E-mail. tenders@midvaal.gov.za

A compulsory clarification meeting with representatives of the Employer will take place at Midvaal Local Municipality, Meyerton Town Hall on 28 May 2026 starting at 14h00.

The closing time for receipt of Tenders is 10h00 on Thursday, June 18, 2026.

Emailed and Late Tenders will not be accepted.

Tenders may only be submitted on the tender documentation that is issued.

Requirements for sealing, addressing, delivering, opening and assessment of Tenders are stated in the Tender Data.



T1.2 PROJECT DESCRIPTION

MIDVAAL LOCAL MUNICIPALITY

BID NO. 8/2/9/37 TCE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

T1.2 DESCRIPTION OF THE WORKS

The scope of works involves rehabilitation of roads within the Midvaal Local Municipality area. This also includes, but not limited to, resealing, reconstruction of pavement layer works, pavement milling, recycling pavement layer works, resurfacing, overlay and replacement of broken kerbs and cleaning of outlets and inlet storm water structures or any other fixtures to manage storm water.

In addition to the stated Employer's objectives above, MLM aims to deliver public infrastructure using labor-intensive methods where possible as required by the Expanded Public Works Programme to provide temporary employment opportunities to local unemployed people and to provide training or skill development to these locally employed workers. The works in this contract are to be executed by using both conventional and labor-intensive construction methods according to the Special Public Works Programme (EPWP).

It must be noted that an established contractor, in terms of the prescribed category of CIDB Grade 7CE/6CEPE or higher, will be appointed. Only certain components of the project will be executed in terms of the guidelines and requirements of the EPWP, and this will be done at project award.

The Contractor must familiarize himself/herself with the above-mentioned requirements and price the document accordingly. Allowance in pricing must be made for the Labour-Intensive Works.

The Midvaal Local Municipality (MLM) requires the contractor to undertake the rehabilitation of roads inclusive of storm water drainage structures.

The purpose of this contract is to appoint a contractor that meet the requirements of this tender process to undertake but not limited to:

- i) Rehabilitation of roads; by resealing or re surfacing
- ii) Re- construction of pavement layer/s.
- iii) Repairing, replacing, and cleaning of existing storm water drainage structures.
- iv) Patchwork and edge breaking.
- v) Repairing and or replacing of guardrail and related infrastructure.
- vi) Pavement Milling and recycling pavement layer works.
- vii) Road Marking and Installation of Road Signs.
- viii) Cleaning of site.



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T1.3 TENDER DATA

T1.3 TENDER DATA

Clause number	
	<p>The conditions of tender are the Standard Conditions of Tender as contained in Annex F of SANS 294, Construction Procurement Processes, Procedures and Methods. (See Volume 3 The Contract, Part 5 Annexures – C5.1 Standard Conditions of Tender Annex F).</p> <p>The standard conditions of tender for procurements 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.</p> <p>Each item of tender data given below is cross-referenced to the clause in the standard conditions of tender to which it mainly applies.</p>
F.1.1	The employer is the Midvaal Local Municipality

	<p><u>Part 2: Pricing data</u></p> <p>C2.1 Pricing instructions</p> <p>C2.2 Schedule of Quantities</p> <p><u>Part 3: Scope of work</u></p> <p>C3.1: Description of the Works</p> <p>C3.2: Engineering</p> <p>C3.3: Procurement</p> <p>C3.4: Construction (Work Specification)</p> <p>C3.5: Management</p> <p><u>Part 4: Site information</u></p> <p>C4 .1 Extend of Site</p> <p>C4 .2 Geotechnical information</p> <p>C4 .3 Locality Plan</p> <p><u>Part 5: Annexures (Bound Separately)</u></p> <p>C5.1 SANS 294: Standard Conditions of Tender (Annex F)</p> <p>C5.2 Specification for Occupational Health and Safety</p>
<p>F.1.4</p>	<p>The Employer's agent is:</p> <p>Name: To be confirmed</p> <p>Address: To be confirmed</p>

<p>F 2.1</p>	<p>Only those tenders who are registered with the CIDB 7CE/6CEPE or higher; or are capable of being so registered within 10 working days from the closing date for submission of tenders, in a contractor grading designation equal to or higher than a contractor grading designated in accordance with the sum tendered for a Civil Engineering (CE) class of construction work, are eligible to submit tenders.</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <ol style="list-style-type: none"> 1 The lead partner has a contractor grading designation for the class of construction work being applied for. 2 The combined contractors grading designation calculated in accordance with the Construction Industry Development Regulation is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for in the class of construction work, are eligible to submit tenders.
<p>F.2.1.1</p>	<p>Only those bidders who satisfy the following eligibility criteria are eligible to submit bids:</p> <ol style="list-style-type: none"> (a) Availability of resources (b) Availability of skills to manage and perform the contract – including staff which satisfies EPWP requirements (if applicable) (c) Previous experience of contracts of a similar value and nature (d) A letter on the company's letterhead stating that the contractor has sufficient capacity to execute the project
<p>F2.2 Cost of Tendering</p>	<p>The Employer will not compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the Employer.</p>

F.2.7	<p>The arrangements for the tender clarification are:</p> <ul style="list-style-type: none"> • A compulsory clarification meeting with representatives of the Employer will take place at Midvaal Local Municipality, Meyerton Town Hall on 28 May 2026 starting at 14h00. • Bidders will be given an opportunity to ask questions/clarifications by sending an email to tenders@midvaal.gov.za from the 17th of May 2026 until 1st of June 2026 end-of-business. Please quote the Bid No. on the subject line). • The municipality will respond to all received queries/clarifications by the 1st of June 2026 end-of-business.
F.2.8	<p>Two-envelope procedure will not be followed.</p> <p>Tenders will be opened in public soon after closing time and recording of received documents will be done. Tenderers' name and total prices offered in the form of offer and acceptance will be read out.</p>
F.2.9	<p>The closing time for receipt of Tenders is 10h00 on Thursday, June 18, 2026.</p> <p>The Midvaal Local Municipality is not obliged to accept the lowest or any tender and reserves the right to accept any tender in whole or in part.</p>
F.2.10	<p>Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.</p>
F.2.11	<p>The tender offer validity period is 90 days.</p>
F.2.12	<p>The Tenderer shall, when requested by the Employer to do so, submit the names of all management and supervisory staff that will be employed to supervise the labor-intensive portion of the works together with satisfactory evidence that such staff members satisfy the eligibility requirements.</p>
F.2.14	<p>The Tenderer is required to submit with his tender:</p> <ol style="list-style-type: none"> 1) A Certificate of the Contractors Registration issued by the Construction Industry Development Board or a copy of the application Form for Registration in terms of the Construction Industry Development Board Act (Form F006) 2) Refer to Part T2.1 of this Procurement Document for a list of all additional documents that are to be returned with the tender. 3) Registration with Central Supplier Database (CSD).

<p>Add the following new clause <i>F.2.15</i></p>	<p>Canvassing and obtaining additional information by tenderers</p> <p>The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon.</p> <p>The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.</p>
<p>Add the following new clause <i>F.2.16</i></p>	<p>Prohibitions on awards to persons in service of the state</p> <p>The Employer is prohibited to award a tender to a person -</p> <ol style="list-style-type: none"> a) who is in the service of the state; or b) if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or c) a person who is an advisor or consultant contracted with the municipality or municipal entity. <p>In the service of the state means to be -</p> <ol style="list-style-type: none"> a) a member of: - <ul style="list-style-type: none"> • any municipal council. • any provincial legislature; or • 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. e) provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999). f) a member of the accounting authority of any national or provincial public entity; or g) an employee of Parliament or provincial legislature. <p>In order to give effect to the above, the questionnaire for the declaration of interest in the tender of persons in service of state in part T2 of this procurement document must be completed.</p>
<p><i>F.3.1</i></p>	<p>The time and location for opening of the tender offers are:</p> <p>18 June 2026 at 10am on the ground floor (north wing) of the Midvaal Local Municipality, 25 Mitchell Street, Meyerton, 1961</p>

F.3.2	Arithmetical errors, omissions, and discrepancies
F.3.2.1	<p>Check the highest ranked tenders or tenderers with the highest number of tenders. evaluation points after the evaluation of tender offers in accordance with F.3.11 for:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.
F.3.2.2	<p>The arithmetical errors shall be corrected in the following manner:</p> <ul style="list-style-type: none"> 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 of bills of quantities apply) to achieve the tendered total of the prices. <p>The Tender Offer will be rejected if the tenderer does not correct or accept the Correction of the arithmetical error in the manner described above.</p>

F.3.3

The procedure for the evaluation of responsive tenders is Method 2

The financial offer will be scored using Formula 2 (option 1) where the value of W_1 is 90 where the financial value inclusive of VAT of all responsive tenders received have a value more than R50, 000, 000.00.

Up to 10 tender evaluation points will be awarded to Tenderers who complete the referencing schedule and who are found to be eligible for the preference claimed.

The formula to be used to calculate the points for price is as follows:

$$\text{Formula A: } N_p = 90 \times \left(1 - \frac{P_t - P_{min}}{P_{min}}\right)$$

- N_p = Points scored for comparative price of bid/offer under consideration
- P_t = Comparative price of bid under consideration
- P_{min} = Comparative price of lowest acceptable bid/offer

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:

GOAL	WEIGHT		REQUIRED PROOF	SUBMITTED (TICK)	
				Yes	No
Local Enterprise (5 points)	5 Points, if the business operates within the jurisdiction of Midvaal Local Municipality		<input type="checkbox"/> Rates and Taxes statement in the name of the business, or that of its director(s); OR <input type="checkbox"/> Confirmation of the company's director(s) ward and voting district as per the IEC (Independent Electoral Commission of South Africa).		
	3 Points, if the business operates outside Midvaal but within the Sedibeng District jurisdiction				
	1 Points, if the business operates outside the Sedibeng jurisdiction				
	0 points for non-submission				
	B-BBEE Status Level of Contributor	Number of points (90 / 10 system)	B-BBEE certificate: - issued by the DTIC (The Department of Trade and Industry and Competition) through CIPC; OR - from an accredited		
	1	5			
	2	4			
	3	3			
	4	2			
	5	1			
	6	0			

	7	0	institution registered with SANAS; OR a valid sworn affidavit, as issued by the DTIC		
	8	0			
F.3.3.1	<p>Bid offers will only be accepted on condition that:</p> <ul style="list-style-type: none"> a) the bidder is registered with the Construction Industry Development Board in an appropriate contractor grading designation. b) the bidder or any of its directors is not listed in the Register of Bid Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector; and c) the bidder has not: <ul style="list-style-type: none"> i. abused the Employer’s Supply Chain Management System; or ii. failed to perform on any previous contract and has been given a written notice to this effect; and d) Has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the bidder’s ability to perform the contract in the best interests of the employer or potentially compromise the bid process. 				
F.3.3.2	<p>Evaluation Criteria:</p> <ul style="list-style-type: none"> i) This Project is estimated to have a cost of over R50, 000, 000.00 and consequently the Tender proposals will be evaluated in accordance with the 90/10 preference point system, as contemplated in the Preferential Procurement Policy Framework Act (Act 5 of 2000). ii) The points out of 90 will be calculated based on price and 10 points on Local Enterprise and BBB-BEE status as shown below. <p style="margin-left: 20px;">SPECIFIC GOALS & POINTS:</p> <ul style="list-style-type: none"> ▪ Local Enterprise: 5 Points ▪ B-BBEE: 5 Points iii) Experience of the Company and Project Team in terms of the stated requirements of the project. iv) Track record/potential of the tendering company/firm to serve as a stable contractual partner. v) Price as per proposal submission vi) Local Enterprise and B-BBEE Preference Benefit only the bidders who passed the functionality and Financial Plans will be evaluated for award of the contract. vii) The point out of 10 will be allocated as contemplated in (MBD 6.1) in the Preferential Procurement Policy Framework Act, and 2022 regulations. viii) The evaluation of Bids will be undertaken in terms of the MFMA. <p>The tender process requires the technical and pricing proposals to be submitted. Weighting with respect to response evaluation will be applied according to the following broad guidelines:</p> <p>Section A: Supply Chain Management Pre-Compliance</p> <p>Bidders must submit the following documents. Failure to submit these forms will lead to disqualification of your bid.</p>				

	<p>i) Attendance of compulsory briefing session. Briefing Session Attendance register will be used as a proof of attendance.</p> <p>ii) Signed all pages of Tender document.</p> <p>iii) All required certificates attached:</p> <ul style="list-style-type: none"> • Completed and signed MBD 1 • A unique security personal identification number (PIN) issued by the South African Revenue Services • Current municipal rates for the Entity and all Directors of the entity not older than 90 days and not more than 3 months in arrears (submit proof of lease agreement where premises are rented and latest invoice). • Completed and signed Declaration of interest (MBD 4). • Complete and signed Declaration of Procurement above R10 Million (all applicable taxes included) (MBD 5). • Complete and signed declaration certificate for local production and content for designated sectors (MBD 6.2). • Complete and signed contract form purchase of good/works (MBD 7.1). • Complete and signed Declaration of Bidders past Supply Chain Practices (MBD 8). • Completed and signed Certificate of Independent Bidder determination (MBD 9). • Proof of valid registration with CIDB • Certified Joint Venture Agreement (In case of Joint Ventures and Consortium, if applicable) • Latest three year audited financial statements (In case of Close Corporation Financials must be signed by the Managing Member of the CC). <p>FAILURE TO COMPLETE AND SUBMIT THE ABOVE DOCUMENTS WILL RESULT IN THE BID BEING DISQUALIFIED]</p> <p><u>Additional Compulsory Pre-Compliance Submissions</u></p> <ul style="list-style-type: none"> • Valid COID certificate issued by the Department of Labour. • Original or Certified Copy of B-BBEE Certificate issued by SANAS accredited verification agent (MBD 6.1) or an Affidavit for Service Providers with the turnover below R 10 million.
F.3.4	<p>The number of paper copies of the signed contract to be provided by the employer is ONE.</p>

F.3.11.3 EVALUATION CRITERIA

The purpose of the evaluation is to ensure and promote compliance with the Constitution, specifically Section 217, which provides that when organs of state contracts for goods or services, they must do so in accordance with a system which is fair, equitable, transparent, competitive, and cost-effective. The evaluation for this bid will be carried out in terms of Regulation 28, read together with Regulation 38, 43 and 44 of the Municipal Finance Management Act's ("MFMA") Supply Chain Management Regulations.

The evaluation of bids will be undertaken in terms of the MFMA.

The bid will be evaluated in three phases:

1. Phase 1
 - 1.1. Certificate of undertaking

Bidders must sign the certificate of undertaking below as confirmation that all the required plant listed below will be made available by the successful bidder upon appointment/award of tender. Failure to fill in the form of undertaking below will result in bidder not being evaluated further.



CERTIFICATE OF UNDERTAKING

I, the undersigned, submitting the accompanying bid:

BID 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029): BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

in response to the invitation for the bid made by:

Midvaal Local Municipality, 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 will ensure that all plant and equipment indicated in the table below will be made available by myself (the bidder) upon award of contract for the entire duration of the contract as and when required for the purpose of executing the works. In the event of not owning the plant and / or equipment I will lease the required plant and equipment for use on an as and when required basis.

Description
1x Grader
1xWater Truck (10 000Lt minimum)
2xTipper Trucks (6m3 minimum)
1x Tractor Loading Backhoe (TLB)
1x Asphalt paver
1x Pneumatic roller
1x smooth compaction vibrating roller (10 ton minimum)

2. It is my (the bidder's) responsibility to ensure that all plant and equipment available will be in good working condition.

3. All rates must include 15% VAT.

.....

Signature Date

.....

Position Name of Bidder

2. Phase 2: Technical (Functional) Evaluation
- 2.1. Technical Evaluation

Functional Evaluation Criterion

The Bidders who fulfil the Pre-Qualifying Criteria will be evaluated for Phase Two: Technical (Functionality) Criteria as shown in the following table below: -

The maximum points allocation per criterion is summarized in the following table:

CRITERION	MAXIMUM POINTS TO BE ALLOCATED
Company Experience	30
Experience of Key Staff	30
TOTAL	60

Bidders must score a minimum of 35 points of the functionality points to be evaluated further.

Company experience

Bidders are required to submit appointment letters and corresponding completion certificates. Failure to supply both the appointment letters and the corresponding completion certificates as required will mean that the project will not be contributing to the experience of the company. Bidders who do not meet the minimum qualifying points will not be evaluated further.

Criteria	Max points	Description of requirements	Points Allocation		Minimum Qualifying Points
Company Experience	30	Bidders to submit both appointment letters and corresponding completion certificates indicating previous experience in road construction or road rehabilitation projects, within the last 10 years. The combined value of the projects must indicate an accumulative sum of R14 million or greater. Note: The project value can either be indicated on the appointment letter or the completion certificate. Various completion certificates submitted under one appointment letter will each be considered as separate	0 Projects Completed	0 points	20
			1 to 2 Projects Completed	10 points	
			3 to 5 Projects Completed	20 points	
			6 and above Projects Completed.	30 points	

	<p>projects, provided that each certificate clearly relates to a distinct completed project.</p> <p>Projects where bidders were subcontracted will only be accepted if both the appointment letter and the completion certificate of the main contractor and the subcontractor are attached, and the value of projects is equal to or greater than R14 million.</p>			
--	---	--	--	--

Experience of Key Staff

Bidders must Provide copies of their CV's and qualifications for their key staff in order to obtain points. Failure to submit the required documentation will result in the bidder not being awarded points.

Site Agent (Total Points 10) - Bidders must score a minimum of 5 qualifying points in order to be evaluated further.

Scoring	Points	Site Agent
Very Poor	0	Less than 1 year's roads construction or roads rehabilitation experience and/or no qualification.
Poor	3	Bidders to submit NQF level 6 or above in Civil Engineering tertiary qualification with 1 to less than 3 years roads construction or road rehabilitation experience.
Good	5	Bidders to submit NQF level 6 or above in Civil Engineering tertiary qualification with 3 to less than 5 years roads construction or road rehabilitation experience.
Very Good	10	Bidders to submit NQF level 6 or above in Civil tertiary qualification with 5 years and above roads construction or road rehabilitation experience.

* Experience refers to construction of roads or roads rehabilitation.

Site Foreman (Total Points 10) - Bidders must score a minimum of 5 qualifying points in order to be evaluated further.

Scoring	Points	Site Foreman
Very Poor	0	Less than 1 year's roads construction or roads rehabilitation experience and/or no qualification. OR Less than 4 years' experience in roads construction or rehabilitation without academic qualifications.
Poor	3	Bidder to submit NQF level 4 or above academic qualification with 1 to 2 years' experience in roads construction or rehabilitation.

		OR 4 to 9 years' experience in roads construction or rehabilitation without academic qualifications.
Good	5	Bidders to submit NQF level 4 or above academic qualification with 3 to 4 years' experience in roads construction or roads rehabilitation. OR 10 to 15 years' experience in roads construction or rehabilitation without academic qualifications.
Very Good	10	Bidders to submit NQF level 4 or above academic qualification with 5 years and above in road construction or roads rehabilitation. OR Over 15 years in roads construction or roads rehabilitation without academic qualifications.

* Experience refers to construction of roads or roads rehabilitation for the Site Foreman.

*Attach CV and qualifications of NQF level 4 or above.

Safety Officer (Total Points 10) - Bidders must score a minimum of 5 qualifying points in order to be evaluated further.

Scoring	Points	
Very Poor	0	Less than 1 year's construction experience and/or no qualification.
Poor	3	Bidders to submit NQF level 5 qualification or above in Occupational Health & Safety or Safety Management with 1 to less than 3 years' experience in construction.
Good	5	Bidders to submit NQF level 5 qualification or above in Occupational Health & Safety or Safety Management with 3 to less than 5 years' experience in construction.
Very Good	10	Bidders to submit NQF level 5 qualification or above in Occupational Health & Safety or Safety Management with 5 years' experience or above in construction.

*Experience refers to construction for the Safety Officer.

*Attach CV and Qualification of NQF level 5 or above in Occupational Health & Safety or Safety Management

Note: The bidders need to score a minimum of **35 points** to be evaluated further.

Phase 3: Financial Offer, B-BBEE and Specific Goals

The Financial Offer, B-BBEE and Specific Goals of the Bidders who scored a minimum of 35 points for Functionality Criteria will be evaluated further.

3 AWARD OF BID

The MIDVAAL LOCAL MUNICIPALITY reserves the right, at its discretion, to award the bid to:

- a) Not the lowest bidder
- b) Not the highest scoring bidder.
- c) Not any bidder at all
- d) In part / by item to various bidders, if so required
- e) In the event of multiple bids for similar scope of works, the MLM reserves the right to appoint more than one bidder for such similar work.
- f) Successful bidders may be subjected to security vetting process and clearance before considered for an award by the MLM.
- g) MLM reserves the right to negotiate rates with successful bidders before award.
- h) Contractors will be issued with purchase orders on an as and when required basis.
- i) This will be a rate-based tender.



MIDVAAL LOCAL MUNICIPALITY

BID NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

T1.4 SCHEDULE OF CONTRACT DOCUMENTS

T1.4 SCHEDULE OF CONTRACT DOCUMENTS

The following documents form part of this Contract:

THE TENDER (VOLUME 1)

PART 1: TENDER PROCEDURE

SANS 294: 2004 – Standard Conditions of Tender (Annex F). This publication is available from Standards South Africa (a division of SABS) Tel (012) 428-6929/33.

THE TENDER (VOLUME 2)

PART 2: RETURNABLE DOCUMENTS AND SCHEDULES

Schedule of Returnable documents

THE CONTRACT (VOLUME 3)

PART 1: AGREEMENT AND CONTRACT DATA

The General Conditions of Contract for Construction Works, Third Edition (2015), published by the South African Institution of Civil Engineering. This publication is available from the South African Institution of Civil Engineering (Tel: (011) 805-5949).

PART 2: PRICING DATA

The pricing Data and Schedule of Rates.

PART 3: SCOPE OF WORKS

The Standard Specifications for Road and Bridge Works for South African Road Authorities (COTO) published by The South African National Roads Agency SOC Limited. The Draft Standard (DS) Chapters is available for download on the South African National Roads Agency SOC Ltd (SANRAL) and Department of Transport websites.

THE CONTRACT DRAWINGS (VOLUME 4)

To be confirmed during Construction.



MIDVAAL LOCAL MUNICIPALITY

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FOR

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THE TENDER (VOLUME 2)

PART 2. RETURNABLE DOCUMENTS AND SCHEDULES



MIDVAAL LOCAL MUNICIPALITY

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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

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STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

T2.1 LIST OF RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

1. Returnable Schedules required for tender evaluation purposes

The following Forms as must be completed by Tenderer for evaluation purposes:

FORM A	INVITATION TO BID (MBD 1)
FORM B	RECORD OF ADDENDA TO BID DOCUMENTS
FORM C	VENDOR NUMBER REGISTRATION WITH CENTRAL SUPPLIER DATABASE
FORM D	AUTHORITY OF SIGNATURE
FORM E	TAX COMPLIANCE (MBD2)
FORM F	BIDDER'S FINANCIAL REFERENCE AND RATINGS
FORM G	PREFERENCE SCHEDULE (MBD 6.1)
FORM I	PROOF OF REGISTRATION WITH CIDB
FORM J	DECLARATION OF INTEREST (MBD 4)
FORM K	MIDVAAL LOCAL MUNICIPALITY INDEMNITY
FORM L	DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES INCLUDED) (MBD 5)
FORM M	BIDDER'S PAST SUPPLY CHAIN PRACTICES (MBD 8)
FORM N	OHS ACT DECLARATION AND SUBMISSION
FORM O	CERTIFICATE OF INDEPENDENT BID DETERMINATION (MBD 9)
FORM P	DECLARATION OF MUNICIPAL RATES AND TAXES
FORM Q	CONSENT AND ACKNOWLEDGEMENTS IN TERMS OF THE PROTECTION OF PERSONAL INFORMATION ACT 2013 (POPI)
FORM R	DECLARATION OF BIDDERS LITIGATION HISTORY
FORM S	PLANT AND EQUIPMENT SCHEDULE
FORM T	CHECKLIST FOR DOCUMENTATION TO BE RETURNED
Section C1.4	DATA PROVIDED BY THE CONTRACTOR
Section C2.2	PRICING SCHEDULE
Section C2.2.1	SUMMARY SCHEDULE OF RATES OFFER

The following documentation is required to be used in the functional evaluation scoring:

FORM U	COMPLETED PROJECTS
FORM V	EXPERIENCE OF NOMINATED PERSONNEL
FORM W	LETTER OF COMMITMENT TO SUBMIT CONSTRUCTION METHODOLOGY, SAFE WORK PLAN AND QUALITY CONTROL PLAN.
FORM X	PERFORMANCE MANAGEMENT SYSTEM

2. Other documents required for tender evaluation purposes



If the Tenderer wishes to submit an alternative tender offer all information must be submitted as per clause F2.12 of the Tender Data as specified under Part 1: Tender Procedure.

3. Documents

Documents to be returned are:

- Tender Procedures (Volume 1)
- Returnable Documents and Schedules (Volume 2)
- The Contract (Volume 3 Parts 1, 2, 3, 4, and 5)
- A written proposal responding to Part 5, Annexures C5.2: Specification for Occupational Health and Safety contained in the Construction Specification, Part H in Volume 3 **IS NOT REQUIRED FOR NOW BUT HOWEVER THIS WILL BE REQUIRED BEFORE A SPECIFIC PROJECT AWARD BY MLM. BIDDERS SHOULD TAKE NOTE OF THIS REQUIREMENT!**



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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

T2.2 RETURNABLE SCHEDULES



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FORM A: INVITATION TO BID

MBD 1

MBD 1

MBD 1 – INVITATION TO BID

PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE MIDVAAL LOCAL MUNICIPALITY					
BID NUMBER:	8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029)	CLOSING DATE:	June 18, 2026	CLOSING TIME:	10h00
DESCRIPTION	BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2026				
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

Block A – Ground Floor,					
25 Mitchell Street,					
Meyerton,					
1961					
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: MAAA _____
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
[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]
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	FINANCE	CONTACT PERSON	PS & ROADS SERVICES:
CONTACT PERSON	Financial Services: SCM	TELEPHONE NUMBER	010 496 2625
TELEPHONE NUMBER	016 360 7453	FACSIMILE NUMBER	016 360 5914
E-MAIL ADDRESS	016 360 7519	E-MAIL ADDRESS	tenders@midvaal.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, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

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

3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

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

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS



SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.

**NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.
NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.**

SIGNATURE OF BIDDER:
CAPACITY UNDER WHICH THIS BID IS SIGNED:
DATE:



HAS AN ORIGINAL AND VALID SARS TAX PIN CERTIFICATE BEEN ATTACHED? **MBD 2**

HAS A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE BEEN SUBMITTED OR SWORN AFFIDAVIT ON DTI FORM FOR EME/QSE? **MBD 6.1**

YES	NO
-----	----

IF YES, WHO WAS THE CERTIFICATE ISSUED BY? (TICK APPROPRIATE BOX)

AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)

A VERIFICATION AGENCY ACCREDITED BY THE SA NATIONAL ACCREDITATION SYSTEM (SANAS)

A REGISTERED AUDITOR

AN AFFIDAVIT BY EME OR QSE

(A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE OR SWORN AFFIDAVIT ON DTI FORM FOR EME/QSE 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? (IF YES ENCLOSE PROOF)

YES	NO
-----	----

NAME.....

SIGNATURE
BIDDER.....

OF

DATE.....

CAPACITY UNDER WHICH BID IS
SIGNED.....



ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Midvaal Local Municipality (MLM)

Department: Supply Chain Management / Operations

E-mail address: tenders@midvaal.gov.za

ATTACH B-BBEE CERTIFICATE OR SWORN AFFIDAVIT AFTER THIS PAGE



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM B: RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communications received from the Midvaal Local Municipality or their Agent 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.		

Attach additional pages if more space is required.

Signature _____

Date _____

Name _____

Capacity _____

Tenderer _____



MIDVAAL LOCAL MUNICIPALITY

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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM C: VENDOR NUMBER REGISTRATION WITH CENTRAL SUPPLIER DATABASE

1. Bidders must submit Vendor Number Registration with Central Supplier Database
2. Failure to submit the Vendor Number Registration with Central Supplier Database may result with the bidder being disqualified.

ENTITY NAME.....

VENDOR NUMBER REGISTRATION

NAME.....

SIGNATURE OF BIDDER.....

DATE.....

CAPACITY UNDER WHICH BID IS SIGNED.....



MIDVAAL LOCAL MUNICIPALITY

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FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

FORM D: AUTHORITY FOR SIGNATORY

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

By resolution of the board of directors passed at a meeting held on 20.....

Mr/Ms

whose signature appears below, has been duly authorized to sign all documents in connection with the Tender for Contract No and any Contract which may arise therefrom on behalf of (block capitals)

SIGNED ON BEHALF OF THE COMPANY :

IN HIS/HER CAPACITY AS :

DATE :

SIGNATURE OF SIGNATORY :

WITNESSES : 1.

: 2.



MIDVAAL LOCAL MUNICIPALITY

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FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

FORM E: TAX COMPLIANCE.

CONDITIONS PERTAINING TO TAX

TAX CLEARANCE CERTIFICATE REQUIREMENTS

It is a condition of bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder’s tax obligations.

1. Any person who requires his or her tax compliance status to be disclosed to a government institution or department, for purposes of submitting a bid or to confirm its good standing after the phasing out of paper based TCCs must request a unique security personal identification number (PIN) from SARS.
2. Very important to note is that the disclosure of a bidder’s tax compliance status is an express condition for all acceptable Government bids. Failure to make the relevant disclosures will invalidate your bid and your response will be null and void.
3. The Government institution or department must use the PIN referred to above to verify a person’s tax compliance status with SARS.
4. Bidders to complete the table below and provide a unique security personal identification number (PIN) from SARS which will enable the MLM to access online real-time verification of a person’s tax compliance status with the electronic Tax Compliance Status (TCS) system. Failure to submit the PIN will result in the bid being disqualified.



Full name of bidder:	Electronic Tax Compliance Status System PIN No:

NAME.....

SIGNATURE OF
BIDDER.....

DATE.....

CAPACITY UNDER WHICH BID IS
SIGNED.....



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM F: BIDDER’S FINANCIAL REFERENCES AND RATINGS

FINANCIAL REFERENCES

(a). BANK RATING

1. It is requisite that a bank rating be obtained, bearing an original stamp by the relevant bank.

(b) FINANCIAL STATEMENTS

I/We agree, if required, to furnish an audited copy of the latest set of financial statements together with my/our Directors' and Auditors' report for consideration by the Employer.

(c) DETAILS OF COMPANY’S BANK

I/We hereby authorize the Employer/Engineer to approach all or any of the following banks for a reference:

DESCRIPTION OF BANK DETAIL	BANK DETAIL APPLICABLE TO COMPANY HEAD OFFICE	BANK DETAIL APPLICABLE TO THE SITE OF THE WORKS
Name of bank		
Branch name		
Branch code		
<i>Street address</i>		
<i>Name of manager</i>		



Telephone number	()	()
Account number		
Bank Rating		

SIGNED AT ON THIS DAY OF 20.....

SIGNED ON BEHALF OF BIDDER :

SIGNED BY BANK MANAGER :

DATE :

PLACE BANK STAMP HERE
 OR ATTACH BANK LETTER ON
 OFFICIAL LETTERHEAD TO THIS PAGE

NAME OF SIGNATORY :

NAME OF COMPANY :

AS WITNESSES : 1

: 2



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM G: PREFERENCE SCHEDULE (MBD 6.1)

MBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 90/10 preference point system.

- 1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

80/20

or

90/10

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

Where:

- Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

-
-

3.2.1. POINTS AWARDED FOR PRICE

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

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}}\right) & \text{or} & Ps = 90 \left(1 + \frac{Pt - P_{max}}{P_{max}}\right) \end{array}$$

Where:

- Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, 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,
 then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Local Enterprises	5	N/A		
BBB-EE Status	5	N/A		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited



- Non-Profit Company
 - State Owned Company
- [TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorized to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I 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 paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering 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 favorable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted 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, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

.....



MIDVAAL LOCAL MUNICIPALITY

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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM I: PROOF OF REGISTRATION WITH CIDB

1. Attach original or certified copy of CIDB registration certificate to this page.
2. In the case of a joint venture / consortium (excluding consulting engineering partners) parties must each attach original or certified copy of their CIDB registration certificate.

Firm	CRS Number	CIDB Grading	Lead Partner (Indicate with X)
Combined CIDB Grading for Joint Venture / Consortium:			

(Calculator is available at <https://registers.cidb.org.za/common/jvcalc.asp>)

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Person authorized to sign the bid:

Full name (in BLOCK letters): _____

Signature: _____

Date: _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6 CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

FORM J: DECLARATION OF INTEREST (MBD 4)

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 favoritism, 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 authorized 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:

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.

- 3.6 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

.....

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, principal 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, principal 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



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STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

FORM K: MIDVAAL LOCAL MUNICIPALITY INDEMNITY



MIDVAAL LOCAL MUNICIPALITY INDEMNITY

1. The Contractor hereby agrees to indemnify, hold harmless and defend Midvaal Local Municipality and their officers, employees, agents and representatives, from and against the following liabilities arising as a result of the execution of the work:
 - 1.1 Any liability with regard to claims by governmental authorities or others for non-compliance by Contractor of any Act of Parliament, law, ordinance, regulation or by-law made by a lawful authority provided that such compliance therewith was required for the execution of the Contract or at Law.
 - 1.2 Any liability arising from actual or alleged public or private nuisance arising out of negligent acts or omissions to act of Contractor or its Subcontractors, or of their employees.
 - 1.3 Any liability arising from loss or damage to Contractor and/or Subcontractor’s equipment and their other property on site.
 - 1.4 Any liability arising from claims with regard to the death of/or injury or sickness or disease to Contractor’ employees or the death of/or injury or sickness or disease to third parties.
 - 1.5 Any liability arising from any loss of/or damage to property belonging to a third party.
 - 1.6 Any liability arising from actual or asserted infringement or improper appropriation or use of patents, copyrights, proprietary information or know- how in respect of the work designed by/or under the responsibility of the Contractor.
 - 1.7 Any liability arising from the death or injury or loss or damage to property of third parties or Midvaal Local Municipality’s property as a result of the negligent acts or omissions of contractors or its subcontractor’s employees.
 - 1.8 Contractor shall indemnify Midvaal Local Municipality against all claims, proceedings, damages and costs of whatsoever nature arising out of contravention of environmental legislation.

I, _____ the undersigned (duly authorised to sign) hereby declare that I have read and understood the abovementioned and agree to all the above.

BIDDER’S AUTHORISED SIGNATORY:

Full Names and Surname:

Signature:



MIDVAAL LOCAL MUNICIPALITY

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FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

**FORM L: DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (ALL APPLICABLE TAXES
INCLUDED) (MBD 5)**



MBD 5 - DECLARATION FOR PROCUREMENT ABOVE R10 MILLION (VAT INCLUDED)

For all procurement expected to exceed R10 million (VAT included), bidders must complete the following questionnaire:

1. Are you by law required to prepare annual financial statements for auditing?

YES / NO

If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.

2. Do you have any outstanding undisputed commitments for municipal services towards a municipality or any other service provider in respect of which payment is overdue for more than 30 days?

YES / NO

If no, this serves to certify that the bidder has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days.

If yes, furnish particulars.

3. Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?

YES / NO

If yes, furnish particulars.

4. Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?



YES / NO

If yes, furnish particulars.

CERTIFICATION

I, THE UNDERSIGNED (NAME)

CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

SIGNATURE DATE

POSITION NAME OF BIDDER



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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM M: BIDDER’S PAST SUPPLY CHAIN PRACTICES (MBD 8)

- 1. Any bid may be rejected if that bidder or any of its directors have:**
 - abused the Municipality's/Municipal entity's supply chain management system or committed any improper conduct in relation to such system;
 - been convicted for fraud or corruption during the past five years;
 - willfully neglected, reneged on or failed to comply with any government, Municipal or other public sector contract during the past five years; or
 - been listed in the Register for Bid Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).

- 2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid:**

Item	Question	Yes	No
2.1	Is the Bidder any of its directors listed on the National Treasury's database as a company or persons prohibited from doing business with the public sector? (Companies for 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"/>
2.1.1	If so, furnish particulars:		
2.2	Is the Bidder or any of its directors listed on the Register for Bid 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 Bid 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"/>
2.2.1	If so, furnish particulars:		
2.3	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"/>
2.3.1	If so, furnish particulars:		



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FORM N: OHS ACT DECLARATION AND SUBMISSION

The Bidder declares himself to be conversant with the following:

1. All the requirements, regulations and standards of the Occupational Health and Safety Act (Act 85 of 1993), hereinafter referred to as “The Act”, together with its amendments and with special reference to the following Sections of The Act:
 - i) Section 8: General duties of Employers to their employees
 - ii) Section 9: General duties of Employers and self-employed persons to persons other than employees.
 - iii) Section 13: Duty to Inform
 - iv) Section 37: Acts or omissions by employees or mandatories
 - v) Sub-section 37(2) relating to the purpose and meaning of this Agreement
2. Construction Regulations, 2014 (Government Notice R.84) pertaining to the Contractor and to all his Subcontractors, or any amendments thereto.
3. Bid document Volume 5: Midvaal Local Municipality’s Specification for Occupational Health and Safety, including all the Annexures.
4. Bid document Volume 3: Project Specification PD: Supplement to Volume 5: Specification for Occupational Health and Safety.
5. Bid document Volume 3: C1.7 Agreement in terms of Occupational Health and Safety Act.

The Bidder declares that he has or will obtain the necessary knowledge, competence and resources to comply fully with all OHS requirements should he be awarded the contract.

The Bidder confirms that he has included with his bid a written proposal describing how he will comply with OHS requirements

Signature _____ Date _____
 Name _____ Capacity _____
 Bidder _____



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FORM O: CERTIFICATE OF INDEPENDENT BID DETERMINATION (MBD 9)

FORM O: CERTIFICATE OF INDEPENDENT BID DETERMINATION (MBD 9)

- 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. takes all reasonable steps to prevent such abuse;
 - b. rejects 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. cancels 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.



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
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. 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.
- 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

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.



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FORM P: DECLARATION OF MUNICIPAL RATES AND TAXES



FORM P: DECLARATION OF MUNICIPAL RATES AND TAXES

A Any bid will be rejected if:

Any municipal rates and taxes or municipal service charges owed by the bidder or any of the directors to the municipality or a municipal entity, or to any other municipality or municipal entity, are in arrears for more than ninety (90) days.

B Bid Information

- i. Name of bidder
- ii. Registration Number
- iii. Municipality where business is situated
- iv. Municipal account number (entity) for rates
- v. Municipal account number for water and electricity
- vi. Names of all directors, their ID numbers and municipal account number.
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.

C Documents to be attached.

- i. A copy of municipal account mentioned in B (iv) & (v) (Not older than 3 months)
- ii. A copy of municipal accounts of all directors mentioned in B(vi) (Not older than 3 months)
- iii. Proof of directors

I/We declare that the abovementioned information is true and correct and that the Following documents are attached to this form:

.....
.....

Signature

Date



MUNICIPAL SERVICES, RATES AND TAXES CLEARANCE CERTIFICATE FOR SUPPLY CHAIN MANAGEMENT PURPOSE

The purpose of this form is to obtain prove that municipal services, rates and taxes of the service provider are **not more than three months in arrears** with the relevant municipality / landlord in the municipal area where the service provider conduct his / her business.

Where bidders are not owners of a property and cannot submit a copy of the municipal account, the following must be completed together with a duly signed lease agreement:

(TO BE COMPLETED BY THE LANDLORD)		
Name of the Landlord:		
Property Physical Address:		
Please tick below	Yes	No
Rental: in arrears for more than 3 months	<input type="checkbox"/>	<input type="checkbox"/>
Municipal services: in arrears for more than 3 months	<input type="checkbox"/>	<input type="checkbox"/>
Landlord Signature:		
Date: _____		
Landlord's business stamp here (where applicable)		

MUNICIPAL SERVICES, RATES AND TAXES CLEARANCE CERTIFICATE, OR LEASE AGREEMENT MUST BE ATTACHED BEHIND THIS PAGE.



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

**FORM Q: CONSENT AND ACKNOWLEDGEMENT IN TERMS OF THE PROTECTION OF PERSONAL
INFORMATION ACT 2013 (POPI)**

**CONSENT AND ACKNOWLEDGMENTS IN TERMS OF THE PROTECTION OF PERSONAL INFORMATION ACT
2013 (POPI).**

This section sets out how personal information will be collected, used and protected by Midvaal Local Municipality hereinafter referred to as “MLM”, as required by the Protection of Personal Information Act. The use of the words “the individual” for the purposes of this document shall be a reference to any individual (bidder) communicating with MLM and/or concluding any agreement, registration or application, with the inclusion of each of those individuals referred to or included in terms of such agreement, registration or application.

1. What is personal information?

The personal information that MLM requires relate to names and surnames, birth dates, identity numbers, passport numbers, demographic information, education information, occupation information, health information, addresses, memberships, and personal and work email and contact details.

2. What is the purpose of the collection, use and disclosure (the processing) of personal information?

MLM is legally obligated to collect, use and disclose personal information for the purposes of:

- reporting MLM initiatives to the Gauteng Provincial Treasury and Sedibeng District Municipality;
- reporting to National Treasury all contracts awarded;
- obtaining information related to Tax Compliance information from SARS;
- Verifying information on the National Treasury database of defaulters;
- evaluating and processing applications for registration on the database;
- compiling statistics and other reports;
- providing personalised communications;
- complying with the law; and/or
- for a purpose that is ancillary to the above. Personal information will not be processed for a purpose other than what is identified (the purpose) above without obtaining consent beforehand.

3. How will MLM process personal information?

MLM will only collect personal information for the purpose as stated above. Information will be collected in the following manner:

- directly from the individual;
- from service providers who provided with services or goods to MLM.
- from MLM’s own records relating to previous supply of services or goods; and/or
- from a relevant public or equivalent entity.

4. To whom will personal information be disclosed?

The personal information may be disclosed to other relevant public or other entities on whose behalf we act as intermediaries, other third parties referred to above in relation to the purpose or who are sources of personal information, service providers such as professional bodies who operate across the borders of this country (transborder flow of information) where personal information must be sent in order to provide the information and/or services and/or benefits requested or applied for. In the event of another party/ies acquiring all of or a portion of MLM’s mandate or functions, personal information will be disclosed to that party, but they will equally be obliged as we are, to protect personal information in terms of this policy and the law.

5. Consent and Permission to process personal information:

I hereby agree with the policy and provide authorisation to MLM to process the personal information provided for the purpose stated.

- I understand that withholding of or failure to disclose personal information will result in MLM being unable to perform its functions and/or any services or benefits I may require from MLM.
- Where I shared personal information of individuals other than myself with MLM I hereby provide consent on their behalf to the collection, use and disclosure of their personal information in terms of this personal information policy and I warrant that I am authorised to give this consent on their behalf.
- To this end, I indemnify and hold MLM not responsible in respect of any claims by any other person on whose behalf I have consented, against MLM should they claim that I was not so authorised.
- I understand that in terms of POPI and other laws of the country, there are instances where my express consent is not necessary in order to permit the processing of personal information, which may be related to police investigations, litigation or when personal information is publicly available.
- I will not hold MLM responsible for any improper or unauthorised use of personal information that is beyond its reasonable control.

6. Rights regarding the processing of personal information:

- The individual may withdraw consent to the processing of personal information at any time, and should they wish to do so, must provide MLM with reasonable notice to this effect. Please note that withdrawal of consent is still subject to the terms and conditions of any contract that is in place. Should the withdrawal of consent result in the interference of legal obligations, then such withdrawal will only be effective if MLM agrees to same in writing. MLM specifically draws to the attention that the withdrawal of consent may result in it being unable to provide the requested information and/or services and/or financial or other benefits.
- In order to withdraw consent, please contact the Information Officer at Johannesm@midvaal.gov.za
- A copy of the full MLM policy is available at our offices, situated at Head Office, 25 Mitchell Street, Meyerton, 1961, South Africa.
- Individuals are encouraged to ensure that where personal information has changed in any respect to notify MLM so that our records may be updated. MLM will largely rely on the individual to ensure that personal information is correct and accurate.
- The individual has the right to access their personal information that MLM may have in its possession and are entitled to request the identity of which third parties have received and/or processed personal information for the purpose. Please note however, that any request in this regard may be declined if:
 - the information comes under legal privilege in the course of litigation,
 - the disclosure of personal information in the form that it is processed may result in the disclosure of confidential or proprietary information,
 - giving access may cause a third party to refuse to provide similar information to MLM,
 - the information was collected in furtherance of an investigation or legal dispute, instituted, or being contemplated,
 - the information as it is disclosed may result in the disclosure of another person's information,
 - the information contains an opinion about another person and that person has not consented, and/or
 - the disclosure is prohibited by law.

7. Requesting access and lodging of complaints:

- Please submit any requests for access to personal information in writing to MLM's information officer at Johannesm@midvaal.gov.za
- With any request for access to personal information, MLM will require the individual to provide personal information in order to verify identification and therefore the right to access the information.
- There may be a reasonable charge for providing copies of the information requested.
- If any request has not been addressed to satisfaction a complaint may be lodged at the office of the Information Regulator.

Signature:	Date:
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MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM R: DECLARATION OF BIDDERS LITIGATION HISTORY

The Bidder shall list below details of any litigation with which the Bidder (including directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department, including the MLM, within the last ten years. The details must include the year, the litigating parties, and the subject matter of dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

CLIENT	OTHER LITIGATING PARTY	DISPUTE	AWARD VALUE	DATE RESOLVED



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.

Name (Block Letter)

Capacity of authorized agents:

Signature(s) of authorized agents:

Signed at on this day of:

Witness (Full name – BLOCK LETTERS – and signature)

1 Name in Block Letters

2 Name in Block Letters

Date:



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM S: PLANT AND EQUIPMENT SCHEDULE

The following are lists of major items of relevant equipment that I/we presently own or lease and will have available for this contract or will acquire or hire for this contract if my/our tender is accepted.

a) **DETAILS OF MAJOR RELEVANT EQUIPMENT IMMEDIATELY AVAILABLE FOR THIS CONTRACT**

QUANTITY	DESCRIPTION, SIZE, CAPACITY, ETC



b) DETAILS OF MAJOR RELEVANT EQUIPMENT THAT WILL BE HIRED OR ACQUIRED FOR THIS CONTRACT IF MY/OUR TENDER IS ACCEPTABLE

QUANTITY	DESCRIPTION, SIZE, CAPACITY, ETC

Signature _____

Date _____

Name _____

Capacity _____

Tenderer _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS
AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**



FORM T: CHECKLIST FOR DOCUMENTATION TO BE RETURNED and ADDITIONAL DOCUMENTS REQUIRED FOR PRE- COMPLIANCE

The following documents must be returned by the Bidder for evaluation purposes in addition to the Schedule listed in previous paragraphs. Failure to supply the documents listed below may result in disqualification.

THE FOLLOWING DOCUMENTS MUST BE FURNISHED (FAILURE TO SUBMIT COMPULSORY DOCUMENTATION MAY RESULT IN YOUR BID BEING DISQUALIFIED)		YES	NO
1	CSD Compliance	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2	B-BEE Certificate issued by SANAS accredited verification agent/ OR AFFIDAVIT FOR EME/QSE ON DTI FORMAT	Yes <input type="checkbox"/>	No <input type="checkbox"/>
3	Proof of valid registration with CIDB	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4	Current municipal rates for the entity and directors of the entity not older than 90 days (submit proof of lease agreement where premises are rented and the latest invoice). Complete MLM Lease form attached	Yes <input type="checkbox"/>	No <input type="checkbox"/>
5	Declaration of Bidders past Supply Chain Practices.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
6	Completion of Form T for completed projects	Yes <input type="checkbox"/>	No <input type="checkbox"/>
7	CV's and copies of qualifications and Registrations for Project Staff as per Form U	Yes <input type="checkbox"/>	No <input type="checkbox"/>
8	Signed Declaration of Interest	Yes <input type="checkbox"/>	No <input type="checkbox"/>
9	Certificate of Independent Bidder determination	Yes <input type="checkbox"/>	No <input type="checkbox"/>
10	Certified Joint Venture Agreement (In case of Joint Ventures and Consortium)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
11	Valid COID certificate issued by the Department of Labour	Yes <input type="checkbox"/>	No <input type="checkbox"/>
12	Fully Completed and Signed all MBD forms	Yes <input type="checkbox"/>	No <input type="checkbox"/>
13	Completed Detailed Project Plan (see Form V)	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Signature _____ Capacity _____

Name _____



FORM T1: COID CERTIFICATE ISSUED BY DEPARTMENT OF LABOUR

The Bidder must submit ***COID CERTIFICATE FROM DEPARTMENT OF LABOUR.***

Only certificate from The Department of Labour is acceptable

The Bidder hereby certifies that the COID CERTIFICATE as required by the Bid, has been submitted and is attached after this page

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

ATTACH AFTER THIS PAGE



**FORM T2: LATEST THREE YEARS AUDITED FINANCIAL STATEMENTS/ MEMBERS
ACCOUNTS**

**The Bidder hereby certifies that the AUDITED FINANCIAL STATEMENTS FOR THE LAST THREE
YEARS as required by the Bid, have been submitted and are attached after this page**

Latest three year audited financial statements (In case of Close Corporation Financials must be signed
by the Managing Member of the CC)

Signature _____

Date _____

Name _____

Capacity _____

Bidder _____



FORM T2: JOINT VENTURE AGREEMENT

The Bidder hereby certifies that the JOINT VENTURE AGREEMENT as required by the Bid, have been submitted and are attached after this page.

Signature _____

Date _____

Name _____

Capacity _____

Bidder _____



**FORM T3: LETTER OF COMMITMENT TO SUBMIT A PERFORMANCE GUARANTEE
EQUIVALENT TO 10% OF CONTRACT AMOUNT**

The Bidder hereby certifies that the bidder HAS submitted a letter under its company's letterhead that indicates that "a performance guarantee amounting to 10% of the contract value" will be issued as required by the MLM.

The MLM'S REQUIREMENTS ARE AS FOLLOWS: -

- i) Contractors will be required to submit a performance guarantee amounting to 10% of the contract value, for every contract entered into.
- ii) The contractor will be required to submit a signed letter of intent to produce a performance guarantee of 10 percent of the appointment value of any project awarded.

Signature _____

Date _____

Name _____

Capacity _____

Bidder _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT No. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

FORM U: COMPLETED PROJECTS



FORM U: SCHEDULE OF BIDDER'S EXPERIENCE IN ROADS AND STORMWATER CONSTRUCTION PROJECTS.

Name of the Bidder		
NUMBER OF YEARS' EXPERIENCE IN THE CONSTRUCTION, REHABILITATION AND SURFACING OF ROADS AND ASSOCIATED STORMWATER SYSTEMS.		
PROJECT No.	1	2
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Main Contractor (Yes/No)		

PROJECT No.	2	3
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Main Contractor (Yes/No)		

PROJECT No.	5	6
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Main Contractor (Yes/No)		

PROJECT No.	7	8
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value)		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Completion certificate attached (Yes or No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Main Contractor (Yes/No)		

FORM V: EXPERIENCE OF NOMINATED PERSONNEL

Bidders must have in their full-time employment an experienced Contracts Manager, a Site Agent and a Site Safety Officer, who have previously worked on Roads and Stormwater projects. To be considered for the short-listing onto the panel, bidders must meet the functional assessment criteria. The information will be verified with the references provided. Any information found to be untruthful will lead to the immediate disqualification of the Service Provider. The bidder must have in its employment a: -

- i) Site Agent with 5 years or above in roads construction experience, in order to score maximum points.
- ii) Site Foreman with 15 years or above experience in road construction or roads rehabilitation or road maintenance in order to score maximum points.
- iii) OHS Agent with 5 years or above experience in site safety management of construction projects in order to score maximum points.

NB:

One individual may not be nominated for more than one role or position for this bid. If an individual is nominated for more than one role then the points will only be allocated for one of the roles and the bidder will score zero on any other role.

It is **mandatory** to complete all fields in Form V for each project listed as this information will be deemed to be material to the award of the Contract. Failure to complete all fields for the project listed may lead to the bidder losing points during functional evaluation under the categories "Site Agent or Site Foreman or OHS Agent". Should the bidder choose to present the required information in the attachments, then the bidder must **COMPLETE FORM (V) FIRST and then** make a clear reference to such attachments so that they may be considered; and such attachments must provide the same information requested for in Form V.

TYPICAL FORMS TO BE COMPLETED BY THE BIDDERS

- **Form V(i) Site Agent**
- **Form V(ii) Site Foreman**
- **Form V(iii) OHS Agent**



FORM V(i) Site Agent
Contracts Management Staff/Personnel in the Company

Post	Name	Qualifications (Diploma, Degree in Civil)	Experience in years
Site Agent			

Bidders are required to submit as attachments after this page, eg qualifications, CV.

(a) Site Agent

The Bidder must note that repeating the same year under different project will still be considered as one year's experience.

(a) Site Agent		
Name and Surname		
Experience in years' experience as Site Agent		
EXPERIENCE AS SITE AGENT OF ROAD CONSTRUCTION AND ASSOCIATED STORMWATER PROJECTS.		
YEAR of Experience as Site Agent	Year 1 (.....) (e.g.2017 etc	Year 2 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		



(a) Site Agent		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

Signature _____

Date _____

Name _____

Capacity _____

Bidder _____

(a) Site Agent		
EXPERIENCE AS SITE AGENT OF ROAD CONSTRUCTION AND ASSOCIATED STORMWATER PROJECTS.		
YEAR of Experience as Site Agent	Year 3 (.....) (e.g.2017 etc)	Year 4 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		



(a) Site Agent		
EXPERIENCE AS SITE AGENT OF ROAD CONSTRUCTION AND ASSOCIATED STORMWATER PROJECTS.		
YEAR of Experience as Site Agent	Year 5 (.....) (e.g.2017 etc)	Year 6 (.....) (e.g.2016).

(a) Site Agent		
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		



FORM V(ii) Site Foreman

Post	Name	Qualifications	Experience in years
Site Agent			

Bidders are required to submit as attachments after this page, the qualifications and CV

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____

(b) Site Foreman

The Bidder must note that repeating the same year under different project will still be considered as one year's experience.

(b) SITE FOREMAN		
Name and Surname		
Experience in years' experience as Site Ag		
EXPERIENCE AS SITE FOREMAN IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.		
YEAR of Experience as Site Forman	Year 1 (.....) (e.g.2017 etc)	Year 2 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		



(b) SITE FOREMAN		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		



EXPERIENCE AS SITE FOREMAN IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.		
YEAR of Experience as Site Foreman	Year 3 (.....) (e.g.2017 etc)	Year 4 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		



FORM V (iii) OHS Agent/ Safety Officer

Post	Name	Qualifications	Experience in years
OHS Agent/ Safety Officer			

Bidders are required to submit as attachments after this page, eg the qualifications and professional registrations of the OHS Agent/ Safety Officer.

Signature _____ Date _____
 — —

Name _____ Capacity _____
 — —

Bidder _____
 —

(c) OHS Agent/ Safety Officer

(c) SAFETY OFFICER		
Name and Surname		
Experience in years' experience as Safety Officer		
EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.		
YEAR of Experience as Safety Officer	Year 1 (.....) (e.g.2017 etc)	Year 2 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		



(c) SAFETY OFFICER		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		



EXPERIENCE AS SAFETY OFFICER IN SITE MANAGEMENT OF CIVIL ENGINEERING CONSTRUCTION PROJECTS.		
YEAR of Experience as Safety Officer	Year 3 (.....) (e.g.2017 etc)	Year 4 (.....) (e.g.2016).
Project Name		
Nature of Project		
Client (Responsible for supervision)		
Client Contact person		
Clients Contact Person (name, tel/Cell no and fax no)		
Clients Contact Person (email address)		
Consulting Engineer (name, tel no and fax no)		
Appointment Value		
Project Location (Province)		
Project Duration(months)		
Project Commencement Date (months/year)		
Is the Project Completed (Yes/No)		
Estimated Completion Date (If not yet Completed)		
Completion Date (If Completed) (months/year)		
Roles/Responsibilities performed by the Bidder on the project:		

Signature _____

Date _____

Name _____

Capacity _____

Bidder _____



FORM W: LETTER OF COMMITMENT TO SUBMIT CONSTRUCTION METHODOLOGY, SAFE WORK PLAN AND QUALITY CONTROL PLAN

The bidder must **NOTE THAT a quality proposal detailing the following is not required for now but a letter committing to submit when required by MLM** should be attached to the Bid after this bid:

The quality proposal will comprise the following:

- Construction Methodologies (Method Statements):

The example methodologies provided should be in line and reflect all items that will typically be completed during the construction of the new roads and associated stormwater systems.

- Safe Work Procedures:

The bidder has to give a description on items that will be addressed in his safety plan. All activities in the construction programme to be discussed and to be in line with the Occupational Health and Safety Act and the Construction Regulations. Full details to be supplied on successful appointment.

- Quality control plan:

The bidder has to give a description on how the quality control procedures for all activities will be enforced and he has to give a brief description on his abilities and qualifications of his quality control personnel.

Signature _____ Date _____

Name _____ Capacity _____

Bidder _____



FORM X: PERFORMANCE MANAGEMENT SYSTEM

The Municipal Finance Management Act (No. 56 of 2003) Section 116 (2) (d) determines that a Municipality must enter into a Performance Management System (PMS) with all service providers.

An assignment specific PMS has been drafted and needs to be signed by the appointed signatory as part of this tender document and the costing for this project will run during the 2023 to 2026 financial budget years. The Minutes of Site Meetings will be used to record items listed in the PMS.

ACCEPTANCE OF PMS AGREEMENT

You are hereby requested to sign this document as acceptance of the agreement.

Signature _____

Date _____

Name _____

Capacity _____

Tenderer _____



PERFORMANCE MANAGEMENT SYSTEM EXTERNAL SERVICE PROVIDERS

(in terms of Section 116 of the Municipal Finance Management Act, Act 56 of 2003)

CONTRACT		
BIDDER		
TERM OF CONTRACT		TENDER NUMBER:
DATE OF ASSESSMENT		RESPONSIBLE OFFICIAL/S:



KEY PERFORMANCE AREA	KEY PERFORMANCE INDICATOR	RESPONSIBLE PERSON & TARGET DATE	OUTCOME OF PERFORMANCE ASSESSMENT	RECTIFICATION MEASURES TO BE IMPLEMENTED IN THE CASE OF REPORTED DEVIATIONS	AGREED RECTIFICATION MEASURES TO COMPLY
KEY DELIVERABLES AS PER TENDER SPECIFICATIONS					
General Conditions	Comply and adhere to the General Conditions of contract: 1. Contractual Obligations 2. Scope of Work & Specifications 3. Quality Material 4. Adhere to Programme of Works 5. Adhere to Cashflow Projections	Within the 14			
Monthly Meetings	Attending Monthly progress meetings	Monthly			
Reports	Weekly and Monthly reports according to contract deliverables	Monthly			
Claims/Invoices	Submit Monthly invoice with correct claim and on time	Monthly			



Local Labour	Comply with 100% local unskilled labour and submission of monthly EPWP Reports	Monthly			
Execution of Works	Works executed in accordance with specifications as stated in the contract document, required quality and within the required timelines.	As and when required			
Availability of Plant and Equipment	Plant and equipment made available for the purpose of the works as indicated in the form of undertaking in the contract document.	As and when required			
Occupational Health and Safety	Compliance to Occupational Health and Safety Act provisions	As and When Required			



Accepted and agreed upon:

ON BEHALF OF **SERVICE PROVIDER**

DATE

ASSISTANT DIRECTOR: ROADS & STORMWATER

DATE

DIRECTOR: ROADS & STORMWATER

DATE



MIDVAAL LOCAL MUNICIPALITY

MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

THE CONTRACT (VOLUME 3)

PART 1. AGREEMENT AND CONTRACT DATA



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

PART 1: AGREEMENT AND CONTRACT DATA

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MIDVAAL LOCAL MUNICIPALITY

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FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C1.1 AGREEMENT (FORM OF OFFER AND ACCEPTANCE)



C1.1 AGREEMENT (FORM OF OFFER AND ACCEPTANCE)

OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

The tenderer, identified in the Offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS

.....

.....Rand (in words); R..... (In figures),

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes a party named as the Contractor in the Conditions of Contract identified in the Contract Data.

NB



Signature(s) _____ Date _____

Name _____ Capacity _____

for the tenderer _____

(Name and address of organisation)

AS WITNESSES

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____

Name _____



ACCEPTANCE

By signing this part of the 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.

The terms of the contract are contained in The Contract (Volume 3), which contains:

- Part 1 Agreement and Contract Data
- Part 2 Pricing Data
- Part 3 Scope of Work
- Part 4 Site Information
- Part 5 Annexures and

drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto 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 authorised representative(s) of both parties.

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 at, or just after, the date this Agreement comes into effect. 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 original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Contractor) within five 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.

Signature _____ Date _____

Name _____ Capacity _____

for the Employer - The Midvaal Local Municipality

AS WITNESSES

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____

Name _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C1.2 SCHEDULE OF DEVIATIONS

C1.2 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 subject 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 of 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 or addition to the tender documents arising from the above agreement and recorded here shall also be incorporated into the Contract.

1 **Subject**

Details

2 **Subject**

Details

3 **Subject**

Details

4 **Subject**

Details



5 **Subject**

By the duly authorised representatives signing this Schedule of Deviations, 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 Tender Schedules, as well as any confirmation, clarification or change 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 _____ Date _____

Name _____ Capacity _____

Tenderer _____
(Name and address of organisation)

AS WITNESSES

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____



For the Employer:

Signature _____

Date _____

Name _____

Capacity _____

For the Midvaal Local Municipality

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____

Name _____



CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C1.3 PRO FORMA – FORM OF GUARANTEE



C1.3 FORM OF GUARANTEE

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

WHEREAS the Midvaal Local Municipality

(Hereinafter referred to as “the Employer”) entered a Contract with

(hereinafter called “the Contractor”) on the day of

for the Rehabilitation of Roads in Midvaal Local Municipality.

AND WHEREAS it is provided by such Contract that the Contractor shall provide the Employer with security by way of a guarantee for the due and faithful fulfilment of such Contract by the Contractor.

AND WHEREAS _____
has/have at the request of the Contractor, agreed to give such guarantee.

NOW THEREFORE WE, _____
do hereby guarantee and bind ourselves jointly and severally as Guarantor and Co-principal Debtors to the Employer under renunciation of the benefits of division and excursion for the due and faithful performance by the Contractor of all the terms and conditions of the said Contract, subject to the following conditions:

1. The Employer shall, without reference and/or notice to us, have complete liberty of action to act in any manner authorised and/or contemplated by the terms of the said Contract, and/or to agree to any modifications, variations, alterations, directions or extensions of the Completion Date of the Works under the said Contract, and that its rights under this guarantee shall in no way be prejudiced nor our liability hereunder be affected by reason of any steps which the Employer may take under such Contract, or any modification, variation, alterations of the Completion Date which the Employer may make, give, concede or agree to under the said Contract.
2. This guarantee shall be limited to the payment of a sum of money.



3. The Employer shall be entitled, without reference to us, to release any guarantee held by it, and to give time to or compound or make any other arrangement with the Contractor.

4. This guarantee shall remain in full force and effect until the issue of the Certificate of Completion in terms of the Contract, unless we are advised in writing by the Employer before the issue of the said Certificate of his intention to institute claims, and the particulars thereof, in which event this guarantee shall remain in full force and effect until all such claims have been paid or liquidated.

5. Our total liability hereunder shall not exceed the sum of R 5m

6. The Guarantor reserves the right to withdraw from this guarantee by depositing the Guaranteed Sum with the beneficiary, whereupon the Guarantor's liability hereunder shall cease.

7. We hereby choose our address for the serving of all notices for all purposes arising here from as

In witness where of this guarantee has been executed by us

at _____ on this _____ day of _____ 20____

Signature _____ Date _____

Name _____

Duly authorised to sign on behalf of _____

Address _____



AS WITNESSES

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____

Name _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADSWITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C1.4 CONTRACT DATA (CONDITIONS OF CONTRACT)



C1.4 CONTRACT DATA (CONDITIONS OF CONTRACT)

MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

General Conditions of Contract for Construction Works (2015 Third Edition) published by the South African Institution of Civil Engineering, is applicable to this contract. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (Tel 011-805 5947).

The General Conditions of Contract for Construction Works make several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the general conditions of contract.

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

ADDITIONAL CLAUSES TO THE GENERAL CONDITIONS OF CONTRACT ARE:

Clause 5.12.2.2

Extension of time due to Abnormal Rainfall

Extension of time for completion of the Contract shall be allowed in the event of abnormal rainfall in accordance with the following formula:

$$V = (N_w - N_n) + (R_w - R_n)/20$$

Where:

V = ***Extension of time in calendar days for the calendar month under consideration***

N_w = Actual number of days during the calendar month under consideration on which a rainfall of 10mm and more is recorded.

R_w = Actual total rainfall in mm recorded during the calendar month under consideration

N_n = Average number of days, derived from rainfall records, on which a rainfall of 10mm and more was recorded during the relevant calendar month as per the data tabulated hereinafter.

R_n = Average total rainfall in mm for the relevant calendar month, derived from rainfall records, as tabulated hereinafter.

Where the extension of time due to abnormal rainfall has to be calculated for portion of a calendar month, pro rata values shall be used. Should V be negative for any particular month, and should its absolute value exceed the corresponding value of N_n, then V shall be taken as being equal to minus N_n. The total extension of time to be granted shall be the algebraic sum of all the monthly extensions, provided that if this total is negative then the time for completion shall not be reduced due to subnormal rainfall.

Rainfall records for the period of construction shall be taken on Site. The Contractor shall provide and install all the necessary equipment for accurately measuring the rainfall. The Contractor shall also provide, erect and maintain a security fence plus gate, padlock and keys at each measuring station, all at his own cost. The Engineer or his Representative shall take and record the daily rainfall readings. The Contractor shall be permitted to attend these readings, in the company of the Engineer's Representative. Access to the measuring gauge(s) shall at all times be under the Engineer's control.

The rainfall records applicable to this Contract are those recorded at Weather Station 0476/399 at Johannesburg International Airport. The following values of N_n and R_n shall apply:

Month	R_n (mm)	N_n (days)
January	142.8	4.9
February	130.8	4.5
March	96.7	3.6
April	34.2	0.9
May	24.6	0.9
June	11.6	0.4
July	2.0	0.1
August	10.2	0.3
September	20.2	0.5
October	82.3	2.9
November	92.7	3.1
December	125.0	4.7
TOTAL	773.0	26.8

Unless otherwise provided in the Site Information, the value of “n” shall be taken as equal to the tendered time for completion of the Works in months, rounded off to an integer.

Extension of time during normal working days will be granted to the degree to which actual delays as determined in accordance with clause 42.5 hereof, exceed the number of “n” normal working days.

The value of “n” does not take into account further or concurrent delays which are caused by other abnormal climatic conditions such as floods, which have to be determined separately in accordance with clause 42.5 hereof.

The total extension of time shall be the algebraic sum of all monthly totals for the period under consideration, but if the total is negative the time for completion shall not be reduced due to subnormal rainfall.

Extensions of time for part of a month shall be calculated using pro rata values of N_n and R_n .



This formula does not take account flood damage which could cause further or concurrent delays and will be treated separately as far as extension of time is concerned.

The factor (Nw – Nn) shall be considered to represent a fair allowance for variations from the average in the number of days during which rainfall exceeds 10 mm. The factor (Rw-Rn) shall be considered to represent a fair allowance for variations from the average in the number of days during which the rainfall did not exceed 10 mm, but wet conditions prevented or disrupted work.

CONDITIONS OF CONTRACT

The General Conditions of Contract for Construction Works, Third Edition (2015) published by the South African institution of Civil Engineering, Private Bag X200, Halfway House. 1685, is applicable to this Contract and is obtainable from www.saice.org.za.

CONTRACT SPECIFIC DATA

The following contract specific data, referring to the General Conditions of Contract for Construction Works, Third Edition (2015) are applicable to this Contract.



PART 1: CONTRACT DATA PROVIDED BY THE EMPLOYER

COMPULSORY DATA

Clause 1.1.1.13.

The Defects Liability Period is 365 days.

Clause 1.1.1.14:

The time for achieving Practical Completion to be advised by the Employer as and when an instruction to proceed with works is issued.

Clause 1.1.1.15:

The name of the Employer is Midvaal Local Municipality

Clause 1.2.1.2:

The address of the Employer is:

The physical address is 25 Mitchell Street, Meyerton, 1960

Postal Address is P.O. Box 9, Meyerton, 1960

e-mail address is tenders@midvaal.gov.za

and fax number where the Employer will receive notices is 016 360 7519.

Clause 1.1.1.26:

The Pricing Strategy is a Re-measurable Contract.

Clauses 5.1.1 and 5.8.1:

The non-working days are Sundays.

The special non-working days are:

1. South African Public holidays and
2. The year-end break commencing on 16 December and ending on 5 January.

Clause 5.3.1:

The documentation required before commencing with the Works are:

1. Health and Safety Plan (Refer to Clause 4.3);
2. Initial programme (Refer to Clause 5.6);
3. Security (Refer to Clause 6.2) and
4. Insurance (Refer to Clause 8.6).

Clause 5.3.2:

The time to submit the documentation required before commencement of the Works is 14 days.

Clause 5.13.1:

The penalty for failing to complete the Works is R5000.00 per calendar day to a maximum of R 225 000.00 or a period of 45 days.

Add clause:

5.13.3 Failure to pay SMME's and Labourers on time

The Employer shall levy a penalty on the Contractor, should the latter fail to pay SMME's (subcontractors) or labourers on time as per their contract agreements. The value of the penalty shall be determined cumulative as R2,000.00 per day late, but not exceeding two calendar months excluding non-working days. Should the penalty reach the maximum specified limit the Employer shall reserve the right to:

- 1) terminate the Contract;
- 2) pay the SMME's or labourers through another Contractor; and
- 3) deduct additional costs incurred by the Employer from monies owed to the Contractor or from the Contractor's Guarantee. Additional costs incurred by the Employer shall include all claims from Contract affected parties.

Add clause:

5.13.4 Penalties irreversible

The Contractor shall note that all penalties once imposed shall be non-recoverable or reversible, even if the default is remedied.

Clause 5.14.1:

The requirement for achieving Practical Completion is the completion of the permanent works to the required standard and approval of such by the Employer's Agent and Employer. The works must be fit for the intended purpose and occupation without danger or undue inconvenience to the Employer.

Clause 5.16.3:

The latent defects period is 8 years.

Clause 6.10.1.5:

The percentage advance on materials on site not yet built into the Permanent Works is 80 percent.

Clause 6.10.3.

The limit of retention money is 10% of the Contract Sum.

Clause 6.10.5

One half of retention money shall become due and shall be paid to the Contractor when the Employer's Agent has issued a Certificate of Completion in terms of Clause 5.14.4. The other half shall be paid to the Contractor within 14 days of the expiration of the Defects Liability Period.

Clause 8.6.1.1.2:

Not Required

Clause 8.6.1.1.3:

The amount to cover professional fees for repairing damage and loss to be included in the insurance sum is R 1 million.

Clause 8.6.1.3:

The limit of indemnity for liability insurance is R 10 million.

Clause 6.8.2:

This contract is subject to an annual contract price adjustment.



The application of a Contract Price Adjustment factor will apply to this Contract. The price adjustment formula provided in the General Conditions of Contract will apply, together with the following coefficients and the definition of the relevant indices indicated below:

X=0.10 a=0.15 b=0.25 c=0.50 d=0.10

Replace the definitions of the relevant indices with the following:

“L” is the “Labour Index” and shall be the “Consumer Price Index” as published in the Consumer Price Index Statistical Release P0141 Table A of Statistics South Africa.

“P” is the “Plant Index” and shall be the “Civil Engineering Plant” index as published in the Production Price Index Statistical Release P0151.1 Table 4 of Statistics South Africa.

“M” is the “Materials Index” and shall be the “Civil Engineering” index as published in the Production Price Index Statistical Release P0151.1 Table 6 of Statistics South Africa.

“F” is the “Fuel Index” and shall be the “Diesel fuel – Coast and Witwatersrand” index as published in the Production Price Index Statistical Release P0142.1 Table 1 of Statistics South Africa.

The base month shall be the month prior to the closing date of this tender.

Clause 10.5.1:

Dispute resolution shall be by standing adjudication.

Clause 10.7.1

The determination of disputes shall be by arbitration.

Part 2: Data provided by the Contractor.

Clause 1.1.1.9:

The name of the Contractor is



Clause 1.2.1.2:

The address of the Contractor is

The physical address is

Postal address is

The e-mail address is.....

and fax number where the Contractor will receive notices is

Clause 6.2.1:

The security to be provided by the Contractor shall be one of the following:

Type of security (VAT is included in the Contract Sum)	Applicable/Not Applicable
Cash deposit of 10% of the Contract Sum.	Not applicable.
Fixed Performance Guarantee of 10% of the Contract Sum.	Not applicable.
Variable Performance Guarantee of 10% of Contract Sum for the first period and 10% of the Contract Sum for the second period.	Not applicable.
Retention of 10% of the value of the works.	Not applicable.
Cash deposit of 10% of the Contract Sum plus retention of 10% of the value of the Works	Not applicable.
Fixed performance guarantee of 10% of the Contract Sum plus retention of 10% of the value of the Works.	Yes- this is the only security acceptable to the Employer.
Variable Performance Guarantee of 10% of the Contract Sum for the first period and 10% of the Contract Sum for the second period plus retention of 10% of the value of the Works.	Not applicable.

PART 3: PAYMENT FOR LABOUR-INTENSIVE COMPONENT OF THE WORKS

ADDITIONAL CLAUSES FOR PAYMENT FOR LABOUR-INTENSIVE COMPONENT OF WORKS

Payment for works identified in the Scope of Work as being labor-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the scope of work. Non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.

Applicable labour laws

The Ministerial Determination, Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice N° R347 of 4 May 2012, as adapted for the MLM, shall apply to works described in the scope of work as being labour intensive and which are undertaken by unskilled or semi-skilled workers.

1. INTRODUCTION

- 1.1 This document contains the standard terms and conditions for workers employed in elementary occupations on a Expanded Public Works Programme (EPWP). These terms and conditions do NOT apply to persons employed in the supervision and management of an EPWP.
- 1.2 In this document –
- (a) “department” means any department of the State, implementing agent or Contractor.
 - (b) “Employer” means any department, implementing agency or Contractor that hires workers to work in elementary occupations on an EPWP.
 - (c) “worker” means any person working in an elementary occupation on an EPWP.
 - (d) “elementary occupation” means any occupation involving unskilled or semi-skilled work.
 - (e) “management” means any person employed by a department or implementing agency to administer or execute an EPWP.
 - (f) “task” means a fixed quantity of work.
 - (g) “task-based work” means work in which a worker is paid a fixed rate for performing a task.
 - (h) “task-rated worker” means a worker paid based on the number of tasks completed.
 - (i) “time-rated worker” means a worker paid based on the length of time worked.

2. TERMS OF WORK

- 2.1 Workers on a EPWP are employed on a temporary basis.
- 2.2 A worker may NOT be employed for longer than 24 months in any five-year cycle on an EPWP.
- 2.3 Employment on a EPWP does not qualify as employment as a contributor for the purposes of the Unemployment Insurance Act 30 of 1966

3. NORMAL HOURS OF WORK

- 3.1 An Employer may not set tasks or hours of work that require a worker to work–
(a) more than forty hours in any week
(b) on more than five days in any week; and
(c) for more than eight hours on any day.
- 3.2 An Employer and worker may agree that a worker will work four days per week. The worker may then work up to ten hours per day.
- 3.3 A task-rated worker may not work more than a total of 55 hours in any week to complete the tasks allocated (based on a 40-hour week) to that worker.

4. MEAL BREAKS

- 4.1 A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
- 4.2 An Employer and worker may agree on longer meal breaks.
- 4.3 A worker may not work during a meal break. However, an Employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An Employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.
- 4.4 A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.

5. SPECIAL CONDITIONS FOR SECURITY GUARDS

- 5.1 A security guard may work up to 55 hours per week and up to eleven hours per day.
- 5.2 A security guard who works more than ten hours per day must have a meal break of at least one hour or two breaks of at least 30 minutes each.

6. DAILY REST PERIOD

Every worker is entitled to a daily rest period of at least twelve consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

7. WEEKLY REST PERIOD

Every worker must have two days off every week. A worker may only work on their day off to perform work, which must be done without delay and cannot be performed by workers during their ordinary hours of work (“emergency work”).

8. WORK ON SUNDAYS AND PUBLIC HOLIDAYS



8.1 A worker may only work on a Sunday or public holiday to perform emergency or security work.

- 8.2 Work on Sundays is paid as stipulated on basic conditions.
- 8.3 A task-rated worker who works on a public holiday must be paid –
- (a) the worker's daily task rate if the worker works for less than four hours.
 - (b) double the worker's daily task rate if the worker works for more than four hours.
- 8.4 A time-rated worker who works on a public holiday must be paid –
- (a) the worker's daily rate of pay if the worker works for less than four hours on the public holiday.
 - (b) double the worker's daily rate of pay if the worker works for more than four hours on the public holiday.

9. SICK LEAVE

- 9.1 Only workers who work more than 24 hours per month have the right to claim sick pay in terms of this clause.
- 9.2 A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.
- 9.3 A worker may accumulate a maximum of twelve days' sick leave in a year.
- 9.4 Accumulated sick leave may not be transferred from one contract to another contract.
- 9.5 An Employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.
- 9.6 An Employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.
- 9.7 An Employer must pay a worker sick pay on the worker's usual payday.
- 9.8 Before paying sick-pay, an Employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
- (a) absent from work for more than two consecutive days; or
 - (b) absent from work on more than two occasions in any eight-week period.
- 9.9 A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorized to issue medical certificates indicating the duration and reason for incapacity.
- 9.10 A worker is not entitled to pay sick leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

10. MATERNITY LEAVE

- 10.1 A worker may take up to four consecutive months' unpaid maternity leave.
- 10.2 A worker is not entitled to any payment or employment-related benefits during maternity leave.
- 10.3 A worker must give her Employer reasonable notice of when she will start maternity leave and when she will return to work.
- 10.4 A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.
- 10.5 A worker may begin maternity leave –
- (a) four weeks before the expected date of birth; or
 - (b) on an earlier date –
 - (i) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or

- (ii) if agreed to between Employer and worker; or
- (c) on a later date, if a medical practitioner, midwife, or certified nurse has certified that the worker is able to continue to work without endangering her health.

10.6 A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.

10.7 A worker who returns to work after maternity leave has the right to start a new cycle of twenty-four months employment, unless the EPWP on which she was employed has ended.

11. FAMILY RESPONSIBILITY LEAVE

11.1 Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -

- (a) when the employee's child is born.
- (b) when the employee's child is sick.
- (c) in the event of a death of –
 - (i) the employee's spouse or life partner.
 - (ii) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild, or sibling.

12. STATEMENT OF CONDITIONS

12.1 An Employer must give a worker a statement containing the following details at the start of employment

–

- (a) the Employer's name and address and the name of the EPWP.
- (b) the tasks or job that the worker is to perform; and
- (c) the period for which the worker is hired or, if this is not certain, the expected duration of the contract.
- (d) the worker's rate of pay and how this is to be calculated.
- (e) the training that the worker will receive during the EPWP.

12.2 An Employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.

12.3 An Employer must supply each worker with a copy of these conditions of employment.

13. KEEPING RECORDS

13.1 Every Employer must keep a written record of at least the following –

- (a) the worker's name and position.
- (b) copy of an acceptable worker identification.
- (c) in the case of a task-rated worker, the number of tasks completed by the worker.
- (d) in the case of a time-rated worker, the time worked by the worker.
- (e) payments made to each worker.

13.2 The Employer must keep this record for a period of at least three years after the completion of the EPWP.

14. PAYMENT

- 14.1 An Employer must pay all wages at least monthly in cash or by cheque or into a bank account.
- 14.2 A worker may not be paid less than SAFCEC RATES per day.
- 14.3 A task-rated worker will only be paid for tasks that have been completed.
- 14.4 An Employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the Contractor having submitted an invoice to the Employer.
- 14.5 A time-rated worker will be paid at the end of each month.
- 14.6 Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- 14.7 Payment in cash or by cheque must take place –
- (a) at the workplace or at a place agreed to by the worker.
 - (b) during the worker's working hours or within fifteen minutes of the start or finish of work.
 - (c) in a sealed envelope which becomes the property of the worker.
- 14.8 An Employer must give a worker the following information in writing –
- (a) the period for which payment is made.
 - (b) the numbers of tasks completed, or hours worked.
 - (c) the worker's earnings.
 - (d) any money deducted from the payment.
 - (e) the actual amount paid to the worker.
- 14.9 If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it
- 14.10 If a worker's employment is terminated, the Employer must pay all monies owing to that worker within one month of the termination of employment.

15. DEDUCTIONS

- 15.1 An Employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.
- 15.2 An Employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
- 15.3 An Employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time and other requirements specified in the agreement law, court order or arbitration award concerned.
- 15.4 An Employer may not require or allow a worker to –
- (a) repay any payment except an overpayment previously made by the Employer by mistake.
 - (b) state that the worker received a greater amount of money than the Employer actually paid to the worker; or
 - (c) pay the Employer or any other person for having been employed.

16. HEALTH AND SAFETY

- 16.1 Employers must take all reasonable steps to ensure that the working environment is healthy and safe.
- 16.2 A worker must –
- (a) work in a way that does not endanger his/her health and safety or that of any other person.
 - (b) obey any health and safety instruction.
 - (c) obey all health and safety rules of the EPWP.
 - (d) use any personal protective equipment or clothing issued by the Employer.
 - (e) report any accident, near-miss incident or dangerous behaviour by another person to their Employer or manager.

17. COMPENSATION FOR INJURIES AND DISEASES

- 17.1 It is the responsibility of the Employers (other than a Contractor) to arrange for all persons employed on a EPWP to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
- 17.2 A worker must report any work-related injury or occupational disease to their Employer or manager.
- 17.3 The Employer must report the accident or disease to the Compensation Commissioner.
- 17.4 An Employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The Employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

18. TERMINATION

- 18.1 The Employer may terminate the employment of a worker for good cause after following a fair procedure.
- 18.2 A worker will not receive severance pay on termination.
- 18.3 A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the Employer in advance to allow the Employer to find a replacement.
- 18.4 A worker who is absent for more than three consecutive days without informing the Employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
- 18.5 A worker who does not attend required training events, without good reason, would have terminated the contract. However, the worker may be re-engaged if a position becomes available.

19. CERTIFICATE OF SERVICE

- 19.1 On termination of employment, a worker is entitled to a certificate stating –
- (a) the worker's full name.
 - (b) the name and address of the Employer.
 - (c) the EPWP on which the worker worked.
 - (d) the work performed by the worker.
 - (e) any training received by the worker as part of the EPWP.
 - (f) the period for which the worker worked on the EPWP.
 - (g) any other information agreed on by the Employer and worker.



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C1.5 OHS ACT ANNEXURE A (AUTHORITY FOR SIGNATORY)



CERTIFICATE OF AUTHORITY FOR SIGNATORY TO AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO 85 OF 1993), AND CONSTRUCTION REGULATIONS (GOVERNMENT NOTICE R1010 18 JULY 2003) OR ANY AMENDMENT THERETO

The signatory for the company that is the Contractor in terms of the above-mentioned Contract and the Mandatary in terms of the above-mentioned Act shall confirm his or her authority thereto by attaching to this page a duly signed and dated copy of the relevant resolution of the board of directors.

An example is given below:

"By resolution of the board of directors passed at a meeting held on.....20....,

Mr//Ms whose signature appears below, has been duly authorized to sign the AGREEMENT IN TERMS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993), AND CONSTRUCTION REGULATION (GOVERNMENT NOTICE R1010 18 JULY 2003) OR ANY AMENDMENT THERETO on behalf of

SIGNED ON BEHALF OF THE COMPANY:

Signature _____ Date _____

Name _____ Capacity _____

AS WITNESSES

Witness 1

Signature _____ Date _____

Name _____

Witness 2

Signature _____ Date _____

Name _____



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. XXXXXXXXXXXX 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN "AS AND
WHEN REQUIRED BASIS" FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C1.6 TARGETED PROCUREMENT

Refer to C3.3



MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C1.7 ELECTRONIC PAYMENT INTO BANK ACCOUNT



RESTRICTED
ELECTRONIC PAYMENT INTO BANK ACCOUNT

1. To enable the Midvaal Local Municipality (Pty) Ltd to comply with MLM's cash management decision that payment to suppliers and service providers be done electronically, the particulars of bank accounts of suppliers and service providers must be made known to the Department's Accountant.
2. It would thus be appreciated if the particulars of bank account can be entered hereunder or on a letterhead where required. It is advised that the information will be treated as confidential.

Name of bidder	
Bank	
Branch Name	
Account Number	
Name of account holder	

3. I the undersigned certify that the above information is correct and be used for the purpose of electronic payment in accordance with the National Treasury's decision.
4. I undertake to notify the MLM of any changes to banking details in writing.

Signature _____ Date _____

Name _____ Capacity _____



MIDVAAL LOCAL MUNICIPALITY

MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADSWITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

THE CONTRACT (VOLUME 3)

PART 2. PRICING DATA



MIDVAAL LOCAL MUNICIPALITY

CONTRACT 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

PART 2: PRICING DATA

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Contract Part 2
Pricing Data

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C2.1 PRICING INSTRUCTIONS

C2.1 PRICING INSTRUCTIONS

1. Measurement and payment shall be in accordance with the relevant provisions of Standard Specifications for Road and Bridge Works for South African Road Authorities (COTO) referred to in the Scope of Work. The Preliminary and General items shall be measured in accordance with the provisions of COTO chapter 1, *General*.

2. The units of measurement described in the Bills of Quantities are metric units. Abbreviations used in these Bills of Quantities are as follows:

%	=	percent
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kilolitre
km	=	kilometre
km-pass	=	kilometre-pass
kPa	=	kilopascal
kW	=	kilowatt
l	=	litre
m	=	metre
mm	=	millimetre
m ²	=	square metre
m ² -pass	=	square metre-pass
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
MN	=	meganewton
MN.m	=	meganewton-metre
MPa	=	megapascal
No.	=	number
Prov sum	=	Provisional sum
PC sum	=	Prime Cost sum
R/only	=	Rate only
sum	=	lump sum
t	=	ton (1000 kg)
W/day	=	Workday

3. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.

4. 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.

5. It will be assumed that prices included in these 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. 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
7. 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.
8. 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 the Bills of Quantities. Due to the nature of this commodity, the bid document will only reflect a quantity of 1(One) next to each line item. This quantity of 1 (One) is not an indication that the municipality only intends to utilize one quantity per line item or make use of a service once. The quantities certified for payment, and not the quantities given in the Bill of Quantities, shall be used for determining payments to the Contractor. The Contract Price for the completed contract shall be computed from the actual quantities of work done, valued at the relevant unit rates and prices.
9. Reasonable compensation will be received where no pay item appears in respect of work required in the Bills of Quantities in terms of the Contract and which is not covered in any other pay item.
10. 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.
11. Descriptions in the Bills of Quantities are abbreviated and comply generally with those in the COTO Standardized Specifications.
12. All prices and rates entered in the Bill of Quantities must be **excluding Value Added Tax (VAT)**. VAT will be added last on the summary page of the Bill of Quantities.



Contract Part 2
Pricing Data

CONTRACT NO. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

MIDVAAL LOCAL MUNICIPALITY

CONTRACT NO 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C2.2 BILL OF QUANTITIES

–

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)		
C2.3 SUMMARY OF PRICING SCHEDULE		
Midvaal Local Municipality		
Bill No	Description	Amount (R)
GENERAL		
C1.2	GENERAL REQUIREMENTS AND PROVISIONS	
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS	
C1.4	FACILITIES FOR THE ENGINEER	
C1.5	ACCOMMODATION OF TRAFFIC	
C1.6	CLEARING AND GRUBBING	
C1.7	LOADING AND HAULING	
	SUB-TOTAL	
SERVICES		
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES	
	SUB-TOTAL	
DRAINAGE		
C3.1	DRAINS	
C3.2	CULVERTS	
C3.3	CONCRETE KERBING AND CHANNELING, ASPHALT BERMS, CHUTES, DOWNPIPES, AS WELL AS CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS	
	SUB-TOTAL	
EARTHWORKS AND PAVEMENT LAYERS MATERIALS		
C4.3	EXISTING ROAD MATERIALS	
C4.4	COMMERCIAL MATERIALS	
	SUB-TOTAL	
EARTHWORKS AND PAVEMENT LAYERS CONSTRUCTION		
C5.1	Roadbed	
C5.3	ROAD PAVEMENT LAYERS	
C5.4	STABILISATION	
C5.5	RECONSTRUCTION OF PAVEMENT LAYERS	
SEGMENTAL BLOCK PAVING LAYERS		
C6.2	SEGMENTAL BLOCK PAVING LAYERS	
	SUB-TOTAL	
PRETREATMENT AND REPAIR EXISTING LAYERS		
C8.1	PRIME COAT	
C8.2	COVER SPRAYS, FOG SPRAYS AND REJUVENATION SPRAYS	
C8.3	TEXTURE TREATMENT	
C8.4	RUT AND/OR DEPRESSION CORRECTION	
C8.5	STANDARD CRACK SEALING	
C8.6	GEOSYNTHETIC CRACK SEALING	
C8.7	PLANING	
C8.8	PATCHING AND EDGE BREAK REPAIR	
C8.9	REPAIR OF SURFACE DEFECTS	
	SUB-TOTAL	
ASPHALT LAYERS		
C9.1	ASPHALT LAYERS	
	SUB-TOTAL	
SURFACE TREATMENTS		
C10.1	GENERAL REQUIREMENTS FOR SURFACE TREATMENTS	
	SUB-TOTAL	
ANCILLIARY ROAD WORKS		
C11.1	PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION	

	AGAINST EROSION	
C11.4	ROAD RESTRAINT SYSTEMS	
C11.6	ROAD SIGNS	
C11.7	ROAD MARKINGS AND ROAD STUDS	
C11.9	FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS	
	SUB-TOTAL	
	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP	
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP	
	SUB-TOTAL	
	TRAINING, COACHING, GUIDANCE, MENTORING AND ASSISTANCE	
D1000	Training,Coaching,Guidance,Mentoring and Assistance	
	SUB-TOTAL	
	SUBTOTAL A VALUE	
	ADDED TAX:	
	15% of Subtotal	
TOTAL CARRIED TO C.1.1.1 : FORM OF OFFER		
Bankers Details :		
Contractor's Name:		
Name reflected on bank statement: _____		
Bank:		
Branch:		
Account Number:		
Cheque Account	or	Savings Account
Signature :		
By Tenderer:		
Company Name :		
Date :		

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)

Part C2: Pricing Data

Section C1.2: General Requirements and Provisions

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C1.2.1		Environmental Management				
	C1.2.1.1	Monitoring of compliance with and reporting on the EMP	month	1		
	C1.2.1.2	Dedicated environmental officer	month	1		
C1.2.2		Programming and Reporting				
	C1.2.2.1	Submission of a Scheme 1 Programme	lump sum	1	R 750,00	750,00
	C1.2.2.2	Reviewing and updating a Scheme 1 Programme	month	1		
	C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation	month	1		
C1.2.3		Routine road maintenance of existing public roads within the Site of the Works or other public roads outside the Site of the Works which are used as detours.				
	C1.2.3.9	Grading of temporary gravel deviations and existing roads used as detours	kilometre (km)	1		
	C1.2.3.10	Watering of temporary gravel deviations and existing roads used as detours	kilolitre (kl)	1		
C1.2.4		Stakeholder liaison (CLO)	month	1		
C1.2.5		Safety				
	C1.2.5.1	Health and safety plan	lump sum	1	R 5 500,00	5500,00
	C1.2.5.2	Implementation of health and safety plan	month	1		
C1.2.8		Dayworks				
	C1.2.8.1	Personnel				
		(a) Unskilled labourer	hr	1		

		(b) Semi-skilled labourer	hr	1		
		© Skilled labourer	hr	1		
		(d) Gang leader	hr	1		
		(e) Foreman	hr	1		
		(f) Skilled Artisan	hr	1		
	C1.2.8.2	Construction equipment				
		(a) Motor grader 140G	hr	1		
		(b) Vibratory roller (minimum size 10 ton)	hr	1		
		© Pneumatic roller	hr	1		
		(d) Front end loader	hr	1		
		(e) Tractor loader backhoe	hr	1		
		(f) Excavator	hr	1		
		(g) Compressor	hr	1		
		(h) 10 000 litre water truck	hr	1		
		(i) 14 000 litre water truck	hr	1		
		(j) 16 000 litre water truck	hr	1		
		(k) 18 000 litre water truck	hr	1		
	C1.2.8.3	Vehicles				
		(a) Light delivery vehicle(1 ton)	km	1		
		(b) Flatbed truck	km	1		
		(d) Dump truck	km	1		
		(e) Other vehicles (specify)	km	1		
	C1.2.8.4	Materials				
		(a) Procurement of materials	prov sum	1	R 20 000,00	20000,00
		Contractor's handling costs, profit and all other charges in respect of item	%	R 20 000,00	10%	2000,00
		(b) C1.2.8.4(a)				
		TOTAL CARRIED FORWARD TO SUMMARY				

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)

Part C1.3: Pricing Data

Section C1.4: FACILITIES FOR THE ENGINEER

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C1.4		FACILITIES FOR THE ENGINEER				
C1.4.1		Site accommodation				
	C1.4.1.1	Offices and conference room 10 m ²	m ²	1		
C1.4.3	C1.4.3.2	Office chair	No	1		
	C1.4.3.5	Office desk with 3 drawers (at least one lockable drawer)	No	1		
	C1.4.3.11	General purpose steel cabinet with shelves	No	1		
	C1.4.3.13	220/250 volt power outlet plug point	No	1		
	C1.4.3.16	Single 1 500 mm, 22 watt LED tube ceiling light	No	1		
	C1.4.3.23	Fire extinguisher 9,0 kg, dry powder type	No	1		
	C1.4.3.24	Air-conditioning unit	No	1		
	C1.4.3.27	Waste paper basket	No	1		
	C1.4.3.29	A3 / A4 colour printer, copier, scanner	No	1		
	C1.4.3.31	Rain gauge	No	1		
	C1.4.3.32	Minimum/maximum atmospheric temperature gauge	No	1		
	C1.4.3.33	Digital thermometer	No	1		
	C1.4.3.36	Measuring wheel	No	1		
C1.4.4		Prime cost items				
	C1.4.4.1	Cell phones costs, including pro-rata rentals, for calls made in connection with contract administration	PC sum	1	R 35 000,00	R35 000,00
	C1.4.4.2	Handling costs and profit in respect of item C1.4.4.1	percentage (%)	R 35 000,00		
	C1.4.4.5	The provision of internet connectivity and WiFi data for Engineer's site staff	PC sum	1	R 12 000,00	R12 000,00
	C1.4.4.6	Handling costs and profit in respect of item C1.4.4.5	percentage (%)	R 12 000,00		
	C1.4.4.7	The provision of paper and ink for a combination colour printer/copier/scanner	PC sum	1	R 10 000,00	R10 000,00
	C1.4.4.8	Handling costs and profit in respect of item C1.4.4.7	percentage (%)	R 10 000,00		
	C1.4.4.9	The provision of a complete 220/250 volt single phase electrical power installation, including all poles, insulators, wiring, switchboards, mains connections, meters etc.	PC sum	1	R 20 000,00	R20 000,00
	C1.4.4.10	Handling costs and profit in respect of item	percentage	R 20 000,00		

		C1.4.4.9	(%)			
	C1.4.4.13	Provision of a 440 / 231 volt three phase electricity generator	PC sum	1	R 15 000,00	R15 000,00
	C1.4.4.14	Handling costs and profit in respect of item C1.4.4.13	%	15000		
C1.4.5		Services at site offices, laboratories and site accommodation:				
	C1.4.5.1	Fixed costs	lump sum	1	R 35 000,00	R35 000,00
	C1.4.5.2	Running costs	month	1		
TOTAL CARRIED FORWARD TO SUMMARY						

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)

Part C1.5: Pricing Data

Section C1.5: Accommodation of traffic

Item	Payment	Description	Unit	Qty	Rate	Amount
	Reference				(R)	(R)
C1.5.1		Accommodation of pedestrian and non-motorised traffic				
	C1.5.1.1	Accommodation of pedestrian and non-motorised traffic	month	1		
C1.5.2		Accommodation of vehicular traffic	month	1		
C1.5.3		Liaison with traffic authorities	month	1		
C1.5.5		Maintenance of temporary deviations				
	C1.5.5.9	Grading of temporary deviations and existing roads used as detours	km	1		
	C1.5.5.10	Watering of temporary deviations and existing roads used as detours	kl	1		
C1.5.7		Temporary traffic control facilities				
	C1.5.7.1	Delineators including mounting bases and ballast:				
		(a) Single sided, reversible left or right (600mm)	No.	1		
		(b) Double sided, reversible left or right (600mm)	No.	1		
	C1.5.7.2	Traffic cones, minimum height 750mm	No.	1		
	C1.5.7.3	Flagmen	man-shift	1		
	C1.5.7.4	Traffic controllers	man-shift	1		
	C1.5.7.7	Traffic calming devices:				
		(a) 25 mm high x 100 mm wide asphalt rumble strips	m	1		
		(b) 50 mm high x 500 m wide asphalt rumble strips	m	1		
		(c) 150 mm high x 3 m wide asphalt speed control humps	m	1		
C1.5.9		Traffic safety vehicle	month	1		
C1.5.11		Provision of safety equipment for visitors				
	C1.5.11.1	Provision of reflective safety vests for visitors	No.	1		

C1.5.1 2		Additional traffic accommodation facilities ordered by the Engineer:				
	C1.5.1 2.1	Provision of additional traffic accommodation facilities	prov sum	1	R 50 000,00	500 00
	C1.5.1 2.2	Handling cost, profit and all other charges in respect of item C1.5.12.1	percentag e (%)	R 50 000,00		
TOTAL CARRIED FORWARD TO SUMMARY						

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C2.1.1		Location, identification, protection and relocation of existing services				
	C2.1.1.1	Contractor's obligations	lump sum	1	R25 000	25 000,00
	C2.1.1.2	Permanent services relocation or protection work by others	PC sum	1		
	C2.1.1.3	Handling costs and profit in respect of item C2.1.1.2 above	%			
	C2.1.1.4	Permanent services relocation or protection work by the Contractor	prov sum	1		
C2.1.2		Existing services location, detection and verification				
	C2.1.2.1	Using specialist detection services (<i>ground penetrating radar, radio detection etc.</i>)	PC sum	1	R50 000	50 000,00
	C2.1.2.2	Handling costs and profit in respect of item C2.1.2.1 above	%	R50 000		
	C2.1.2.3	Survey to verify existing service positions	PC sum	1	R50 000	50 000,00
	C2.1.2.4	Handling costs and profit in respect of item C2.1.2.3 above	%	R50 000		
	C2.1.2.5	Using hand excavation to locate, expose and verify services	m ³	1		
C2.1.3		Obtaining construction or work permits	lump sum	1		
C2.1.4		Provision of guarantees or deposits for services				
	C2.1.6.1	Trenches up to 1,0 m wide:				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 2,0 m deep	m ³	1		
		(c) Over 2,0 m deep, etc. to be inserted, increased by additional 1,0 m depths as required	m ³	1		
C2.1.6.2		Trenches over 1,0 m and up to 2,0 m wide:				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 2,0 m deep	m ³	1		
		(c) Over 2,0 m deep, etc., increased by additional 1,0 m depths as required	m ³	1		

C2.1. 6.3		Trenches over 2,0 m wide and up to 3,0 m, etc., increased by additional 1,0 m widths as required:				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 2,0 m deep	m ³	1		
		(c) Over 2,0 m deep, etc., increased by additional 1,0 m depths as required	m ³	1		
C2.1 .7		Extra over items C2.1.6, C2.1.8 and C2.1.16 for excavating in:				
	C2.1.7.1	Hard material irrespective of depth	m ³	1		
	C2.1.7.2	Stabilised material irrespective of depth	m ³	1		
C2.1 .8		Excavations outside the normal trench profile	m ³	1		
C2.1 .9		Trench excavation using labour enhanced construction methods:				
	C2.1.9.1	Trenches up to 1,0 m wide (in soft material):				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 1,5 m deep	m ³	1		
	C2.1.9.2	Trenches over 1,0 m and up to 2,0 m wide (in soft material):				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 1,5 m deep	m ³	1		
	C2.1.9.3	Trenches up to 1,0 m wide (in intermediate material):				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 1,5 m deep	m ³	1		
	C2.1.9.4	Trenches over 1,0 m and up to 2,0 m wide (in intermediate material):				
		(a) Up to 1,0 m deep	m ³	1		
		(b) Over 1,0 m and up to 1,5 m deep	m ³	1		
C2.1.1 0		Excavation in tunnels exceeding 3,0 m in length in:				

	C2.1.10. 1	Soft material	m ³	1		
C2.1.11		Backfilling of trenches				
	C2.1.11. 1	Backfill compacted to 93 % (100 % for sand) of MDD (areas subject to traffic loads) using material:				
		From the excavated trench material	m ³	1		
		From other excavations on site	m ³	1		
		From approved borrow areas	m ³	1		
		From sources provided by the Contractor	m ³	1		
		From commercial sources (G6 classified material)	m ³	1		
	C2.1.11. 2	Backfill compacted to 90 % (100 % for sand) of MDD or complying with the DCP requirements of Clause A2.1.8.2c) (areas not subject to traffic loads) using material:				
		From the excavated trench material	m ³	1		
		From other excavations on site	m ³	1		
		From approved borrow areas	m ³	1		
		From sources provided by the Contractor	m ³	1		
		From commercial sources (G7 classified material)	m ³	1		
C2.1.13		Extra over item C2.1.11 for backfilling with soil cement or stabilised material				
	C2.1.13. 1	Backfilling trenches using soil cement using (G7 classified material) material	m ³	1		
	C2.1.13. 2	Backfilling trenches using stabilised (G7 classified material) material compacted to 93 % of MDD	m ³	1		
	C2.1.13. 3	Backfilling around poles using stabilised (G7 classified material) material compacted to 95 % of MDD	m ³	1		
C2.1.19		Dealing with water during services work:				
	C2.1.19.	Dealing with surface water	lump sum	1		

	1					
	C2.1.19.2	Dealing with subsurface water	lump sum	1		
C2.1.20		Specified temporary works to control water inflow (state reference in Contract Documentation or indicate drawing number, etc.):				
	C2.1.20.1	Provide equipment	lump sum	1		
	C2.1.20.2	Operate and maintain	days	1		
	C2.1.20.3	Remove equipment	lump sum	1		
C2.1.21		Supply and installation of sandbags in trenches:				
	C2.1.21.1	Biodegradable bags	No	1		
	C2.1.21.2	Geofabric bags	No	1		
C2.1.22		Existing services that intersect or adjoin a trench:				
	C2.1.22.1	Services that intersect a trench (angles between centre-lines in plan 45° to 90°):				
	C2.1.22.1	Services that intersect a trench (angles between centre-lines in plan 45° to 90°):				
	(a)	Electric and fibre cables	No	1		
	(b)	Water and sewer mains (All sizes)	No	1		
	(c)	Stormwater pipes (All sizes)	No	1		
	C2.1.22.2	Services that adjoin a trench (parallel to or at an angle between centre-lines in plan of less than 45°):				
	(a)	Electric and fibre cables	m	1		
	(b)	Water and sewer mains (All sizes)	m	1		
	(c)	Stormwater pipes (All sizes)	m	1		

C2.1.23		Reinstatement of trenches in existing surfaced roads using:				
C2.1.23.1		Selected material (150mm G6, commercial) compacted to 93 % of MDD	m ³	1		
C2.1.23.2		Subbase material (150mm. G6, commercial) compacted to 95% of MDD	m ³	1		
C2.1.23.3		Stabilised subbase material (150mm C4, commercial) using (2.5% of Cement (CEM II/A-V 32,5 or similar approved)) compacted to 95% of MDD	m ³	1		
C2.1.23.4		Base material (150mm G2, commercial) compacted to 102% of MDD	m ³	1		
C2.1.23.5		Prime coat (MC-30 cut-back bitumen at 0.7l/m ²)	m ²	1		
C2.1.23.6		Tack coat (30% stable-grade emulsion at 0.55l/m ²)	m ²	1		
C2.1.23.7		Asphalt material (30mm continuously graded, medium grade (60/70 pen bitumen))	t	1		
C2.1.23.8		Surface treatments (state surfacing type, binder type and application rate, aggregate size and application rate etc.)	m ²	1		
C2.1.24		Saw-cutting before excavation:				
C2.1.24.1		Saw-cutting asphalt to an average depth:				
		(a) Not exceeding 50 mm	m ²	1		
		(b) Exceeding 50 mm but not exceeding 100 mm	m ²	1		
		(c) Exceeding 100 mm but not exceeding 150 mm	m ²	1		
C2.1.24.2		Saw-cutting concrete to an average depth:				
		(a) Not exceeding 50 mm	m ²	1		
		(b) Exceeding 50 mm but not exceeding 100 mm	m ²	1		
		(c) Exceeding 100 mm but not exceeding 150 mm	m ²	1		

C2.1.25		Removal of existing services:				
	C2.1.25.1	0-200mm dia water and sewer pipes irrelevant of depth	m	1		
	C2.1.25.2	300-900mm dia stormwater pipes irrelevant of depth	m	1		
	C2.1.25.3	10 - 200mm dia cables and service ducts irrelevant of depth	m	1		
C2.1.26		Disposal of existing service materials:				
	C2.1.26.1	0-200mm dia water and sewer pipes irrelevant of depth	m	1		
	C2.1.26.2	300-900mm dia stormwater pipes irrelevant of depth	m	1		
	C2.1.26.3	10 - 200mm dia cables and service ducts irrelevant of depth	m	1		
C2.1.27		Demolition of existing manholes, access chambers and other service structures consisting of:				
	C2.1.27.1	Unreinforced concrete	m ³	1		
	C2.1.27.2	Reinforced concrete	m ³	1		
	C2.1.27.3	Masonry	m ³	1		
	C2.1.10.2	Hard material	m ³	1		
C2.1.11		Backfilling of trenches:				
	C2.1.11.1	Backfill compacted to 93 % (100 % for sand) of MDD (areas subject to traffic loads) using material:				
		(a) From the excavated trench material	m ³	1		
		(b) From other excavations on Site	m ³	1		
		(d) From sources provided by the Contractor	m ³	1		
		(e) From commercial sources (state material type)	m ³	1		
	C2.1.11.2	Backfill compacted to 90 % (100 % for sand) of MDD or complying with the DCP requirements of Clause A2.1.8.2c) (areas not subject to traffic loads) using material:				
		(a) From the excavated trench material	m ³	1		

		(b) From other excavations on Site	m ³	1		
		(d) From sources provided by the Contractor	m ³	1		
		(e) From commercial sources (state material type)	m ³	1		
C2.1.12		Backfilling additional excavations in trench floors due to poor founding conditions using:	m ²	1		
	C2.1.12.1	Geotextile (Kaymat Type A4 or similar (subsurface drainage))	m ²	1		
	C2.1.12.2	Concrete aggregate (37,5 mm aggregate size)	m ³	1		
	C2.1.12.3	Concrete (Class 25/19 concrete)	m ³	1		
C2.1.13		Extra over item C2.1.11 for backfilling with soil cement or stabilised material:				
	C2.1.13.1	Backfilling trenches using soil cement using Portland cement, 5% of the dry mass	m ³	1		
	C2.1.13.2	Backfilling trenches using stabilised (G7) material compacted to 93 % of MDD	m ³	1		
	C2.1.13.4	Cement (CEM II/A-V 32,5 or similar approved)	kg	1		
C2.1.14		Extra over items C2.1.11, C2.1.12 and C2.1.13 for additional compaction of backfill:				
	C2.1.14.1	Compaction increased from 90 % of MDD to 93 % of MDD	m ³	1		
	C2.1.14.2	Compaction increased from 93 % of MDD to 95 % of MDD	m ³	1		
	C2.1.14.3	Compaction increased from 95 % of MDD to 98 % of MDD	m ³	1		
C2.1.15		Stone packing:				
	C2.1.15.1	In bolsters	m ³	1		
C2.1.16		Subsurface drains in trench bottoms (Contract Documentation reference or drawing	m	1		
C2.1.17		Removal and disposal of spoil material from trench excavations:				

	C2.1.17.1	To spoil sites provided by the Employer as indicated in the Contract Documentation or as instructed by the Engineer	m ³	1		
	C2.1.17.2	To spoil sites or dumping areas provided by the Contractor	m ³	1		
C2.1.18		Timbering, strutting and shoring:				
	C2.1.18.1	Timbering, strutting and shoring left in excavations	m ²	1		
	C2.1.18.2	Timbering, strutting and shoring opposite a structure or service (state reference in Contract Documentation or indicate drawing number, etc.)	m	1		
C2.1.19		Dealing with water during services work:				
	C2.1.19.1	Dealing with surface water	lump sum	1		
	C2.1.19.2	Dealing with subsurface water	lump sum	1		
C2.1.20		Specified temporary works to control water inflow (state reference in Contract Documentation or indicate drawing number, etc.):				
	C2.1.20.1	Provide equipment	lump sum	1		
	C2.1.20.2	Operate and maintain	days	1		
	C2.1.20.3	Remove equipment	lump sum	1		
C2.1.21		Supply and installation of sandbags in trenches:				
	C2.1.21.1	Biodegradable bags	No	1		
	C2.1.21.2	Geofabric bags	No	1		
C2.1.22		Existing services that intersect or adjoin a trench:				
	C2.1.22.1	Services that intersect a trench (angles between centre-lines in plan 45° to 90°):				
		(a) Electric and fibre cables	No	1		
		(b) Water and sewer mains (All sizes)	No	1		
		(c) Stormwater pipes (All sizes)	No	1		

	C2.1.22.2	Services that adjoin a trench (parallel to or at an angle between centre-lines in plan of less than 45°):				
		(a) Electric and fibre cables	m	1		
		(b) Water and sewer mains (All sizes)	m	1		
		(c) Stormwater pipes (All sizes)	m	1		
C2.1.23		Reinstatement of trenches in existing surfaced roads using:				
	C2.1.23.1	Selected material (150mm G5/G6, commercial) compacted to 93 % of MDD	m ³	1		
	C2.1.23.2	Subbase material (150mm. G5/G6, commercial) compacted to 95% of MDD	m ³	1		
	C2.1.23.3	Stabilised subbase material (150mm C4, commercial) using (2.5% of Cement (CEM II/A-V 32,5 or similar approved)) compacted to 95% of MDD	m ³	1		
	C2.1.23.4	Base material (150mm G2, commercial) compacted to 102% of MDD	m ³	1		
	C2.1.23.5	Prime coat (MC-30 cut-back bitumen at 0.7l/m ²)	m ²	1		
	C2.1.23.6	Tack coat (30% stable-grade emulsion at 0.55l/m ²)	m ²	1		
	C2.1.23.7	Asphalt material (30mm continuously graded, medium grade (60/70 pen bitumen))	t	1		
	C2.1.23.8	Surface treatments (Bituminous surface treatment with 13.2 mm aggregate and slurry seal using 150/200 penetration-grade bitumen in the tack coat and 60% or 65% emulsion in the penetration spray	m ²	1		
C2.1.24		Saw-cutting before excavation:				
	C2.1.24.1	Saw-cutting asphalt to an average depth:				
		(a) Not exceeding 50 mm	m ²	1		
		(b) Exceeding 50 mm but not exceeding 100 mm	m ²	1		
		(c) Exceeding 100 mm but not exceeding	m ²	1		

		150 mm				
	C2.1.24. 2	Saw-cutting concrete to an average depth:				
		(a) Not exceeding 50 mm	m ²	1		
		(b) Exceeding 50 mm but not exceeding 100 mm	m ²	1		
		(c) Exceeding 100 mm but not exceeding 150 mm	m ²	1		
	C2.1. 25	Removal of existing services:				
	C2.1.25. 1	0-200mm dia water and sewer pipes irrelevant of depth	m	1		
	C2.1.25. 2	300-900mm dia stormwater pipes irrelevant of depth	m	1		
	C2.1.25. 3	10 - 200mm dia cables and service ducts irrelevant of depth	m	1		
	C2.1. 26	Disposal of existing service materials:				
	C2.1.26. 1	0-200mm dia water and sewer pipes irrelevant of depth	m	1		
	C2.1.26. 2	300-900mm dia stormwater pipes irrelevant of depth	m	1		
	C2.1.26. 3	10 - 200mm dia cables and service ducts irrelevant of depth	m	1		
	C2.1. 27	Demolition of existing manholes, access chambers and other service structures consisting of:				
	C2.1.27. 1	Unreinforced concrete	m ³	1		
	C2.1.27. 2	Reinforced concrete	m ³	1		
	C2.1.27. 3	Masonry	m ³	1		
	C2.2	DRY SERVICES				
	C2.2.1	Supply, lay and prove ducts:				
	C2.2.1.1	Ordinary Pipes				
		(a) 160 mm diameter uPVC	m	1		
		(b) 200 mm diameter uPVC	m	1		

	C2.2.2	Extra over item C2.2.1 for the provision of split ducts:				
	C2.2.2.1	uPVC				
		(a) 160 mm diameter uPVC	m	1		
		(b) 200 mm diameter uPVC	m	1		
C2.2.3		Lay and prove ducts provided by others:				
	C2.2.3.1	State for each duct to be laid the material type:				
		(a) 160 mm diameter uPVC	m	1		
		(b) 200 mm diameter uPVC	m	1		
C2.2.4		Bedding for ducts compacted to 90 % of MDD (100 % for sand) using material:				
	C2.2.4.1	Selected from the excavated trench material	m ³	1		
	C2.2.4.2	Selected from other excavations on site	m ³	1		
	C2.2.4.4	Selected from sources provided by the Contractor	m ³	1		
	C2.2.4.5	From commercial sources:				
		(a) Non-cohesive material (sand from commercial sources)	m ³	1		
		(b) Crushed stone material (19mm nominal size aggregate)	m ³	1		
	C2.2.4.6	Extra over items C2.2.4.1 to C2.2.4.5 for stabilising material with cement	m ³	1		
	C2.2.4.7	Cement (Cement (CEM II/A-V 32,5 or similar approved) for stabilising bedding	kg	1		
C2.2.5		Concrete for bedding and encasement of ducts:				
	C2.2.5.1	Concrete bedding (Class 25/19 concrete)	m ³	1		
	C2.2.5.2	Concrete encasement of ducts (Class 25/19 concrete)	m ³	1		
	C2.2.6	Duct accessories (markers, marking, draw wires and end caps, etc.):				
	C2.2.6.1	Duct markers (As per drawing)	No	1		

C2.2.6.2	Duct marking (As per drawing)	No	1		
C2.2.6.3	Draw wires (As per drawing)	m	1		
C2.2.6.4	End caps or plugs (As per drawing)	No	1		
C2.2.7	Handholes, manholes and access chambers for ducts:				
C2.2.7.1	Handholes (As per drawing):				
	(a) Over 0,0 m and up to 1,5 m deep	No	1		
	(b) Over 1,5 m and up to 2,0 m deep	No	1		
C2.2.7.2	Manholes (As per drawing):				
	(a) Over 0,0 m and up to 1,5 m deep	No	1		
	(b) Over 1,5 m and up to 2,0 m deep	No	1		
C2.2.8	Covers and frames for duct handholes, manholes and access chambers:				
C2.2.8.1	Type 2A, SABS 558/1973 (Heavy Duty)	No	1		
C2.2.8.2	Type 2B, SABS 558/1973	No	1		
C2.2.8.3	Type 4, SABS 558/1973	No	1		
C2.2.9	Install duct handhole, manhole and access chamber covers and frames provided by others:				
C2.2.9.1	Type 2A, SABS 558/1973 (Heavy Duty)	No	1		
C2.2.9.2	Type 2B, SABS 558/1973	No	1		
C2.2.9.3	Type 4, SABS 558/1973	No	1		
C2.3	WET SERVICES				

C2.3.1	Supply, lay, joint and test sewers:				
C2.3.1.1	uPVC class 400 pipe which comply with SANS 1601 on Class B bedding for Flexible Pipelines using selected material from excavations				
	(a) 160mm dia	m	1		
	(b) 200mm dia	m	1		
C2.3.3	Bedding for sewers (Class B and C) and fill blanket compacted to 90 % of MDD (100 % for sand):				
C2.3.3.1	Bedding using selected granular material:				
	(a) From the excavated trench material	m ³	1		
	(b) From other excavations on Site	m ³	1		
	(d) From sources provided by the Contractor	m ³	1		
	(e) From commercial sources	m ³	1		
C2.3.3.2	Selected fill blanket material:				
	(a) From the excavated trench material	m ³	1		
	(b) From other excavations on Site	m ³	1		
	(d) From sources provided by the Contractor	m ³	1		
	(e) From commercial sources	m ³	1		
C2.3.3.3	Extra over items C2.3.3.1(a) to C2.3.3.1(c) and C2.3.3.2(a) to C2.3	m ³	1		
C2.3.4	Concrete for bedding (Class A) and encasement for sewers:				
C2.3.4.1	Concrete (Class A) bedding (Class 25/19 concrete)	m ³	1		
C2.3.4.2	Concrete encasement (Class 25/19 concrete)	m ³	1		
C2.3.5	Manholes, inspection chambers and cleaning eyes for sewers:				
C2.3.5.1	Manholes (As per drawing):				
	(a) 160 - 300mm dia Up to but not exceeding 1,5m deep	No	1		
	(b) 160 - 300mm dia Over 1,5m to 2,0m deep	No	1		
C2.3.5.2	Extra over item C2.3.5.1 for backdrops for manholes (state type and drawing reference, etc.):				

		(a) 160 - 300mm dia Up to but not exceeding 1,5m deep	No	1		
		(b) 160 - 300mm dia Over 1,5m to 2,0m deep	No	1		
C2.3.6		Covers and frames for sewer manholes, inspection chambers and other structures:				
C2.3.6.1		SABS 558 Type 2A circular	No	1		
C2.3.6.2		Type A Heavy duty cover and frame with steel lip ring	No	1		
C2.3.6.3		Type B round replacement cover to suit existing Type 4 CI frame	No	1		
C2.3.7		Sewer accessories (anchor blocks, marker posts, plug stoppers, etc.):				
C2.3.7.1		Anchor blocks (As per drawing)	No	1		
C2.3.7.3		Marker posts (As per drawing)	No	1		
C2.3.7.4		Plug stoppers (As per drawing)	No	1		
C2.3.8		Sewer connections (erf and existing line connections):				
C2.3.8.1		Erf connections (state type, depth range and drawing reference):				
		(a) Erf Connection (One-house)	No	1		
		(b) Erf Connection (Two-house)	No	1		
C2.3.8.3		Erf connections to sewer manholes:				
		(a) Erf Connection (One-house)	Sum	1		
		(b) Erf Connection (Two-house)	Sum	1		
C2.3.8.5		Breaking into an existing sewer and building a new manhole:	Sum	1		
C2.3.9		Raising and lowering existing sewer manholes:				
C2.3.9.1		Raising manholes:	No	1		
C2.3.9.2		Lowering manholes:				
		(a) As per drawing	No	1		
C2.3.10		Testing of sewer manholes	No	1		
C2.3.11		CCTV camera inspections:				
C2.3.11.1		(a) 160mm dia	m	1		

	C2.3.11.2	(b) 200mm dia	m	1		
	C2.3.21	Supply and lay water mains complete with couplings:				
	C2.3.21.1	uPVC Class 12 pipes as per the SANS 966 Part 1 (or similar) on Class B bedding for Flexible Pipelines using selected material from excavations				
		(a) 110mm dia	m	1		
		(b) 160mm dia	m	1		
	C2.3.21.2	SABS / ISO 4427 PE100, PN16, SDR 11, HDPE pipes (including all mild steel fittings and couplings) on Class B bedding for Flexible Pipelines using selected material from excavations				
		(a) 20 mm NB Class PE100 / PN16 / SDR 11	m	1		
		(b) 25 mm NB Class PE100 / PN16 / SDR 11	m	1		
	C2.3.22	Extra over item C2.3.21 for supplying and fixing water main fittings or specials complete with couplings:				
	C2.3.22.1	11.25 - 90 Degree Class 16 uPVC Bends				
		(a) 110mm dia	No	1		
		(b) 160mm dia	No	1		
	C2.3.22.2	11.25 - 90 Degree Class 16 uPVC Bends				
		(a) 20 mm NB Class PE100 / PN16 / SDR 11	No	1		
		(b) 25 mm NB Class PE100 / PN16 / SDR 11	No	1		
	C2.3.23	Extra over item C2.3.21 for supplying and fixing water main valves:				
	C2.3.23.1	Class 16 gate valves with socketed ends, anti-clockwise closing non-rising spindle type for the following sizes:				
		(a) 110mm dia	No	1		
		(b) 160mm dia	No	1		
	C2.3.24	Extra over item C2.3.21 for cutting of pipes				

	and the supplying and fixing of extra couplings:				
C2.3.24.1	SG iron fittings Grade 14 according to SABS 546, bitumen dipped, socket ending for uPVC piping according to SABS 966 with rubber rings for 1600 kPa working pressure.				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.25	Extra over items C2.3.21, C2.3.22 and C2.3.23 for supplying and installing joints with machined collars and special couplings:				
C2.3.25.1	SG iron fittings Grade 14 according to SABS 546, bitumen dipped, socket ending for uPVC piping according to SABS 966 with rubber rings for 1600 kPa working pressure.				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.26	Supplying and installing pipes, specials and valves on short pipe runs:				
C2.3.26.1	SG iron fittings Grade 14 according to SABS 546, bitumen dipped, socket ending for uPVC piping according to SABS 966 with rubber rings for 1600 kPa working pressure.				
	(a) 110mm dia	m	1		
	(b) 160mm dia	m	1		
C2.3.27	Extra over item C2.3.21 for encasing (wrapping) joints:				
C2.3.27.1	Protective pipe wrapping system for pipe joints, bends and all other exposed steel pipe specials & flanges				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.28	Installation of hydrants and water meters:				
C2.3.28.1	Supply and install Tamper proof double-lug hydrant with stainless steel spindle as shown on drawing	No	1		
C2.3.28.2	40mm Water Meter, Flanged Both Ends	No	1		
C2.3.29	Bedding for water mains (Class B and C) and fill blanket compacted to 90 % of MDD (100 % for sand):				

C2.3.29.1	Bedding using selected granular material:				
	(a) From the excavated trench material	m ³	1		
	(b) From other excavations on Site	m ³	1		
	(d) From sources provided by the Contractor	m ³	1		
	(e) From commercial sources	m ³	1		
C2.3.29.2	Selected fill blanket material:				
	(a) From the excavated trench material	m ³	1		
	(b) From other excavations on Site	m ³	1		
	(d) From sources provided by the Contractor	m ³	1		
	(e) From commercial sources	m ³	1		
C2.3.29.3	Extra over items C2.3.29.1(a) to C2.3.29.1(c) and C2.3.29.2(a) to C2.3.29.2(c) for screening material	m ³	1		
C2.3.30	Concrete for bedding (Class A) and encasement for water mains:				
C2.3.30.1	Concrete (Class A) bedding (Class 25/19 concrete)	m ³	1		
C2.3.30.2	Concrete encasement (Class 25/19 concrete)	m ³	1		
C2.3.31	Manholes, valve and hydrant chambers, etc. for water mains:				
C2.3.31.1	Manholes (state type and drawing reference)				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.31.2	Valve chambers (gate valve, single or double air valve, etc.):				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.31.3	Hydrant chambers (As per drawing)				
	(a) 110mm dia	No	1		
	(b) 160mm dia	No	1		
C2.3.33	Water main accessories (anchor or thrust blocks, pedestals or marker posts, etc.):				

C2.3.33.1	Anchor or thrust blocks (As per drawing)	No	1		
C2.3.33.2	Anchor or thrust blocks (As per drawing)	m ³	1		
C2.3.33.5	Marker posts or blocks (As per drawing)	No	1		
C2.3.34	Connections to existing water mains:				
C2.3.34.1	(As per drawing)	No	1		
C2.3.35	Raising and lowering existing manholes or valve or hydrant chambers:	%			
C2.3.35.1	Raising manholes or valve of hydrant chambers:				
	(a) (As per drawing)	No	1		
C2.3.35.2	Lowering manholes or valve or hydrant chambers:				
	(a) (As per drawing)	No	1		
C2.3.36	Disinfection of potable water pipelines:				
C2.3.36.1	(a) 110mm dia	m	1		
C2.3.36.2	(b) 160mm dia	m	1		
C2.4	ENERGY AND OTHER SERVICES				
C2.4.1	Bedding for electric power cables using material:				
C2.4.1.1	Selected from the excavated trench material	m ³	1		
C2.4.1.2	Selected from other excavations on site	m ³	1		
C2.4.1.4	Selected from sources provided by the Contractor	m ³	1		
C2.4.1.5	From commercial sources:				
	(a) Uncrushed material (G7)	m ³	1		
	(b) Crushed stone material (13.2mm aggregates)	m ³	1		
C2.4.2	Concrete for bedding and encasement for electric power cables:				
C2.4.2.1	Concrete bedding (Class C16 / 20-20 concrete)	m ³	1		
C2.4.2.2	Concrete encasement of cables (Class C16 / 20-20 concrete)	m ³	1		
C2.4.3	Cable laying accessories (warning tape, protection slabs, markers, etc.):				
C2.4.3.1	Electrical warning tape (As per drawing)	m	1		

C2.4.3.2	Concrete slab protection (As per drawing)	m	1		
C2.4.3.3	Cable markers (As per drawing)	No	1		
	TOTAL CARRIED FORWARD TO SUMMARY				

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Part C3.2: Pricing

Data Section C3.1:

DRAINS

Item	Payment	Description	Unit	Qty	Rate	Amount
	Reference				(R)	(R)
C3.1		DRAINS				
C3.1.1		Excavation for open drains:				
	C3.1.1.1	Excavating all material situated within the following depth ranges below the surface level using conventional methods:				
		(a) 0 m to 1,5 m	m ³	1		
		(b) Exceeding 1,5 m and up to 3,0 m	m ³	1		
	C3.1.1.2	Extra over sub-item C3.1.1.1 for excavation in hard and boulder material irrespective of depth	m ³	1		
	C3.1.1.3	Extra over sub-item C3.1.1.1 for excavation in stabilised existing road layers, irrespective of depth	m ³	1		
C3.1.1.4		Excavating soft material situated 0 m to 1,5 m below the surface level using labour enhanced construction methods	m ³	1		
	C3.1.1.5	Excavating intermediate material situated 0 m to 1,5 m below the surface level using labour enhanced construction methods	m ³	1		
C3.1.2		Clearing, shaping and disposal of accumulated sediment in existing unlined open drains				
	C3.1.2.1	Using conventional methods	m ³	1		
	C3.1.2.2	Using labour enhanced construction methods	m ³	1		
C3.1.3		Excavation, clearing and disposal of accumulated sediment in existing lined drains and drainage systems				
	C3.1.3.1	Using conventional methods (up to 1,5 m):				
		(a) (Manholes and inlet and outlet structures)	m ³	1		
		(b) Culvert barrels)	m ³	1		
		(c) Concrete or other lined side drains)	m ³	1		

	C3.1.3.2	Using conventional methods (in excess of 1,5 m):				
		(a) Manholes and inlet and outlet structures	m ³	1		
		(b) Culvert barrels	m ³	1		
		(c) Concrete or other lined side drains	m ³	1		
	C3.1.3.3	Using labour enhanced construction methods:				
		(a) Manholes and inlet and outlet structures	m ³	1		
		(b) Culvert barrels	m ³	1		
		(c) Concrete or other lined side drains	m ³	1		
C3.1.4		Excavation and disposal of material for subsoil drainage systems:				
	C3.1.4.1	Excavating in all material situated within the following depth ranges below the surface:				
		(a) 0 m to 1,5 m	m ³	1		
		(b) Exceeding 1,5 m and up to 3,0 m	m ³	1		
	C3.1.4.2	Excavating soft material situated within 0 m to 1,5 m below the surface level using labour enhanced construction methods	m ³	1		
	C3.1.4.3	Excavating intermediate material situated within 0 m to 1,5 m below the surface level using labour enhanced construction methods	m ³	1		
	C3.1.4.4	Extra over sub-item C3.1.4.1 for excavation in hard and boulder material, irrespective of depth	m ³	1		
	C3.1.4.5	Extra over sub-item C3.1.4.1 for excavation through stabilised existing road layers	m ³	1		
C3.1.5		Impermeable backfilling to subsoil drainage systems:				
	C3.1.5.1	Un-stabilised natural gravel obtained from approved sources on the site	m ³	1		
	C3.1.5.2	G5 material obtained from commercial sources	m ³	1		

	C3.1.5.3	Extra over items C3.1.5.1 and C3.1.5.2 for stabilisation with 4,0 % CEM II (32.5) cement	m ³	1		
C3.1.6		Construction of banks and dykes:				
	C3.1.6.1	Banks and dykes using conventional methods	m ³	1		
	C3.1.6.2	Banks and dykes using labour enhanced construction methods	m ³	1		
C3.1.7		Natural permeable material in subsoil drainage systems (approved crushed stone):				
	C3.1.7.1	Crushed stone obtained from approved sources on the site (Coarse grade, 13.2mm)	m ³	1		
	C3.1.7.2	Crushed stone obtained from commercial sources (Coarse grade, 19mm)	m ³	1		
C3.1.8		Natural permeable material in subsoil drainage systems (approved natural sand):				
	C3.1.8.1	Natural sand obtained from approved sources	m ³	1		
	C3.1.8.2	Natural sand from commercial sources	m ³	1		
C3.1.9		Pipes in subsoil drainage systems:				
	C3.1.9.1	U-PVC pipes and fittings, normal duty, complete with couplings (160mm dia slotted)	m	1		
C3.1.10		Polymer film sheeting or similar approved material, for lining subsoil drainage systems:				
	C3.1.10.1	0,15 mm thick	m ²	1		
	C3.1.10.2	0,25 mm thick	m ²	1		
C3.1.11		Geotextiles				
		Nonwoven, continuous filament, needle-punched polyester geotextile (170 g/m ²)	m ²	1		
		Nonwoven, continuous filament, needle-punched polyester geotextile (200 g/m ²)	m ²	1		
C3.1.13		Concrete outlet structures, manhole boxes,				

		junction boxes and				
	C3.1.13 .1	Outlet structures (As per drawing)	No	1		
	C3.1.13 .2	Inspection boxes (As per drawing)	No	1		
	C3.1.13 .3	Junction boxes (As per drawing)	No	1		
	C3.1.13 .4	Cleaning eyes (As per drawing)	No	1		
C3.1.14		Caps for subsoil drain pipes:				
	C3.1.14 .1	Concrete caps	No	1		
	C3.1.14 .2	Cast metal iron caps	No	1		
	C3.1.14 .3	Other (glass fibre reinforced, PVC, etc.)	No	1		
C3.1.15		Repairing or replacing existing drainage systems	prov sum	1		
C3.1.16		Loading and hauling of material in excess of 1,0 km	m ³ -km	1		
C3.1.17		Backfilling existing eroded side drains	m ³	1		
C3.1.18		Backfilling of drains with selected material compacted to 93 % of MDD prior to construction of concrete lining and / or stone pitched lining	m ³	1		
C3.1.19		Exposing of existing subsoil drains	m ³	1		
C3.1.20		Breaking into existing drainage structures and install subsoil drain pipe	No	1		
C3.1.21		Clearing of existing subsoil drains:				
	C3.1.21 .1	Cleaning rod, brush and flushing	m	1		
	C3.1.21 .2	Hydro jetting	m	1		
	C3.1.22	Test flushing of subsoil drain pipe systems	No	1		
	C3.1.23	Subsoil drain outlet marker (As per drawing)	No	1		

	C3.1.24	Submission of as built drawings by the Contractor	prov sum	1		
TOTAL CARRIED FORWARD TO SUMMARY						

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)

Part C3.2: Pricing

Data Section C3.2:

Culverts

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C3.2		CULVERTS				
C3.2.1		Excavation for culvert structures:				
C3.2.1.1		Excavating in all material situated within the following depth ranges below the surface level:				
		(a) 0 m to 1,5 m	m ³	1		
		(b) Exceeding 1,5 m and up to 3,0 m	m ³	1		
		(c) Exceeding 3,0 m and up to 4,0 m	m ³	1		
C3.2.1.2		Excavating soft material 0 m to 1,5 m below the surface level using labour enhanced construction methods, or instructed by hand under Clause A3.2.7.2d)	m ³	1		
C3.2.1.3		Excavating intermediate material 0 m to 1,5 m below the surface level using labour enhanced construction methods, or instructed by hand under Clause A3.2.7.2d)	m ³	1		
C3.2.1.4		Extra over sub-item C3.2.1.1 for excavation in hard or boulder material, irrespective of depth	m ³	1		
C3.2.1.5		Extra over sub-item C3.2.1.1 for excavation in stabilised existing road layers, irrespective of depth	m ³	1		
C3.2.2		Backfilling:				
C3.2.2.1		Using the excavated material	m ³	1		
C3.2.2.2		Using imported selected material:				
		(a) From commercial sources (G7)	m ³	1		
		(b) From sources on site (G7)	m ³	1		
C3.2.2.3		Extra over sub-items C3.2.2.1 and C3.2.2.2 for soil cement backfilling:				
		(a) With wet mixture of 3 % cement	m ³	1		
		(b) With dry mixture of 3 % cement	m ³	1		
		(c) Variation in cement	kg	1		
C3.2.2.4		Extra over sub-items C3.2.2.1 and C3.2.2.2 for screed layers (class of concrete pipe as indicated)	m ³	1		

C3.2.3			Concrete pipe culverts:					
	C3.2.3.1		On Class A bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)					
			450mm dia	m	1			
			550mm dia	m	1			
			600mm dia	m	1			
			750mm dia	m	1			
			900mm dia	m	1			
	C3.2.3.2		On Class B bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)					
			450mm dia	m	1			
			550mm dia	m	1			
			600mm dia	m	1			
			750mm dia	m	1			
			900mm dia	m	1			

C3.2.3.3	On Class C bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
	450mm dia	m	1		
	550mm dia	m	1		
	600mm dia	m	1		
	750mm dia	m	1		
	900mm dia	m	1		
C3.2.3.3	On Class C bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
	450mm dia	m	1		
	550mm dia	m	1		
	600mm dia	m	1		
	750mm dia	m	1		
	900mm dia	m	1		
C3.2.3.4	On Class D bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
	450mm dia	m	1		
	550mm dia	m	1		
	600mm dia	m	1		
	750mm dia	m	1		
	900mm dia	m	1		
C3.2.3.5	Provision of skew ends of pipe culvert				
	450mm dia	No	1		
	550mm dia	No	1		
	600mm dia	No	1		
	750mm dia	No	1		
	900mm dia	No	1		
	Rectangular culverts with prefabricated elements:				
C3.2.5.1	Prefabricated portal culverts; wall and roof combination				
	600 mm x 450 mm Class 200S	m	1		
	900 mm x 450 mm Class 175S	m	1		
	1200 mm x 450 mm Class 150S	m	1		
	600 mm x 600 mm Class 200S	m	1		
	900 mm x 600 mm Class 175S	m	1		
	1200mm x 600 mm Type 150s	m	1		
	1200 mm x 900 mm Class 150S	m	1		
	1800 mm x 1800 mm Class 75S	m	1		
C3.2.6	Extra over items C3.2.3, C3.2.4 and C3.2.5 for constructing inclined culverts	m	1		

C3.2.7	Cast-in-situ concrete and formwork:				
C3.2.7.1	In Class A bedding, screeds, concrete backfill and the encasing for pipes, including formwork (Class 30/20)	m ³	1		
C3.2.7.2	In complete in-situ floor slabs for rectangular culverts, manholes and catchpits including formwork, joints and Class U2 surface finish (Class 30/20) (installed at a standard depth of 1,0 m)	m ³	1		
C3.2.7.3	In walls, excluding formwork but including Class U2 surface finish (Class 30/20)	m ³	1		
C3.2.7.4	In roof slabs for rectangular culverts, excluding formwork but including Class U2 surfacing finish and joints (Class 30/20)	m ³	1		
C3.2.7.5	In inlet and outlet structures including kerbs, chutes and downpipes, skewed ends, catchpits, manholes, thrust and anchor blocks, excluding formwork but including Class U2 surfacing finish (Class 30/20)	m ³	1		
C3.2.7.6	Formwork of concrete under items C3.2.7.3 to 5 above	m ²	1		

		Vertical formwork for F1 surface finish	m ²	1		
		Vertical formwork for F2 surface finish	m ²	1		
	C3.2.7.7	Concrete linings for the inverts of metal culverts, including formwork and Cla	m ³	1		
C3.2.8		Concrete backfill or encasement for culverts (Class 20/20)	m ³	1		
C3.2.9		Prefabricated concrete inlets and outlets to culverts (Class 30/20)	No	1		
C3.2.10		Reinforcement:				
	C3.2.10.1	Mild steel bars	t	1		
	C3.2.10.2	High-tensile steel bars	t	1		
	C3.2.10.3	Welded steel fabric (Ref 3.95)	kg	1		
	C3.2.11	Anchoring of reinforcing steel:	No	1		
	C3.2.13	Removing and re-laying existing culverts:				
	C3.2.13.1	Removing and stacking existing culverts for re-use				
		450mm dia	m	1		
		600mm dia	m	1		
	C3.2.13.2	Removing and re-laying existing culverts without stacking on Class B bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
		450mm dia	m	1		
		600mm dia	m	1		
	C3.2.13.3	Re-laying existing culverts from stacking on Class B bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
		450mm dia	m	1		
		600mm dia	m	1		
	C3.2.14	Protective mastic asphalt coating for corrugated metal culvert units by spray gun	m ²	1		
	C3.2.15	Manholes and catch pits, with prefabricated elements:				
	C3.2.15.1	Prefabricated floors (installed at a standard depth of 1,0 m):				
		(a) As per drawing	No	1		
	C3.2.15.2	Prefabricated roofs:				

	(a) As per drawing	No	1		
C3.2.15.3	Prefabricated walls:				
	(a) As per drawing	m	1		
C3.2.15.4	Extra over item C3.2.15.1 and C3.2.7.2 for variations in the depths of all types of concrete manholes with prefabricated, or in-situ concrete or brickwork wall combinations deeper than 1,0 m designated for tendering purposes	m	1		
C3.2.16	Brickwork (engineering bricks):				
C3.2.16.1	115 mm thick	m ²	1		
C3.2.16.2	230 mm thick	m ²	1		
C3.2.16.3	345 mm thick	m ²	1		
C3.2.17	Plaster	m ²	1		
C3.2.18	Benching	m ³	1		
C3.2.19	Accessories:				

C3.2.19.1		Manhole covers including frames				
		Type 2A, SABS 558/1973	No	1		
		Type 2B, SABS 558/1973	No	1		
		Type 4, SABS 558/1973	No	1		
C3.2.19.2		Inlet grids or covers				
		Type 6, SABS 1115	No	1		
		TPA type 40	No	1		
		TPA type 80	No	1		
C3.2.19.7		Step irons				
		Galvanised step irons to BS1247	No	1		
		Galvanised reinforcing bar	No	1		
C3.2.20		Anchors for pipes (description)	No			
C3.2.21		Prefabricated reinforced-concrete skew end units for concrete culverts constructed at a skew angle on Class B bedding (Concrete pipe culverts Ogee type, Class SC: Class 100D pipes)				
		450mm dia	No	1		
		550mm dia	No	1		
		600mm dia	No	1		
		750mm dia	No	1		
		900mm dia	No	1		
C3.2.22		Cutting of concrete pipes (450mm dia to 900mm dia)	No	1		
C3.2.23		Breaking into existing drainage structures and building in pipes or culverts of the following size (450mm dia to 900mm dia)	No	1		
C3.2.24		Compaction of bedding for inlets, outlets, manholes and catchpits:				
	C3.2.24.1	Preparation and compaction of in-situ bedding material to 90 % of MDD (up to 300mm)	m ³	1		
	C3.2.24.2	Extra-over sub-item C3.2.24.1 for compaction to 93 % of MDD (up to 300mm)	m ³	1		

C3.2.25		Painting of exposed steel bars with two coats of zinc rich primer (type specified)	ℓ	1		
C3.2.27		Repair with epoxy mortar	ℓ	1		
	C3.3	CONCRETE KERBING AND CHANNELING, ASPHALT BERMS, CHUTES, DOWNPIPES, CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS				
	C3.3.1	Concrete kerbing:				
	C3.3.1.1	Prefabricated kerbing to be bedded on material that consists of crushed stone, cinders, slag, sand or other approved porous material with a maximum particle size of 13,2 mm:				
		(a) SANS 927 fig. 3 kerb				
		Radius 1 m to 4 m	m	1		
		Radius 4.01 m to 20 m	m	1		
		Straight and to radius not less than 20 m	m	1		
		(b) SANS 927 fig. 4				
		Radius 1 m to 4 m	m	1		
		Radius 4.01 m to 20 m	m	1		
		Straight and to radius not less than 20 m	m	1		

			(c) SANS 927 fig. 7				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
			(d) SANS 927 fig. 8c				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
	C3.3.1. 2		Cast-in-situ kerbing:				
			(a) Fig 3 (class 20/19)				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
			(b) Fig 4 (class 20/19)				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
			(c) Fig 7 (class 20/19)				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
			(d) Fig 8c (class 20/19)				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
	C3.3.2		Concrete kerbing-channeling combination:				
	C3.3.2.1		Prefabricated kerbing-channeling to be bedded on material that consists of crushed stone, cinders, slag, sand or other approved porous material with a maximum particle size of 13,2 mm (300mm wide cast in situ concrete				

		channel)				
		(a) Precast SANS 927 fig. 3 kerb and with 300mm cast in situ class 30/20 concrete channel as shown on drawings				
		Radius 1 m to 4 m	m	1		
		Radius 4.01 m to 20 m	m	1		
		Straight and to radius not less than 20 m	m	1		
		(b) Precast SANS 927 fig. 4 kerb and with 300mm cast in situ class 30/20 concrete channel as shown on drawings				
		Radius 1 m to 4 m	m	1		
		Radius 4.01 m to 20 m	m	1		
		Straight and to radius not less than 20 m	m	1		
		(c) Precast SANS 927 fig. 7 kerb and with 300mm cast in situ class 30/20 concrete channel as shown on drawings				
		Radius 1 m to 4 m	m	1		

			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
			(d) Precast SANS 927 fig. 8c kerb and with 300mm cast in situ class 30/20 concrete channel as shown on drawings				
			Radius 1 m to 4 m	m	1		
			Radius 4.01 m to 20 m	m	1		
			Straight and to radius not less than 20 m	m	1		
	C3.3.3		Extra over items C3.3.1 and C3.3.2 for concrete kerbing or concrete kerbing and channeling on curves:				
	C3.3.3.1		On curves of radii more than or equal to 5,0 m but less than 20,0 m	m	1		
	C3.3.3.2		On curves with radii more than or equal to 1,0 m but less than 5,0 m	m	1		
	C3.3.3.3		On curves with radii less than 1,0 m	m	1		
	C3.3.4		Extra over item C3.3.2 for drop kerbs at pedestrian crossings and driveways	m	1		
	C3.3.5		Asphalt berms:				
	C3.3.5.1		Asphalt berms placed where there are no vehicle restraint systems	m	1		
	C3.3.5.2		Asphalt berms placed at existing vehicle restraint systems	m	1		
	C3.3.5.3		Prime coat (MC -10 cut-back bitumen)	m ²	1		
	C3.3.5.4		Bond coat (Stable – grade 30 % net bitumen emulsion as specified. Applied with a calibrated distributor)	m ²	1		
	C3.3.6		Concrete chutes (typical designs):				
	C3.3.6.1		Prefabricated concrete chutes	m	1		
	C3.3.6.2		Cast-in-situ concrete chutes	m	1		
	C3.3.6.3		Stone pitched chutes	m	1		
	C3.3.7		Cast-in-situ concrete chutes (measured by components):				
	C3.3.7.1		Concrete (class 25/20)	m ³	1		
	C3.3.7.2		Formwork (F2 surface finish)	m ²	1		
	C3.3.7.3		Stone pitched chutes:				

		(a) Grouted stone pitching	m ²	1			
		(b) Grouted stone pitching on a concrete bed (class 25/20)	m ²	1			
	C3.3.8	Linings for open drains:					
	C3.3.8.1	Cast-in-situ concrete lining					
		Cast in-situ concrete lining class 25/19 for 1200 mm wide, 150 mm thick sid	m ³	1			
		Cast in-situ concrete lining class 25/19 for 1500 mm wide, 150 mm thick sid	m ³	1			
		Cast in-situ concrete lining class 25/19 for 1500 mm wide, 150 mm thick sid	m ³	1			
		Cast in-situ concrete lining class 25/19 for 1500 mm wide, 150 mm thick sid	m ³	1			
		Cast in-situ concrete lining class 25/19 for 2400 mm wide, 150 mm thick sid	m ³	1			
		Cast in-situ concrete lining class 25/19 for 2000 mm wide, 150 mm thick sid	m ³	1			
	C3.3.8.2	Class U2 surface finish to cast-in-situ concrete (for all open drains)	m ²	1			
	C3.3.8.3	Stone pitched lining (200 mm thickness):					
		(a) Grouted stone pitching	m ²	1			
		(b) Grouted stone pitching on a concrete bed (class 25/20)	m ²	1			
	C3.3.9	Formwork to cast-in-situ concrete lining for open drains (Class F2 surface finish):					

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Part C3.3: Pricing Data						
Section C3.3: Concrete kerbing and channeling, asphalt berms, chutes, downpipes, as well as concrete, stone pitched and gabion linings for open drains						
Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C3.3.1		Concrete kerbing:				
	C3.3.1.1	Prefabricated kerbing (Various types of kerb to SABS 927 with in-situ concrete class 15/19 bedding and continuous haunching)				
		<u>Supply and install precast concrete kerbing</u>				
		<u>(a) 1. Fig 3 kerbing</u>				
		.1 Straight sections	m	1		
		.2 Curved sections, radius over 20m	m	1		
		.3 Curved sections, radius over 4m, but up to and including 20m	m	1		
		.4 Curved sections, radius over 1m, but up to and including 4m	m	1		
		<u>(a) 2. Fig 7 kerbing</u>				
		.1 Straight sections	m	1		
		.2 Curved sections, radius over 20m	m	1		
		.3 Curved sections, radius over 4m, but up to and including 20m	m	1		
		.4 Curved sections, radius over 1m, but up to and including 4m	m	1		
		<u>(a) 3. Fig 8C kerbing</u>				
		.1 Straight sections	m	1		
		.2 Curved sections, radius over 20m	m	1		
		.3 Curved sections, radius over 4m, but up to and including 20m	m	1		
		.4 Curved sections, radius over 1m, but up to and including 4m	m	1		
		<u>(a) 4. Other</u>				
		.1 Straight sections	m	1		
		.2 Curved sections, radius over 20m	m	1		
		.3 Curved sections, radius over 4m, but up to and including 20m	m	1		
		.4 Curved sections, radius over 1m, but up to and including 4m	m	1		
C3.3.3		Extra over items C3.3.1 and C3.3.2 for concrete kerbing or concrete kerbing and channeling on curves				
	C3.3.3.1	On curves of radii more than or equal to 5,0m but less than 20m	m	1		
	C3.3.3.2	On curves with radii more than or equal to 1,0m but less than 5,0m	m	1		
	C3.3.3.3	On curves with radii less than 1,0m	m	1		
C3.3.4		Extra over item C3.3.2 for drop kerbs at pedestrian crossings and driveways	m	1		
C3.3.14		Cutting bituminous surfacing and pavement layers for concrete kerbing, channeling or concrete-lined drains	m	1		

C3.3.15		Energy dissipaters in outlet structures				
	C3.3.15 .1	Precast concrete blocks in outlet structures	No.	1		
C3.3.16		Demolition and removal of existing kerbs and/or channel (<i>various sizes</i>)	m ³	1		
TOTAL CARRIED FORWARD TO SUMMARY						

	Item	Description	Unit	Quantity	Rate	Amount R
	C4.2	CUT MATERIALS				
	C4.2.1	Compiling and implementing M&U plans for the cuttings:				
	C4.2.1.1	Cuttings exceeding 5 000 m ³ up to 10 000 m ³	No	1		
	C4.2.1.2	Cuttings exceeding 10 000 m ³ up to 20 000 m ³	No	1		
	C4.2.1.3	Cuttings exceeding 20 000 m ³ up to 50 000 m ³	No	1		
	C4.2.1.4	Cuttings exceeding 50 000 m ³ up to 100 000 m ³	No	1		
	C4.2.1.5	Cuttings larger than 100 000 m ³	No	1		
	C4.2.2	Additional material investigations during the supplementary exploration:				
	C4.2.2.1	Cost of additional trial pits and / or drilling and laboratory testing	prov sum	1		
	C4.2.2.2	Handling costs and profit in respect of item C4.2.2.1	%	0		
	C4.2.3	Excavating of materials in cuttings, material obtained from:				
	C4.2.3.1	Soft excavation	m ³	1		
	C4.2.3.2	Boulder excavation class A	m ³	1		
	C4.2.3.3	Boulder excavation class B	m ³	1		
	C4.2.3.4	Hard excavation (other than by blasting)	m ³	1		
	C4.2.3.5	Hard excavation (by blasting)	m ³	1		
	C4.2.4	Excavating of materials in box cuts, material obtained from:				
	C4.2.4.1	Soft excavation	m ³	1		
	C4.2.4.2	Boulder excavation class A	m ³	1		
	C4.2.4.3	Boulder excavation class B	m ³	1		
	C4.2.4.4	Hard excavation (other than by blasting)	m ³	1		
	C4.2.4.5	Hard excavation (by blasting)	m ³	1		
	C4.2.5	Excavating of materials in designated excavations, material obtained from:				
	C4.2.5.1	Soft excavation	m ³	1		
	C4.2.5.2	Boulder excavation class A	m ³	1		

	C4.2.5.3	Boulder excavation class B	m ³	1		
	C4.2.5.4	Hard excavation (other than by blasting)	m ³	1		
	C4.2.5.5	Hard excavation (by blasting)	m ³	1		
	C4.2.6	Widening of existing cuttings:				
	C4.2.6.1	Soft excavation	m ³	1		
	C4.2.6.2	Boulder excavation class A	m ³	1		
	C4.2.6.3	Boulder excavation class B	m ³	1		
	C4.2.6.4	Hard excavation (other than by blasting)	m ³	1		
	C4.2.6.5	Hard excavation (by blasting)	m ³	1		
	C4.2.7	Removal of unsuitable stable cut material to spoil:				
	C4.2.7.1	In layer thicknesses of 200 mm and less	m ³	1		
	C4.2.7.2	In layer thicknesses exceeding 200 mm	m ³	1		
	C4.2.8	Excavate material to spoil in sites designated by the Employer, material obtained from:				
	C4.2.8.1	Soft excavation, overburden and unsuitable material	m ³	1		
	C4.2.8.2	Boulder excavation class A	m ³	1		
	C4.2.8.3	Boulder excavation class B	m ³	1		
	C4.2.8.4	Hard excavation (other than by blasting)	m ³	1		
	C4.2.8.5	Hard excavation (by blasting)	m ³	1		
	C4.2.9	Excavate material to spoil in sites designated by the Contractor, material obtained from:				
	C4.2.9.1	Soft excavation, overburden and unsuitable material	m ³	1		
	C4.2.9.2	Boulder excavation class A	m ³	1		

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Part C4.3: Pricing Data

Section C4.3: Existing Road Materials

Item	Payment Reference		Unit	Qty	Rate (R)	Amount (R)
C4.3.1		Additional material investigations				
	C4.3.1.1	Cost of additional core drilling and trial pits, sampling of asphalt and laboratory testing	Prov. Sum	1	R10 000	R 10 000,00
	C4.3.1.2	Handling cost and profit in respect of item C4.3.1.1	%	R10 000		
C4.3.2		Cleaning the existing road surface				
	C4.3.2.1	Cost to clean the road surface	Prov. Sum	1	R10 000	R 10 000,00
	C4.3.2.2	Handling costs and profit in respect of item C4.3.2.1	%	R10 000		
C4.3.3		Removal of bituminous seal surfacing (thickness not exceeding 30mm)	m ²	1		
C4.3.4		Saw-cutting existing materials within the following average depth ranges				
	C4.3.4.1	Asphalt material:				
		(a) Up to 50 mm	m	1		
		(b) Exceeding 50 mm and up to 100 mm	m	1		
		(c) Exceeding 100 mm and up to 150 mm	m	1		
	C4.3.4.2	(a) Crushed stone and gravel material:				
		(b) Up to 100 mm	m	1		
		Exceeding 100 mm and up to 200 mm	m	1		
	C4.3.4.3	Cemented material:				
		(a) Up to 100 mm	m	1		
		(b) Exceeding 100 mm and up to 200 mm	m	1		
	C4.3.4.3	Cemented material:				
		(a) Up to 100 mm	m	1		

		(b) Exceeding 100 mm and up to 200 mm	m	1		
	C4.3.4. 4	Concrete material:				
		(a) Up to 50 mm	m	1		
		(b) Exceeding 50 mm and up to 100 mm	m	1		
		(c) Exceeding 100 mm and up to 150 mm	m	1		
C4.3.5		Providing the milling machine on the site				
	C4.3.5. 1	Small milling machine with a cutting width of 1,2m or smaller	No.	1		
	C4.3.5. 2	Large milling machine with a cutting width exceeding 1,2m	No.	1		
C4.3.6		Milling and removal of existing asphalt layers with an average milling depth (Contractor takes ownership)				
	C4.3.6. 1	Not exceeding 50mm	m ³	1		
	C4.3.6. 2	Exceeding 50mm but not exceeding 100mm	m ³	1		
	C4.3.6. 3	Exceeding 100 mm	m ³	1		
C4.3.8		Excavating material by milling				
	C4.3.8. 1	Crushed stone material	m ³	1		
	C4.3.8. 2	Cemented material	m ³	1		
	C4.3.8. 3	Natural gravel material	m ³	1		

C4.3.9		Excavating material by using conventional road construction equipment				
	C4.3.9.1	Asphalt material	m ³	1		
	C4.3.9.2	Crushed stone and macadam materials	m ³	1		
	C4.3.9.3	Cemented material	m ³	1		
	C4.3.9.4	Natural gravel and sand materials	m ³	1		
	C4.3.9.5	Coarse fill and rock fill	m ³	1		
C4.3.10		Excavating material by using labour enhanced methods of construction				
	C4.3.10.1	Asphalt material	m ³	1		
	C4.3.10.2	Crushed stone and macadam materials	m ³	1		
	C4.3.10.3	Cemented material	m ³	1		
	C4.3.10.4	Natural gravel and sand materials	m ³	1		
C4.3.11		Breaking down a stabilised layer by using conventional road construction equipment	m ³	1		

C4.3.12		Removing of existing concrete material within the following average depth ranges				
	C4.3.1 2.1	The break-up method:				
		(a) Not exceeding 150 mm	m ³	1		
		(b) Exceeding 150 mm but not exceeding 250 mm	m ³	1		
	C4.3.1 2.2	The break-up method using labour enhanced methods of construction:				
		(a) Not exceeding 75 mm	m ³	1		
		(b) Exceeding 75 mm but not exceeding 200 mm	m ³	1		
	C4.3.1 2.3	The lift-out method:				
		(a) Not exceeding 150 mm	m ³	1		
		(b) Exceeding 150 mm but not exceeding 250 mm	m ³	1		
C4.3.13		Lifting of existing paving blocks (various sizes)				
	C4.3.1 3.1	Using construction equipment	m ²	1		
	C4.3.1 3.2	Using labour enhanced methods of construction	m ²	1		
C4.3.14		Removing of existing road edging and services structures				
	C4.3.1 4.1	Removing of existing road edging using construction equipment:				
		(a) Kerbing and edge beams:				
		(i) In situ concrete kerbing and edge beams	m ³	1		
		(ii) Precast concrete kerbing (<i>figure 3, 7 and 8c</i>)	m	1		
		(iii) Precast concrete kerbing (<i>figure 3, 7 and 8c</i>) and situ concrete channel	m	1		
		(b) Kerb inlets	No.	1		
		(c) Grid inlets	No.	1		
	C4.3.1 4.2	Removing of existing road edging using labour enhanced methods of construction:				
		(a) Kerbing and edge beams:				
		(i) In situ concrete kerbing and edge beams	m ³	1		
		(ii) Precast concrete kerbing (<i>figure 3, 7 and 8c</i>)	m	1		

		(iii) Precast concrete kerbing (<i>figure 3, 7 and 8c</i>) and situ concrete channel	m	1		
		(b) Kerb inlets	No.	1		
		(c) Grid inlets	No.	1		
C4.3.15		Stockpiling of road layer materials				
	C4.3.1 5.1	Asphalt material	m ³	1		
	C4.3.1 5.2	Crushed stone material	m ³	1		
	C4.3.1 5.3	Cemented material	m ³	1		
	C4.3.1 5.4	Natural gravel material	m ³	1		
	C4.3.1 5.5	Concrete pavements	m ³	1		
C4.3.16		Stacking paving blocks and road edging				
	C4.3.1 6.1	Paving blocks (80 mm interlock grey)	No.	1		
	C4.3.1 6.2	Precast concrete kerbing	No.	1		
	C4.3.1 6.3	Precast kerb inlets	No.	1		
	C4.3.1 6.4	Precast manholes	No.	1		
C4.3.17		Excavate non-compliant or excess pavement layer material to spoil in sites designated by the Employer, material consisting of				
	C4.3.1 7.1	Asphalt material	m ³	1		
	C4.3.1 7.2	Crushed stone, macadam, gravel and sand material	m ³	1		
	C4.3.1 7.3	Cemented material	m ³	1		
	C4.3.1 7.4	Concrete material	m ³	1		

C4.3.18		Excavate non-compliant or excess pavement layer material to spoil in sites designated by the Contractor, material consisting of				
	C4.3.1 8.1	Asphalt material	m ³	1		
	C4.3.1 8.2	Crushed stone, macadam, gravel and sand material	m ³	1		
	C4.3.1 8.3	Cemented material	m ³	1		
	C4.3.1 8.4	Concrete material	m ³	1		
C4.3.19		Spoiling of paving blocks and road edging in spoil sites designated by the Employer				
	C4.3.1 9.1	Paving blocks	m ³	1		
	C4.3.1 9.2	Precast and in situ concrete kerbing, edge beams and channels at precast kerbing	m ³	1		
	C4.3.1 9.3	Kerb and grid inlets, and other services structures	No.	1		
C4.3.20		Spoiling of paving blocks and road edging in spoil sites designated by the Contractor				
	C4.3.2 0.1	Paving blocks	m ³	1		
	C4.3.2 0.2	Precast and in situ concrete kerbing, edge beams and channels at precast kerbing	m ³	1		
	C4.3.2 0.3	Kerb and grid inlets, and other services structures	No.	1		
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Part C4.4: Pricing Data

Section C4.4: Commercial Materials

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C4.4.1		Commercial materials identified by the Employer from commercial, private or other non-commercial suppliers				
	C4.4.1.1	Pavement layer material:				
		(a) Type G1 material	m ³	1		
		(b) Type G2 Material	m ³	1		
		(c) Type G3 material	m ³	1		
		(d) Type G4 material	m ³	1		
		(e) Type G5 material	m ³	1		
		(f) Type G6 Material	m ³	1		
		(g) Type G7 material	m ³	1		
		(h) Type G8 material	m ³	1		
		(i) Type G9 materials	m ³	1		
		(m) Sand for the base and shoulder layers	m ³	1		
		(n) Sand for a subbase layer	m ³	1		
		(o) Sand for a selected layer	m ³	1		
		(p) Natural or crushed gravel material for an unsealed shoulder layer	m ³	1		
		(q) Natural or crushed gravel material for the wearing course of an unsealed road	m ³	1		
	C4.4.1.2	Macadam material:				
		(a) Coarse aggregate	m ³	1		
		(b) Fine aggregate	m ³	1		
	C4.4.1.3	Drainage blanket layer material	m ³	1		
	C4.4.1.4	Soil cement material (pre-blended by the supplier)	m ³	1		
	C4.4.1.5	Fill material in the earthworks:				
		(a) Normal or coarse fill	m ³	1		
		(b) Rock fill	m ³	1		
		(c) Sand	m ³	1		
	C4.4.1.6	Pioneer material	m ³	1		
C4.4.2		Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers:				
	C4.4.2.1	Pavement layer material:				
		(a) Type G1 material	m ³	1		
		(b) Type G2 material	m ³	1		
		(c) Type G4 material	m ³	1		
		(d) Type G5 material	m ³	1		
		(e) Type G6 material	m ³	1		
		(f) Type G7 material	m ³	1		
		(g) Type G8 material	m ³	1		
		(h) Type G9 material	m ³	1		
		(m) Sand for the base and shoulder layers	m ³	1		

		(n)	Sand for a subbase layer	m ³	1		
		(o)	Sand for a selected layer	m ³	1		
		(p)	Natural or crushed gravel material for an unsealed shoulder layer	m ³	1		

		(q)	Natural or crushed gravel material for the wearing course of an unsealed road	m³	1		
	C4.4.2.2		Macadam material:				
		(a)	Coarse aggregate	m³	1		
		(b)	Fine aggregate	m³	1		
	C4.4.2.3		Drainage blanket layer material	m³	1		
	C4.4.2.4		Soil cement material (pre-blended by the supplier)	m³	1		
	C4.4.2.5		Fill material in the earthworks:				
		(a)	Normal or coarse fill	m³	1		
		(b)	Rock fill	m³	1		
		(c)	Sand	m³	1		
	C4.4.2.6		Pioneer material	m³	1		
C4.4.3			Cost to procure commercial materials identified by the Employer from private or non-commercial sources:				
	C4.4.3.1		Cost of procuring	prov sum	1		
	C4.4.3.2		Handling cost and profit in respect of item C4.4.3.1	%	1		
C4.4.4			Cementitious stabilising agents:				
	C4.4.4.1		Cement (CEM II A-S (32.5) N)	t	1		
	C4.4.4.2		Road lime (hydrated CaCO3 or MgCO3)	t	1		
C4.4.5			Bituminous stabilising agents:				
	C4.4.5.1		Penetration grade bitumen (60/70 penetration grade)	t	1		
	C4.4.5.2		Emulsion stable grade (60%)	t	1		
C4.4.6			Fillers for bituminous stabilisation				
			Road lime (hydrated CaCO3 or MgCO3)	t	1		
			Cement (CEM II A-S (32.5) N)	t	1		
			Fly ash	t	1		
C4.4.7			Sampling and material testing by a commercial laboratory for the stabilisation designs:				
	C4.4.7.1		Cost of sampling and material testing	prov sum	1	R 15 000,00	15 000,00
	C4.4.7.2		Handling cost and profit in respect of item C4.4.7.1	%		R 15 000,00	
TOTAL CARRIED FORWARD TO SUMMARY							

Item	Description	Unit	Quantity	Rate	Amount R
C4.5	ALTERNATIVE MATERIALS				
C4.5.1	Additional material investigations:				
C4.5.1.1	Cost of sampling and laboratory testing	prov sum	1,00	R 10 000,00	10 000,00
C4.5.1.2	Handling cost and profit in respect of item C4.5.1.1	%	10 000,00		
C4.5.2	Removing unwanted material from alternative materials identified by the Employer:				
C4.5.2.1	Contaminant material	prov sum	1,00	R 10 000,00	10 000,00
C4.5.2.2	Handling cost and profit in respect of item C4.5.2.1	%	10 000,00		
C4.5.2.3	Hazardous material	prov sum	1,00	R 10 000,00	10 000,00
C4.5.2.4	Handling cost and profit in respect of item C4.5.2.3	%	10 000,00		
C4.5.3	Cost to procure alternative materials identified by the Employer:				
C4.5.3.1	Cost of procuring	prov sum	1,00	R 10 000,00	10 000,00
C4.5.3.2	Handling cost and profit in respect of item C4.5.3.1	%	10 000,00		
Total Carried Forward To Summary					

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Part C5.1: Pricing Data

Section C5.1: Roadbed

Item	Payment Reference		Unit	Qty	Rate (R)	Amount (R)
C5.1		ROADBED				
	C5.1.1	Roadbed construction and compaction:				
	C5.1.1.1	Compaction of in-situ material to 90 % of MDD	m ³	1		
	C5.1.1.2	Compaction of in-situ material to 93 % of MDD	m ³	1		
	C5.1.1.3	Compaction of imported material to 90 % of MDD	m ³	1		
	C5.1.1.4	Compaction of imported material to 93 % of MDD	m ³	1		
C5.1.2		Excavate material to spoil from roadbed construction:				
	C5.1.2.1	Excavate material to spoil from roadbed construction, material obtained from:				
		(a) Soft excavation	m ³	1		
		(b) Boulder excavation Class A	m ³	1		
		(c) Boulder excavation Class B	m ³	1		
		(d) Hard excavation	m ³	1		
	C5.1.2.2	Excavate material to spoil from roadbed construction, using labour enhancement, material obtained from:				
		(a) Soft excavation	m ³	1		
		(b) Intermediate excavation	m ³	1		
C5.1.3		Excavate material to spoil sites designated by the Contractor:				
	C5.1.3.1	Excavate material to spoil from roadbed construction, material obtained from:				
		(a) Soft excavation	m ³	1		
		(b) Boulder excavation Class A	m ³	1		
		(c) Boulder excavation Class B	m ³	1		
		(d) Hard excavation (other than by blasting)	m ³	1		
		(e) Hard excavation (by blasting)	m ³	1		
	C5.1.3.2	Excavate material to spoil from roadbed construction, using labour enhancement, material obtained from:				
		(a) Soft excavation	m ³	1		
		(b) Intermediate excavation	m ³	1		

C5.1.4		Removal of unsuitable material to spoil:				
	C5.1.4.1	In layer thicknesses of 200 mm and less:				
		(a) Stable material	m ³	1		
		(b) Unstable material	m ³	1		
	C5.1.4.2	In layer thicknesses exceeding 200 mm:				
		(a) Stable material	m ³	1		
		(b) Unstable material	m ³	1		
C5.1.5		In-situ treatment of roadbed in hard material:				
	C5.1.5.1	In-situ treatment by ripping	m ³	1		
	C5.1.5.2	In-situ treatment by drilling and blasting	m ³	1		
	C5.1.5.3	In-situ treatment by drilling and splitting the material using non-explosive, rock-breaking products	m ³	1		
C5.1.6		Roller-pass compaction:				
	C5.1.6.1	Grid rollers	m ²	1		
	C5.1.6.2	Pad foot vibratory rollers	m ²	1		
	C5.1.6.3	Smooth drum vibratory rollers	m ²	1		
	C5.1.6.5	Impact rollers	m ²	1		
	C5.1.6.6	Pneumatic rollers	m ²	1		
	C5.1.6.7	High energy impact compactor / roller (HEIC)	m ²	1		
C5.1.7		Construction of a roadbed trial section:				
	C5.1.7.1	Non wetting-up collapsing soil trial section at in-situ moisture content using conventional rollers and / or HEIC	m ³	1		
	C5.1.7.2	Non wetting-up collapsing soil trial section by excavating the soil to stockpile and then importing the soil from the stockpile to controlled compacted layers	m ³	1		
	C5.1.7.3	Wetting-up collapsing soil trial section	m ³	1		
	C5.1.7.4	Inactive and normal clay:				
		(a) By material modification	m ³	1		
		(b) By lime modification	m ³	1		
		(c) By removal of material	m ³	1		
	C5.1.7.5	Active clay:				
		(a) Roadbed construction using lime	m ³	1		
		(b) Roadbed construction by removal of active clay	m ³	1		
	C5.1.7.6	Roller-pass compaction	m ³	1		

C5.1.8		Construction of the roadbed in collapsing soil:				
	C5.1.8.1	Non wetting-up collapsing soil roadbed construction at in-situ moisture content using conventional rollers	m ³	1		
	C5.1.8.2	Non wetting-up collapsing soil roadbed construction at in-situ moisture content using HEIC	m ³	1		
	C5.1.8.3	Non wetting-up collapsing soil roadbed construction by excavating the soil to stockpile and then importing from the stockpile to controlled compacted layers	m ³	1		
	C5.1.8.4	Wetting-up collapsing soil roadbed construction	kℓ	1		
	C5.1.8.5	Water for wetting-up collapsing soil roadbed construction	kℓ	1		
C5.1.9		Construction of roadbed comprising normal and inactive clay:				
	C5.1.9.1	By material modification	m ³	1		
	C5.1.9.2	By lime modification	m ³	1		
	C5.1.9.3	By removal of material	m ³	1		
C5.1.10		Construction of roadbed comprising active clay:				
	C5.1.10.1	Roadbed construction using lime	m ³	1		
	C5.1.10.2	Roadbed construction by removal of active clay	m ³	1		
C5.1.11		Construction of roadbed comprising a pioneer layer	m ³	1		
	C5.1.12	Excavation for benches:				
	C5.1.12.1	Excavation for benches:				
	(a)	Side-cut to fill in soft material	m ³	1		
	(b)	Side-cut to spoil in soft material	m ³	1		
	C5.1.12.2	Excavation for benches using labour enhancement:				
	(a)	Side-cut to fill:				
	(i)	Soft material	m ³	1		
	(ii)	Intermediate material	m ³	1		
	(b)	Side-cut to spoil:				
	(i)	Soft material	m ³	1		
	(ii)	Intermediate material	m ³	1		
	C5.1.13	Construction of a levelling layer:				
	C5.1.13.1	Over roadbed treatment in hard material compacted to 90 % MDD	m ³	1		
	C5.1.13.2	Over a constructed pioneer layer compacted to 90 % MDD	m ³	1		
TOTAL CARRIED FORWARD TO SUMMARY						

Item	Description	Unit	Quantity	Rate	Amount R
C5.2	FILL				
C5.2.1	Compiling and implementing M&U plans:				
C5.2.1.1	For fills more than 10 000 m ³	No	1		
C5.2.1.2	For fills 1,0 km in length when less than 10 000 m ³	No	1		
C5.2.2	Fill construction:				
C5.2.2.1	Normal fill material in compacted layer thicknesses of 200 mm and less:				
	(a) Compacted to 90 % of MDD	m ³	1		
	(b) Compacted to 93 % of MDD	m ³	1		
	(c) Roller-pass compaction	m ²	1		
C5.2.2.2	Coarse fill material in compacted layer thicknesses exceeding 200 mm: but less than 500 mm:				
	(a) Compacted to 90 % of MDD	m ³	1		
	(b) Compacted to 93 % of MDD	m ³	1		
	(c) Roller-pass compaction	m ²	1		
C5.2.2.3	Sand fill material in compacted layer thicknesses of 400 mm and less, compacted to 100 % of MDD	m ³	1		
C5.2.2.4	Rock fill material all as per Clause A5.2.7.6	m ³	1		
C5.2.2.5	Rock fill embankment toe	m ³	1		
C5.2.2.6	Sand filter layer	m ³	1		
C5.2.2.7	Drainage blanket layer	m ³	1		
C5.2.3	Side-cut to fill compacted to 93 % of MDD in compacted layer thicknesses of 200 mm and less	m ³	1		
C5.2.4	Correcting rock fills that are deficient in fine material, extra over C5.2.2.4	m ³	1		
C5.2.5	Fill in sidewalk:				
C5.2.5.1	Fill material in sidewalk compacted to 93 % of MDD	m ³	1		
C5.2.5.2	Fill material in sidewalk compacted to 93 % of MDD using labour enhanced methods of construction and light hand equipment	m ³	1		
C5.2.6	Fill material in shoulder widening:				
C5.2.6.1	Fill material in shoulder widening compacted to 93 % of MDD	m ³	1		
C5.2.6.2	Fill material in shoulder widening compacted to 93 % of MDD using labour enhancement and light hand equipment	m ³	1		
C5.2.7	Construction of a trial section:				
C5.2.7.1	Normal fill	m ³	1		
C5.2.7.2	Sand fill	m ³	1		
C5.2.7.3	Rock fill	m ³	1		
C5.2.7.4	Coarse fill	m ³	1		

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Part C5.3: Pricing Data

Section C5.3: Road Pavement Layers

Item	Payment Reference		Unit	Qty	Rate (R)	Amount (R)
C5.3		ROAD PAVEMENT LAYERS				
	C5.3.1	Compiling and implementing M&U plans for the construction of all the pavement layers	No	1		
	C5.3.2	Construction of pavement layers:				
	C5.3.2.1	Construction of layers using conventional construction methods:				
	(a)	Lower selected subgrade layer, 150mm compacted to 93 % of MDD	m³	1		
	(b)	Lower selected subgrade layer, 150mm compacted to 95 % of MDD	m³	1		
	(c)	Upper selected subgrade layer, 150mm compacted to 95 % of MDD	m³	1		
	(d)	Upper selected subgrade layer, 150mm compacted to 97 % of MDD	m³	1		
	(e)	Sand layer, 150mm compacted to 97 % of MDD	m³	1		
	(f)	Sand layer, 150mm compacted to 100 % of MDD	m³	1		
	(g)	Gravel wearing course layer, 150mm compacted to 95 % of MDD	m³	1		
	(h)	Gravel shoulder layer, 150mm compacted to 95 % of MDD	m³	1		
	(i)	Lower subbase gravel layer (unstabilised), 150mm compacted to 95 % of MDD	m³	1		
	(j)	Lower subbase gravel layer (chemically stabilised), 150mm compacted to 95 % of MDD	m³	1		
	(k)	Upper subbase gravel layer (unstabilised), 150mm compacted to 97 % of MDD	m³	1		
	(l)	Upper subbase gravel layer (chemically stabilised), 150mm compacted to 95 % of MDD	m³	1		
	(m)	Gravel base layer (unstabilised), 150mm compacted to 100 % of MDD	m³	1		
	(n)	Gravel base layer (chemically stabilised), 150mm compacted to 97 % of MDD	m³	1		
	(o)	G5B crushed rock / boulder subbase layer, 150mm compacted to 97 % of MDD	m³	1		
	(p)	G5B crushed rock / boulder base layer, 150mm compacted to 100 % of MDD	m³	1		
	(q)	G5A crushed rock / boulder subbase layer, 150mm compacted to 97 % of MDD	m³	1		
	(r)	G5A crushed rock / boulder base layer, 150mm compacted to 100 % of MDD	m³	1		
	(s)	G4A crushed rock / boulder lower subbase layer (unstabilised or chemically stabilised), 150mm compacted to 95 % of MDD	m³	1		
	(t)	G4A crushed rock / boulder upper subbase layer (unstabilised or chemically stabilised), 150mm compacted to 97 % of MDD	m³	1		
	(u)	G4A crushed rock / boulder subbase layer compacted to 97 % of MDD	m³	1		
	(v)	G3 crushed stone subbase layer (unstabilised or chemically stabilised), 150mm compacted to 97 % of MDD	m³	1		
	(w)	G3 crushed stone base layer, 150mm compacted to 85 % of BD	m³	1		
	(x)	G2 crushed stone base layer, 150mm compacted to 88 % of RD (Category C / D roads)	m³	1		
	(y)	G2 crushed stone base layer, 150mm compacted to 88 % of AD (Category A / B roads)	m³	1		
	(z)	G1 crushed stone base layer, 150mm compacted to 86 % of AD (Category C / D roads)	m³	1		
	(aa)	G1 crushed stone base layer, 150mm compacted to 88 % of AD (Category A / B roads)	m³	1		

		(bb)	Bound macadam layer, 150mm compacted to 90 % of AD	m ³	1		
		(cc)	PMPL wet lean-mix concrete layer, 150mm	m ³	1		
	C5.3.2.2		Construction of layers using labour enhancement:				
		(a)	Lower selected subgrade layer, 150mm compacted to 93 % of MDD	m ³	1		
			Upper selected subgrade layer, 150mm compacted to 95 % of MDD				
		(b)		m ³	1		
		(c)	Sand layer, 150mm compacted to 97 % of MDD	m ³	1		
		(d)	Sand layer, 150mm compacted to 100 % of MDD	m ³	1		
		(e)	Gravel wearing course layer, 150mm compacted to 95 % of MDD	m ³	1		
		(f)	Gravel shoulder layer, 150mm compacted to 95 % of MDD	m ³	1		

		(g)	Lower gravel subbase layer, 150mm compacted to 95 % of MDD	m ³	1		
		(h)	Upper gravel subbase layer, 150mm compacted to 97 % of MDD	m ³	1		
		(i)	Gravel base layer, 150mm compacted to 98 % of MDD	m ³	1		
		(j)	Gravel base layer, 150mm compacted to 100 % of MDD	m ³	1		
		(k)	Bound macadam layer, 150mm compacted to 90 % of AD	m ³	1		
		(l)	Soil cement or soilcrete, 150mm wet mixture as per clause A4.1.5.14	m ³	1		
		(m)	Soil cement or soilcrete, 150mm stiff mixture as per clause A4.1.5.14	m ³	1		
		(n)	Emulsion treated base material (G1 or G2 material), 150mm as per clause A4.1.5.15	m ³	1		
C5.3.3			Construction of crushed stone base supplied by the Employer	m ³	1		
C5.3.4			Deductions for G1 crushed stone base material supplied by the Employer	t	1		
C5.3.5			Breaking down oversize layer material on the road:				
C5.3.5.1			By normal grid rolling as per clause A5.3.7.3b)	m ² -pass	1		
C5.3.5.2			By tamping roller	m ² -pass	1		
C5.3.5.3			By pad foot vibratory roller	m ² -pass	1		
C5.3.5.4			By vibratory roller	m ² -pass	1		
C5.3.5.5			By any other roller type	m ² -pass	1		
C5.3.6			Removal of oversize material	m ³	1		
C5.3.7			Recombining recovered material	m ³	1		
C5.3.8			Processing of coarse gravel subbase or base layers	m ³			
C5.3.9			Construction of a trial section:				
C5.3.9.1			Construction of a trial section using conventional				

			methods of construction:				
		(a)	Stabilised gravel layer, 150mm trial section	m ³	1		
		(b)	Crushed stone subbase layer, 150mm trial section	m ³	1		
		(c)	Crushed stone base layer, 150mm trial section	m ³	1		
		(d)	PMPL layer, 150mm trial section	m ³	1		
		(e)	Bound macadam layer, 150mm trial section	m ³	1		
	C5.3.9.2		Construction of a trial section using labour enhancement methods:				

		(a)	Stabilised gravel layer, 150mm trial section	m ³	1			
		(b)	Gravel base layer, 150mm trial section	m ³	1			
		(c)	Bound macadam layer, 150mm trial section	m ³	1			
C5.3.10			Removal of a completed trial section:					
	C5.3.10.1		Stabilised layer	m ³	1			
	C5.3.10.2		PMPL layer	m ³	1			
	C5.3.10.3		Crushed stone layer	m ³	1			
C5.3.11			Riding quality measurements:					
	C5.3.11.1		Using a 3,0 m straight edge	km	1			
	C5.3.11.2		Using a rolling straight edge	km	1			
	C5.3.11.3		Using an inertial profilometer	km	1			
	C5.3.12		Surface regularity payment adjustments	prov sum	1	15 000,00	15 000,00	
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Part C5.4: Pricing

Data Section C5.4:

Stabilisation

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C5.4.2		Chemical stabilisation:				
	C5.4.2.1	Chemical stabilisation (150mm) of pavement layers (subbase)	m ³	1		
	C5.4.2.2	Chemical stabilisation (150mm) of pavement layers (subbase) using labour enhanced methods of construction	m ³	1		
C5.4.5		Cementitious stabilisation agents for pavement layers:				
	C5.4.5.1	Addition of cementitious stabilisation agents for pavement layers				
		(a) Cement (for pavement layer)	ton	1		
		(b) Lime	ton	1		
	C5.4.5.2	Addition of cementitious stabilisation agents for pavement layers and spreading the agent using bags and labour enhancement methods.				
		(a) Cement (for subbase layer), CEM II A-S (32.5) N	ton	1		
		(b) Road Lime (hydrated CaCO ₃ or MgCO ₃)	ton	1		
	C5.4.6	Addition of cementitious stabilisation agents for a PMPL layer:				
	C5.4.6.1	(a) Cement (for subbase layer), CEM II A-S (32.5) N	t	1		
	C5.4.6.2	(b) Road Lime (hydrated CaCO ₃ or MgCO ₃)	t	1		
C5.4.7		Bituminous stabilisation of pavement layers				
	C5.4.7.1	Bituminous stabilisation (150mm) of payment layers (base or subbase layer)	litre	1		
	C5.4.7.2	Bituminous stabilisation (150mm) of payment layers (base or subbase layer) using labour enhanced methods of construction	litre	1		
C5.4.8		Bituminous stabilisation agent :				
	C5.4.8.1	60% anionic emulsion	litre	1		
	C5.4.8.2	60% cationic emulsion	litre	1		
	C5.4.8.3	Foamed bitumen	litre	1		

	C5.4.9.2	Filler for bituminous stabilisation spreading the agent or filler using labour enhanced methods of construction				
		Road lime (hydrated CaCO ₃ or MgCO ₃)	t	1		
		Cement (CEM II A-S (32.5) N)	t	1		
		Fly ash	t	1		
C5.4.10		Provision and application of water for curing	kilolitre	1		
C5.4.11		Curing by covering with the subsequent layer	m ²	1		
	C5.4.12	Curing with a membrane:				
	C5.4.12.1	Cut back bitumen	ℓ	1		
	C5.4.12.2	Inverted bitumen emulsion	ℓ	1		
	C5.4.12.3	Spray grade emulsion	ℓ	1		
	C5.4.12.4	Curing compound for PMPL layers	ℓ	1		
	C5.4.13	Trial section for a PMPL layer	m ²	1		
	C5.4.14					
		Trial section for a chemically stabilised layer	m ³	1		

	C5.4.15		Trial section for a bituminously stabilised layer	m ²	1		
	C5.4.16						
	C5.4.17		Mechanical modification	m ³	1		
			Addition of a soil binder	m ³	1		
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Part C5.5: Pricing Data

Section C5.5: Reconstruction of pavement layers

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
		RECONSTRUCTION OF PAVEMENT LAYERS				
	C5.5.1	Compiling and implementing M&U plans for the reconstruction of an existing road pavement	No	1		
	C5.5.2	Reconstruction preparatory work:				
	C5.5.2.1	Undivided carriageway:				
		(a) Uniform section from km 0.00 to km 10.0	km	1		
		(b) Uniform section from km 10.01 to km 20.0	km	1		
	C5.5.2.2	Divided carriageway:				
		(a) Uniform section from km 0.00 to km 10.0	km	1		
C5.5.5		Construction of a trial section using a recycler	m ³	1		
C5.5.6		Construction of a trial section using conventional construction equipment	m ³	1		
C5.5.7		Pre-milling existing wearing course material:				
	C5.5.7.1	Pre-milling an asphalt wearing course (depth of pre-milling varies between 10mm and 40mm maximum)	m ²	1		
	C5.5.7.2	Pre-milling a seal wearing course (depth of pre-milling varies between 10 mm and 25 mm)	m ²	1		
C5.5.8		Pre-pulverising material in the existing pavement				
	C5.5.8.1	Asphalt wearing course (max. 80mm)	m ³	1		
	C5.5.8.2	Crushed stone base (150mm)	m ³	1		
	C5.5.8.3	Stabilised crushed stone (150mm)	m ³	1		
	C5.5.8.4	Stabilised gravel layer (150mm)	m ³	1		
C5.5.9		Temporarily blading layer material to windrow	m ³	1		
C5.5.10		Roller-pass compaction of an exposed pavement layer				
	C5.5.10.1	Smooth drum vibratory rollers	m ²	1		

	C5.5.10.3	Pneumatic-tyred rollers	m ²	1		
C5.5.11		Watering the exposed pavement layer	kilolitre	1		
C5.5.12		Removal of surplus material from site	m ³	1		
C5.5.13		Cross mixing of material (150 mm)	m ³	1		
C5.5.14		In-situ reconstruction of a pavement layer using a recycler to construct a stabilised selected layer				
	C5.5.14.1	Chemically stabilised selected layer compacted to 95 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.14.2	Emulsion stabilised selected layer compacted to 95 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		

		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.14.3	Foam stabilised subbase layer compacted to 97% of MDD				

		(a) Using non-cemented material compacted to 150 mm thick	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m3	1		
C5.5.15		In-situ reconstruction of a pavement layer using a recycler to construct a stabilised subbase layer				
	C5.5.15.1	Chemically stabilised subbase layer compacted to 97% of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick)	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m3	1		
	C5.5.15.2	Emulsion stabilised subbase layer compacted to 97% of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick.	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m3	1		
	C5.5.15.3	Foam stabilised subbase layer compacted to 97% of MDD				
		(a) Using non-cemented material compacted to 150 mm thick	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		
		(d) Using pre-pulverised material (as per item C5.5.8)	m3	1		

		compacted to 150 mm thick				

C5.5.16		In-situ reconstruction of a pavement layer using a recycler to construct a stabilised base layer				
	C5.5.16.1	Chemically stabilised base layer compacted to 100% of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	cubic metre (m ³)	1		
	C5.5.16.2	Emulsion stabilised subbase layer compacted to 102% of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.16.3	Foam stabilised subbase layer compacted to 102% of MDD				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
C5.5.17		In-situ reconstruction of a pavement layer using conventional construction equipment to construct a stabilised selected layer				
	C5.5.17.1	Chemically stabilised selected layer compacted to 95 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm	m ³	1		

		thick				
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		

	C5.5.17. 2	Emulsion stabilised selected layer compacted to 95 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.17. 3	Foam stabilised selected layer compacted to 95 % of MDD				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
C5.5.18		In-situ reconstruction of a pavement layer using conventional construction equipment to construct a stabilised subbase layer				
	C5.5.18. 1	Chemically stabilised subbase layer compacted to 97 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick (<i>G6 classified material</i>)	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.18. 2	Emulsion stabilised subbase layer compacted to 97 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick	m ³	1		

		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.18.3	Foam stabilised subbase layer compacted to 97 % of MDD				
		(a) Using non-cemented material compacted to 150 mm thick (<i>specify</i>)	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
C5.5.19		In-situ reconstruction of a pavement layer using conventional construction equipment to construct a stabilised base layer				
	C5.5.19.1	Chemically stabilised base layer compacted to 98 % of MDD:				
		(a) Using non-cemented material compacted to 150 mm thick (G5 classified material)	m ³	1		
		(b) Using cemented material compacted to 150 mm thick	m ³	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m ³	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m ³	1		
	C5.5.19.2	Emulsion stabilised base layer compacted to 102 % of MDD:				

		(a) Using non-cemented material compacted to 150 mm thick (G2 classified material)	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		

		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m3	1		
	C5.5.19.3	Foam stabilised base layer compacted to 102 % of MDD				
		(a) Using non-cemented material compacted to 150 mm thick (G2 classified material)	m3	1		
		(b) Using cemented material compacted to 150 mm thick	m3	1		
		(c) Using a combination of non-cemented and cemented material compacted to 150 mm thick	m3	1		
		(d) Using pre-pulverised material (as per item C5.5.8) compacted to 150 mm thick	m3	1		
C5.5.20		Material shortfall or make-up material				
	C5.5.20.1	For selected layer	m3	1		
	C5.5.20.2	For subbase layer	m3	1		
	C5.5.20.3	For base layer	m3	1		
C5.5.21		Finishing the stabilised layer				
	C5.5.21.1	Slush trial section with:				
		(a) Water	m2	1		
		(b) Diluted emulsion	m2	1		
	C5.5.21.2	Slush reconstructed section with:				
		(a) Water	m2	1		
		(b) Diluted emulsion	m2	1		
	C5.5.21.3	Application of a diluted emulsion spray	litre (ℓ)	1		
C5.5.22		Excavate pavement layers for patching in existing pavements				
	C5.5.22.1	Excavate the following layers:				
		(a) Asphalt layers with a surface area:				

		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
		(b) Cemented layers with a surface area:				
		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
		(c) Any other layers (<i>base</i>) with a surface area:				
		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		

	C5.5.22. 2	Excavate the following layers using labour enhanced methods of construction:				
		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
		(b) 'Cemented layers with a surface area:				
		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
		(c) Any other layers (<i>base</i>) with a surface area:				
		(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
		(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
		(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
C5.5.23		Edge break cutting back when narrower than 250mm				
	C5.5.23. 1	Edge break cutting back when narrower than 250mm	m	1		
	C5.5.23. 2	Edge break cutting back when narrower than 250mm using labour enhanced methods of construction	m	1		
C5.5.24		Edge break patching when narrower than 250mm		1		
	C5.5.24. 1	Edge break patching using emulsion treated base (ETB) material to a maximum depth of 150mm	m	1		
	C5.5.24. 2	Edge break patching using labour enhanced methods of construction and ETB to a maximum depth of 150mm	m	1		
C5.5.25		Compacting the floor of the excavation for patching	m ²	1		
C5.5.26		Backfill patching excavations in existing				

		pavements:				

C5.5.26.1	Backfill with the following pavement layer material:				
	Chemically stabilised pavement layer material (<i>base, from commercial</i> , (a) 3 % stabilising agent and the 98% of MDD) for a patch with a surface area:				
	(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
	(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
	(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
	Emulsion treated base, or ETB pavement material (<i>base layer, from commercial</i> , (b) <i>commercial</i> , the components as per Clause A4.1.5.14, and the 98 % of MDD) for a patch with a surface area:				
	(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
	(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
	(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
C5.5.26.2	Backfill with the following pavement layer material using labour enhanced methods of construction:				
	Chemically stabilised pavement layer material (<i>base, from commercial</i> , (a) 3 % stabilising agent and the 98% of MDD) for a patch with a surface area:				
	(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
	(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
	(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs wider than 250mm.	m ³	1		
	Emulsion treated base, or ETB pavement material (<i>base layer, from commercial</i> , (b) <i>commercial</i> , the components as per Clause A4.1.5.14, and the 98 % of MDD) for a patch with a surface area:				
	(i) Not exceeding 20 m ² , including for edge repairs wider than 250mm	m ³	1		
	(ii) Exceeding 20 m ² but not exceeding 50 m ² , including for edge repairs wider than 250mm	m ³	1		
	(iii) Exceeding 50 m ² but not exceeding 100 m ² , including for edge repairs	m ³	1		

		wider than 250mm.				
TOTAL CARRIED FORWARD TO SUMMARY						

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Part C6.2: Pricing Data

Section C6.2: SEGMENTAL BLOCK PAVING LAYERS

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
		SEGMENTAL BLOCK PAVING LAYERS				
C6.2.1		Segmental block paving				
	C6.2.1.1	Concrete block paving (80 mm thick interlock class 2.6 40 MPa)	m ²	1		
		Concrete block paving				
		Class 30, Type S-A, 80mm Thick (SANS approved), Colour: Cement, Placed: Herringbone Bond pattern)	m ²	1		
		Class 25, Type S-A, 80mm Thick (SANS approved), Colour: Cement, Placed: Herringbone Bond pattern)	m ²	1		
		Class 25, Type S-A, 60mm Thick (SANS approved), Colour: Cement, Placed: Herringbone Bond pattern)	m ²	1		
		220*110*50mm Corobrick Cedarberg or similar approved for pedestrian crossings	m ²	1		
		220*110*50mm Corobrick Nutmeg or similar approved for pedestrian crossings	m ²	1		
		110*110*50mm Charcoal Huguenot Cobble or similar approved for pedestrian crossings	m ²	1		
	C6.2.2	Cast in-situ concrete edge and intermediate beams	m ³	1		
C6.2.3		Provision and application of approved herbicide and ant poison.				
	C6.2.3.1	Provision of materials	Prime cost sum	1		
	C6.2.3.2	Contractor's charges and profit added to the prime cost sum	%	R20 000		
C6.2.4		Re sanding of joints in segmental block paving				
	C6.2.4.1	Concrete block paving (80 mm thick interlock class 2.6 40 MPa)	m ²	1		
		Class 30, Type S-A, 80mm Thick (SANS approved), Colour: Cement, Placed: Herringbone Bond pattern)	m ²	1		

Item	Description	Unit	Quantity	Rate	Amount R
C7.1	REPLACEMENT OF EXISTING JOINT SEALANT				
C7.1.1	Replacing seal on longitudinal hinge joints in existing concrete pavement as follows:				
C7.1.1.1	Removal of existing seal and backing material	m	1		
C7.1.1.2	Reaming of existing joints	m	1		
C7.1.1.3	Bevelling of one side of the joint to a dimension of 10 mm X 10 mm	m	1		
C7.1.1.4	Bevelling of both sides of the joint to a dimension of 10 mm X 10 mm	m	1		
C7.1.1.5	Installation of backing material in saw cut joints (to fit saw cut dimensions)	m	1		
C7.1.1.6	Installation of cold pour sealant	ℓ	1		
C7.1.2	Costs incurred due to repair and monitoring in terms of Product Performance Guarantee System (PPGS)	lump sum	1		
C7.2	REPAIR TO CONCRETE PANELS AND CONCRETE ADJACENT TO UNCONTROLLED CRACKS AND EXISTING JOINTS				
C7.2.1	Transverse and longitudinal crack and joint repairs incorporating the following treatments:				
C7.2.1.1	Routing of active cracks	m	1		
C7.2.1.2	Routing of non-active cracks	m	1		
C7.2.1.3	Bevelling of one side of the crack	m	1		
C7.2.1.4	Bevelling of both sides of the crack	m	1		
C7.2.1.5	Saw cutting of cracks and joints in one operation	m	1		
C7.2.1.6	Filling joint reservoir with cementitious non-shrink grout	kg	1		
C7.2.1.7	Installation of backing material in saw cut joints (to fit saw cut dimensions)	m	1		
C7.2.1.8	Installation of cold pour sealant	ℓ	1		
C7.2.2	Grouting of cracks	m	1		
C7.2.3	Cross-stitching of longitudinal and transverse joints and cracks:				
C7.2.3.1	Saw cutting of slots in concrete pavement	No	1		
C7.2.3.2	Application of wet-to-dry epoxy to vertical faces and top of existing concrete	ℓ	1		

C7.2.3.3	Installation of 16 mm diameter deformed tie-bar including application of self-levelling pourable epoxy grout and 7,1 mm aggregate	No	1		
C7.2.3.4	Filling of slot with high strength concrete Class 50 / 7,1 mm	m ³	1		
C7.2.4	Restoration of load transfer at transverse contraction joints:				
C7.2.4.1	Saw cutting and preparation of slots in concrete pavement	No	1		
C7.2.4.2	Installation of new dowel bars as specified including application of bond breaker on free end, end caps	No	1		
C7.2.4.3	Filling of slot with high strength concrete Class 50 / 7,1 mm	No	1		
C7.2.5	Pre-treating existing dowels:				
C7.2.5.1	Free ends in existing concrete	No	1		
C7.2.5.2	Free ends in new concrete	No	1		
C7.2	REPAIR TO CONCRETE PANELS AND CONCRETE ADJACENT TO UNCONTROLLED CRACKS AND EXISTING JOINTS				
C7.2.6	Texturing and curing the concrete pavement:				

C7.2.6.1	Burlap-dragged and grooved texture	m ³	1		
C7.2.6.2	Curing:				
	(a) Paving train constructed	m ³	1		
C7.2.7	Variation in the rate of application of the curing compound	ℓ	1		
C7.2.8	Steel reinforcement in concrete pavements:				
C7.2.8.1	Mild steel bars	t	1		
C7.2.8.2	High tensile steel bars	t	1		
C7.2.8.3	Welded steel fabric	kg	1		
Total Carried Forward To Summary					

Item	Description	Unit	Quantity	Rate	Amount R
C7.3	REMOVAL AND REINSTATEMENT OF EXISTING CONCRETE LAYERS				
C7.3.1	Removal of concrete in rehabilitation work:				
C7.3.1.1	Concrete without reinforcing	m ³	1		
C7.3.1.2	Reinforced concrete	m ³	1		
C7.3.1.3	Underlying layers	m ³	1		
C7.3.2	Full depth repairs using hand placed concrete with CEM I 52,5	m ³	1		
C7.3.3	Partial Depth Repairs using hand placed fine concrete	m ³	1		
C7.3.4	Tie bars and dowels for full depth repairs:				
C7.3.4.1	Tie bars	No	1		
C7.3.4.2	Dowel bars	No	1		
C7.3.5	Partial Depth Repairs using hand placed acrylic resin grout	m ²	1		
C7.3.6	Reinstating the subbase with lean mix concrete	m ³	1		
C7.3.7	Removal of exposed stitches in concrete pavement	No	1		
C7.3.8	Sawing of concrete in rehabilitation works to different depths:				
C7.3.8.1	State depth in mm	m	1		
C7.3.9	Removal of existing supporting layers in rehabilitation work:				
C7.3.9.1	Granular material	m ³	1		
C7.3.9.2	Cemented material	m ³	1		
C7.3.9.3	Asphalt material	m ³	1		
C7.3.10	Preparing the underlying layers after the concrete has been				

	removed:				
C7.3.10. 1	Re-compaction of remaining underlying layers	m ²	1		
C7.3.10. 2	Replacement of granular layers	m ²	1		
C7.3.10. 3	Replacement of stabilised layers	m ²	1		
C7.3.10. 4	Replacement of supporting layers with 10 MPa lean mix concrete	m ²	1		
C7.3.10. 5	Replacement of subbase with hot mix asphalt	t	1		
Total Carried Forward					

Item	Description	Unit	Quantity	Rate	Amount R
Brought Forward					
C7.3.10 .6	Levelling the surface with coarse slurry (micro surfacing)	m ³	1		

TOTAL CARRIED FORWARD TO SUMMARY						

TOTAL CARRIED FORWARD TO SUMMARY						

TOTAL CARRIED FORWARD TO SUMMARY						

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Part C8.8: Pricing Data

Section C8.8: Patching and edge repair

Item	Payment	Description	Unit	Qty	Rate	Amount
	Reference				(R)	(R)
C8.8.1		Saw cutting pavement layers for patching				
	C8.8.1.1	Asphalt or bituminous surfacing to an average depth				
		(a) Not exceeding 50mm	m	1		
		(b) Exceeding 50mm but not exceeding 100mm	m	1		
		(c) Exceeding 100 mm	m	1		
	C8.8.1.2	Cemented pavement layers to an average depth				
		(a) Not exceeding 100 mm	m	1		
		(b) Exceeding 100 mm but not exceeding 200 mm	m	1		
		(c) Exceeding 200 mm	m	1		
	C8.8.1.3	Granular layers to an average depth				
		(a) Not exceeding 100 mm	m	1		
		(b) Not exceeding 200 mm	m	1		
		(c) Exceeding 200 mm	m	1		
C8.8.2		Excavation in existing pavements for patching (non-milling)				
	C8.8.2.1	Asphalt layers				
		(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	m ³	1		
		(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	m ³	1		
		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	m ³	1		
		(d) Exceeding 100 m ²	m ³	1		
	C8.8.2.2	Cemented layers				
		(a) Not exceeding 10 m ² including for edge repairs wider	m ³	1		

		than 250 mm				
		(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250 mm	m ³	1		
		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250 mm	m ³	1		
		(d) Exceeding 100 m ²	m ³	1		

	C8.8.2. 3	Base Layer				
		(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	m ³	1		
		(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250 mm	m ³	1		
		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250 mm	m ³	1		
		(d) Exceeding 100 m ²	m ³	1		
C8.8. 3		Compacting the floor of excavations for patching (93% Modified AASHTO compaction)	m ²	1		
C8.8. 4		Backfilling of excavations for patching with:				
	C8.8.4. 1	Chemically stabilized pavement material (<i>cemented subbase - C4</i>) for a patch with a surface area:				
		(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	m ³	1		
		(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	m ³	1		
		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	m ³	1		
		(d) Exceeding 100 m ²	m ³	1		
	C8.8.4. 2	Bitumen Stabilised Material (G2 emulsion treated base compacted to 100% of maximum dry density) for a patch with a surface area:				
		(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	m ³	1		
		(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	m ³	1		
		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	m ³	1		
		(d) Exceeding 100 m ²	m ³	1		

C8.8.4. 3	Asphalt for a patch with a surface area (<i>cold mix medium grade asphalt at 2.2-2.7 ton/m³</i>)				
	(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	ton	1		
	(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	ton	1		
	(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	ton	1		
	(d) Exceeding 100 m ²	ton	1		
	Asphalt for a patch with a surface area (<i>hot mix medium grade asphalt at 2.2-2.7 ton/m³</i>)				
	(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	ton	1		
	(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	ton	1		
	(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	ton	1		
	(d) Exceeding 100 m ²	ton	1		
C8.8.4. 4	Granular base material (G2 classified material at 100% modified AASHTO) for a patch with a surface area				
	(a) Not exceeding 10 m ² including for edge repairs wider than 250mm	ton	1		
	(b) Exceeding 10 m ² but not exceeding 50 m ² including for edge repairs wider than 250mm	ton	1		

		(c) Exceeding 50 m ² up to 100 m ² including for edge repairs wider than 250mm	ton	1		
		(d) Exceeding 100 m ²	ton	1		

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Part C9.1: Pricing

Data Section C9.1:

Asphalt Layers

Item	Payment	Description	Unit	Qty	Rate	Amount
	Reference				(R)	(R)
	C9.1	ASPHALT LAYERS				
C9.1.1		Asphalt mix designs:				
	C9.1.1.1	Stone skeletal mixes:				
		(a) Continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size	lump sum	1		
		(b) Continuously graded asphalt surfacing, medium grade, 30mm thick (60/70 penetration grade bitumen)	lump sum	1		
		(c) Continuously graded asphalt surfacing, medium grade, 30mm thick (60/70 penetration grade bitumen)	lump sum	1		
		(d) Continuously graded asphalt surfacing, medium grade, 40mm thick (60/70 penetration grade bitumen)	lump sum	1		
C9.1.1.2		Sand skeletal mixes:				
		(a) Continuously graded base or surfacing, 100 - 150mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size	lump sum	1		
		(b) Semi-gap graded asphalt surfacing, medium grade, 20 - 40 mm thick (60/70 penetration grade bitumen)	lump sum	1		
		(c) Gap graded asphalt surfacing, medium grade, 20 - 40 mm thick (60/70 penetration grade bitumen)	lump sum	1		
C9.1.2		Construction of trial sections:				
	C9.1.2.1	Asphalt layers, continuously graded asphalt, medium grade, 30mm thick (60/70 penetration grade bitumen) placed by a paver	m ²	1		
	C9.1.2.2	Removal of trial section where so instructed by the Engineer	m ²	1		
C9.1.3		Application of bond coat:				
	C9.1.3.1	Stable – grade 30 % net bitumen emulsion as specified. Applied with a calibrated distributor	ℓ	1		
	C9.1.3.2	Applied in restricted areas using a portable pressure sprayer	ℓ	1		

	C9.1.3.3	Applied by hand using brushes on all exposed transverse and longitudinal construction joints	ℓ	1		
	C9.1.4	Asphalt base				
	C9.1.4.1	New Construction:				
		(a) Stone skeletal mix - continuously graded base or surfacing, up to 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size by a paver	m ²	1		
	C9.1.4.2	Rehabilitation				
		(a) Stone skeletal mix – continuously graded as defined (80mm, 50/70 pen)	ton	1		
		(b) Stone skeletal mix - continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size by a paver	ton	1		
	C9.1.5	Asphalt surfacing				
	C9.1.5.1	New construction:				
		(a) Stone skeletal mix – continuously graded asphalt, medium grade, 20mm thick (60/70 penetration grade bitumen) by a paver	m ²	1		
		(b) Stone skeletal mix – continuously graded asphalt, medium grade, 30mm thick (60/70 penetration grade bitumen) by a paver	m ²	1		
		(c) Stone skeletal mix – continuously graded asphalt, medium grade, 40mm thick (60/70 penetration grade bitumen) by a paver	m ²	1		

	C9.1.5.2	Rehabilitation				
		(a) Stone skeletal mix – continuously graded asphalt, medium grade, 20mm thick (60/70 penetration grade bitumen) by a paver	ton	1		
		(b) Stone skeletal mix – continuously graded asphalt, medium grade, 30mm thick (60/70 penetration grade bitumen) by a paver	ton	1		
		(c) Stone skeletal mix – continuously graded as defined (40mm, 50/70 pen)	ton	1		
		(d) Stone skeletal mix – continuously graded as defined (80mm, 50/70 pen)	ton	1		
		(e) Stone skeletal mix - continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size by a paver	ton	1		
C9.1.6		Extra over pay items C.9.1.4.1 and C.9.1.5.1 for placing small quantities of asphalt of less than 10 tons specially produced as specified in terms of Clause A9.1.7.1d)	t	1		
C9.1.7		Placing and compacting asphalt in restricted areas:				
	C9.1.7.1	Extra over payment items C9.1.4.1 and C9.1.5.1 for continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size and continuously graded asphalt, medium grade, 30mm thick (60/70 penetration grade bitumen) placed by a hand	m ²	1		
	C9.1.7.2	Extra over payment items C9.1.4.2 and C9.1.5.2 for continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.size and continuously graded asphalt surfacing, medium grade, 30mm thick (60/70 penetration grade bitumen) placed by a hand	t	1		
C9.1.8		Surfacing of bridge decks:				
	C9.1.8.1	Levelling course: continuously graded base or surfacing, 100mm thick using 40/50 pen. grade bitumen 26.5mm max.aggr.siz	t	1		
	C9.1.8.2	Surfacing, continuously graded asphalt, medium grade, 20mm thick (60/70 penetration grade bitumen) placed by a paver	t	1		
		Surfacing, continuously graded asphalt, medium grade, 30mm thick (60/70 penetration grade bitumen) placed by a paver	t	1		

		Surfacing, continuously graded asphalt, medium grade, 40mm thick (60/70 penetration grade bitumen) placed by a paver	t	1		
C9.1.9		Application of rolled in chippings:				
	C9.1.9.1	By means of chip spreader	m ²	1		
	C9.1.9.2	By hand in restricted areas	m ²	1		
C9.1.10		Variation rates				

	C9.1.10.1	Bitumen (50/70 pen)	ton	1		
	C9.1.10.1.1	Bitumen (40/50 pen)	ton	1		
	C9.1.10.1.2	Bitumen (60/70 pen)	ton	1		
	C9.1.10.2	Aggregate	ton	1		
	C9.1.10.3	Active filler (<i>lime unless stated in Contract Documentation</i>)	ton	1		
	C9.1.10.4	Cellulose fibre	t	1		
	C9.1.10.5	Rolled-in chippings	t	1		
	C9.1.10.6	Bituminous bond coat – net bitumen (60% anionic emulsion)	ton	1		
C9.1.1.1		Asphalt warm mix technology – extra over/under rate				
	C9.1.11.1	New construction	m ²	1		
	C9.1.11.2	Rehabilitation	ton	1		
C9.1.1.3		Coring of asphalt layers				
	C9.1.13.1	100mm diameter	No.	1		
	C9.1.13.2	150 mm diameter	No.	1		
C9.1.1.4		Surface regularity testing as described in Clause A9.1.8.4:				
	C9.1.14.1	Establishment of equipment: Inertial laser Profilometer Other Profilometer type, e.g. ARRB Walking or Face Dipstick	No	1		
	C9.1.14.2	Profiler Surveys utilising equipment as specified - Base layers and surfacing layers	km	1		
C9.1.1.5		Milling of bridge decks and keys adjacent to bridge decks:				
	C9.1.15.1	Provision of an appropriate sized milling machine	No	1		
	C9.1.15.2	Milling of bridge decks and keys to bridge deck approaches	m ³	1		
	C9.1.15.3	Cleaning of milled surfaces	m ²	1		
C9.1.1.6		Work undertaken in accordance with a Product Performance Guarantee System:				
	C9.1.16.1	Provision of a Performance Guarantee	lump sum	1		

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)						
Part C10.1: Pricing Data						
Section C10.1: General Requirements for surface treatments						
Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C10.1.1		Single seals including a cover spray, if specified (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen) :				
	C10.1.1.1	Using 5,0mm aggregate	m ²	1		
	C10.1.1.2	Using 7,1mm aggregate	m ²	1		
	C10.1.1.3	Using 10 mm aggregate	m ²	1		
	C10.1.1.4	Using 14 mm aggregate	m ²	1		
	C10.1.1.5	Using 20 mm aggregate	m ²	1		
C10.1.2		Single seals including a cover spray, if specified (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen) spreading the aggregate by (walk behind spreader):				
	C10.1.2.1	Using 5,0mm aggregate	m ²	1		
	C10.1.2.2	Using 7,1mm aggregate	m ²	1		
	C10.1.2.3	Using 10 mm aggregate	m ²	1		
	C10.1.2.4	Using 14 mm aggregate	m ²	1		
	C10.1.2.5	Using 20 mm aggregate	m ²	1		
C10.1.3		Multiple stone seals including a cover spray, if specified using:				
	C10.1.3.1	20 mm and 10 mm aggregate (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen)	m ²	1		
	C10.1.3.2	20 mm and 7,1 mm aggregate (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen)	m ²	1		
	C10.1.3.3	14 mm and 7,1 mm aggregate (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen)	m ²	1		

	C10.1.3.4	14mm and 5,0mm aggregate (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen)	m ²	1		
	C10.1.3.5	20 mm with a split application of 7,1 mm aggregate (grade of aggregate: grade A pre-coated stones; type of binder: 150/200 penetration grade bitumen)	m ²	1		
C10.1.9		Bituminous binder variations:				
	C10.1.9.1	70/100 Penetration grade bitumen	litre	1		
	C10.1.9.2	60% Stable-grade emulsion	litre	1		
	C10.1.9.3	Cationic Stable grade emulsion (70/100)	litre	1		
	C10.1.9.4	Cationic Spray-grade emulsion (70/100)	litre	1		
C10.1.10		Aggregate variation (state grade) :				
	C10.1.10.1	5mm aggregate	m ³	1		
	C10.1.10.2	7,1mm aggregate	m ³	1		
	C10.1.10.3	10 mm aggregate	m ³	1		
	C10.1.10.4	14 mm aggregate	m ³	1		

	C10.1.10.5	20 mm aggregate	m ³	1		
C10.1.11		Application of cover spray:				
	C10.1.11.1	60% Anionic Stable-grade emulsion	litre	1		
	C10.1.11.2	60% Diluted Anionic stable-grade emulsion	litre	1		
C10.1.12		Application of cover spray by hand:				
	C10.1.12.1	60% Anionic Stable-grade emulsion	litre	1		
	C10.1.12.2	60% Diluted Anionic Stable-grade emulsion	litre	1		
C10.1.14		Precoating of aggregate using a frontend loader				
	C10.1.14.1	Product containing low flashpoint solvent (<i>cationic emulsified asphalt</i>)	litre	1		
	C10.1.14.2	Product containing no low flashpoint solvent (<i>cationic emulsified asphalt</i>)	litre	1		
C10.1.15		Precoating of aggregate by hand				
	C10.1.15.1	Product containing low flashpoint solvent (precoating fluid: bitumen prime (MC30) cut back bitumen with aromatic paraffin)	litre	1		
	C10.1.15.2	Product containing no low flashpoint solvent (precoating fluid: bitumen prime (MC30) cut back bitumen with aromatic paraffin)	litre	1		
C10.1.17		Aggregate for blinding:				
	C10.1.17.1	Natural sand	m ³	1		
	C10.1.17.2	Crusher sand	m ³	1		
C10.1.18		Aggregate for blinding by hand:				
	C10.1.18.1	Natural sand	m ³	1		
	C10.1.18.2	Crusher sand	m ³	1		
C10.1.19		Extra over item for work in areas inaccessible to mechanical equipment:				
	C10.1.19.1	Single seals	m ²	1		
	C10.1.19.2	Multiple stone seals	m ²	1		
		Cape seals with one layer of slurry	m ²	1		

	C10.1.19.3					
		Cape seals with two layers of slurry	m ²	1		
	C10.1.19.4	Graded aggregate seals	m ²	1		
	C10.1.19.5	Sand and Grit seals	m ²	1		
	C10.1.19.6	Conventional slurry	m ²	1		
C10.1. 22		Bituminous single seal and slurry, including a cover spray if specified:				

	C10.1.22.1	Bituminous single seal with 20 mm aggregate and first slurry (tack coat: 65% Cationic polymer modified emulsion; cover spray: 65% Cationic spray grade emulsion binder and grade of aggregate: A)				
	C10.1.22.2	Bituminous single seal with 14mm aggregate and slurry (<i>tack coat: 65% Cationic polymer modified emulsion; cover spray: 65% Cationic spray grade emulsion binder and grade of aggregate: A</i>)	m ²	1		
	C10.1.22.3	Bituminous single seal with 10 mm aggregate and slurry (indicate type of tack coat and cover spray binder, grade of aggregate and grade of slurry)	m ²	1		
	C10.1.22.4	Extra over C10.1.22.1 for application of second slurry (grade of slurry: coarse)	m ²	1		
C10.1.24		Variation in the rate of application of the fine slurry:				
	C10.1.24.1	Fine grade	m ³	1		
	C10.1.24.2	Medium grade	m ³	1		
C10.1.28		Surfacing (state type and binders)	m ²	1		
TOTAL CARRIED FORWARD TO SUMMARY						

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)						
Part C11.1: Pricing Data						
Section C11.1: PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION AGAINST EROSION						
Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C11.1		PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION AGAINST EROSION				
	C11.1.1	Foundation trenches for stone masonry walls:				
	C11.1.1.1	(a) Excavating foundation trenches in soft material using labour enhanced construction methods	m ³	1		
	C11.1.1.2	(b) Excavating foundation trenches in intermediate material using labour enhanced construction methods 0 m to 1,0 m depth	m ³	1		
	C11.1.2	Stone pitching:				
	C11.1.2.1	Plain stone pitching:				
		(a) Method 1	m ²	1		
		(b) Method 2	m ²	1		
	C11.1.2.2	Grouted stone pitching with mortar	m ²	1		
	C11.1.2.3	Grouted stone pitching on a concrete bed	m ²	1		
	C11.1.3	Riprap:				
	C11.1.3.1	Packed riprap				
		50 kg rock	m ³	1		
		100 kg rock	m ³	1		
		150 kg rock	m ³	1		
	C11.1.3.2	Extra over item C11. 1. 3. 1 for constructing packed riprap using labour enhanced construction methods (Maximum size of stone shall be 0,03 m ³ or a maximum mass of 30 kg)	m ³	1		
	C11.1.3.3	Dumped riprap				

		50 kg rock	m ³	1		
		100 kg rock	m ³	1		
		150 kg rock	m ³	1		
	C11.1.3.4	Filter layer consisting of:				
		(a) Crushed stone	m ³	1		
		(b) Filter sand	m ³	1		
		(c) Geotextile (type, class and grade stated)	m ²	1		
	C11.1.4	Stone masonry walls:				
	C11.1.4.1	Plain packed stone walls	m ³	1		
	C11.1.4.2	Cement-mortared stone walls	m ³	1		
	C11.1.4.3	Extra over items C11.1.4.1 and C11.1.4.2 for procuring stone from commercial sources	m ³	1		
C11.1.5		Concrete pitching or paving:				
	C11.1.5.1	Cast-in-situ concrete pitching or paving, Class 15/20 concrete 200mm thick	m ²	1		
	C11.1.5.2	Prefabricated concrete grass blocks	m ²	1		
	C11.1.5.3	Welded steel fabric used for cast-in-situ pitching or paving (Ref 395)	kg	1		
C11.1.6		Concrete edge beams (Class 25/38)	m ³	1		
C11.1.7		Provision of approved herbicide and ant poison:				
	C11.1.7.1	Provision of materials	PC sum	1		

	C11.1.7.2	Contractor's charges and profit added to the prime cost sum	%	0		
C11.2		NON-STRUCTURAL GABIONS				
	C11.2.1	Foundation trench excavation:				
	C11.2.1.1	Excavating all material situated within the following depth ranges below the surface level:				

		(a) 0 m to 1,5 m	m ³	1		
		(b) Exceeding 1,5 m and up to 3,0 m	m ³	1		
		(b) Exceeding 3.0 m and up to 4.5 m	m ³	1		
	C11.2.1.2	Extra over sub-item C11.2.1.1 for excavation in hard material, irrespective of depth	m ³	1		
	C11.2.1.3	Excavating soft material within 1,5 m below the surface level using labour enhanced construction methods:	m ³	1		
	C11.2.1.4	Excavating intermediate material within 1,5 m below the surface level using labour enhanced construction methods:	m ³	1		
	C11.2.2	Surface preparation for bedding the gabion boxes and mattresses	m ²	1		
	C11.2.3	Gabion boxes and mattresses:				
	C11.2.3.1	Galvanized gabion boxes				
		1,0 m wide by 0,5 m deep				
		by 1,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 2,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 3,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 4,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		1,0 m wide by 1,0 m wide				
		by 1,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 2,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 3,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 4,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
	C11.2.3.2	PVC coated gabion boxes				
		1,0 m wide by 0,5 m deep				
		by 1,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		

		by 2,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 3,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 4,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		1,0 m wide by 1,0 m wide				
		by 1,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 2,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 3,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
		by 4,0 m long mesh Type 80 with 3.7mm Class A	m ³	1		
	C11.2.3. 3	Galvanized gabion mattresses				
		1,0 m diaphragm spacing, 6,0 m long by 2,0 m wide				
		by 0,2 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,3 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,5 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		0,6 m diaphragm spacing, 6,0 m long by 2,0 m wide				
		by 0,2 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,3 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,5 m deep mesh	m ³	1		
	C11.2.3. 4	PVC-coated gabion mattresses				
		1,0 m diaphragm spacing, 6,0 m long by 2,0 m wide				

		by 0,2 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,3 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,5 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		0,6 m diaphragm spacing, 6,0 m long by 2,0 m wide				
		by 0,2 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,3 m deep mesh Type 80 with 3.7mm Class A	m ³	1		
		by 0,5 m deep mesh	m ³	1		
	C11.2.4	Geotextile				
		Bidim U14 or similiar	m ²	1		
		Bidim U24 or similiar	m ²	1		
		Bidim U34 or similiar	m ²	1		
		Bidim U44 or similiar	m ²	1		
		Bidim U64 or similiar	m ²	1		
C11.3		GUIDE BLOCKS AND KILOMETRE MARKERS				
	C11.3.1	Guide blocks				
	C11.3.2	Kilometre markers				
	C11.3.3	Kilometre markers mounted on reinforced concrete pipes (diameter specified)				
		a) 300 mm Ø RC pipe	No.	1		
		b) 375 mm Ø RC pipe	No.	1		
		c) 450 mm Ø RC pipe	No.	1		

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Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)						
Part C11.4: Pricing Data						
Section C11.4: ROAD RESTRAINT SYSTEMS						
Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C11.4.6		Reflective plates				
	C11.4.6.1	Steel plates	No.	1		
	C11.4.6.2	Plastic plates	No.	1		
C11.4.7		Removing existing guardrails:	m	1		
C11.4.8		Renovating guardrail material:				
	C11.4.8.1	Painting guardrails, end wings and bullnoses	m	1		
C11.4.9		Re-erection of guardrails with recovered or provided material:				
	C11.4.9.1	Single guardrail	m	1		
	C11.4.9.2	Double guardrail	m	1		
	C11.4.9.3	Extra over C11.4.9.1 and C11.4.9.2 for excavating holes of posts using labour enhanced methods	m	1		
C11.4.10		End treatments to existing guardrails with recovered or provided material:				
	C11.4.10.1	End wings	No.	1		
	C11.4.10.2	Bullnoses	No.	1		
	C11.4.10.3	Bridge adaptors	No.	1		
	C11.4.10.4	End treatments with single guardrails	No.	1		
	C11.4.10.5	End treatments with double guardrails	No.	1		
	C11.4.10.6	Extra over C11.4.10.4 and C11.4.10.5 for excavating holes of posts using labour enhanced methods (soft and intermediate)	No.	1		
C11.4.11		New material required for the re-erection guardrails with recovered materials:				
	C11.4.11.1	Guardrails, 3,81 m compliant to SANS 1350	No.	1		
	C11.4.11.2	Timber posts compliant to SANS 457	No.	1		
	C11.4.11.3	Steel posts	No.	1		

	C11.4.11.4	Reflective plates	No.	1			
	C11.4.11.5	Spacer blocks compliant to SANS 457	No.	1			
	C11.4.11.6	Splice bolt complete with nut and washer compliant to SANS 1350	No.	1			
	C11.4.11.7	Post bolt complete with nut and washer compliant to SANS 1350	No.	1			
	C11.4.11.8	Reinforcing plates	No.	1			
C11.4.15		Disposal of existing guardrails					
	C11.4.15.1	Straight or curved longitudinal guardrails	m	1			
	C11.4.15.2	End treatments with single guardrails	m	1			
	C11.4.15.3	End treatments with double guardrails	m	1			
TOTAL CARRIED FORWARD TO SUMMARY							

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)						
Part C11.6: Pricing Data						
Section C11.6: ROAD SIGNS						
Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
	C11.6	ROAD SIGNS				
C11.6.1		Road signboards with painted or coloured semi-matt background. Symbols, lettering and borders in semi-matt black or in Class I retro-reflective material, where the sign board is constructed from:				
	C11.6.1.1	Aluminium sheet (2,0 mm thick):				
	(a)	Area 0 to 0,5 m ²	m ²			
	(b)	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	(c)	Area exceeding 2,0 m ² but not 10 m ²	m ²			
	(d)	Area exceeding 10 m ²	m ²			
	C11.6.1.2	Aluminium composite sheet:				
	(a)	Area 0 to 0,5 m ² (indicate plate thickness, 2,0 or 3,0 mm)	m ²			
	(b)	Area exceeding 0,5 m ² but not 2,0 m ² (indicate plate thickness, 2,0 or 3,0 mm)	m ²			
	(b)	Area exceeding 2,0 m ² but not 10 m ² (3,0 mm plate thickness)	m ²			
	(c)	Area exceeding 10 m ² (3,0 mm plate thickness)	m ²			
	C11.6.1.3	Prepainted galvanized steel plate:				
	(a)	Area 0 to 0,5 m ²	m ²			
	(b)	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	(c)	Area exceeding 2,0 m ² but not 10 m ²	m ²			
	(d)	Area exceeding 10 m ²	m ²			
	C11.6.1.4	Prepainted galvanized steel profiles (200 mm high panels):				
	(a)	Area 0 to 0,5 m ²	m ²			

)					
	(b)	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	(c)	Area exceeding 2,0 m ² but not 10 m ²	m ²			
	(d)	Area exceeding 10 m ²	m ²			
C11.6.1.5		Other material (details indicated):				
	(a)	Area 0 to 0,5 m ²	m ²			
	(b)	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	(c)	Area exceeding 2,0 m ² but not 10 m ²	m ²			
	(d)	Area exceeding 10 m ²	m ²			
C11.6.1.6		Extra over items C11.6.1.1 to C11.6.1.4 for attaching signboards to overhead gantry structures and overhead to bridges	m ²			
C11.6.1.7		Regulatory signs, permanent:				
	(a)	600 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	(b)	900 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	(c)	1200 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
C11.6.1.8		Regulatory signs, temporary:				
	(a)	600 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	(b)	900 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	(c)	1200 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
C11.6.1.9		Warning signs, permanent:				
	(a)	600 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	(b)	900 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			

		(c) 1200 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
		(d) 1500 mm size (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
C11.6.1.10		Warning signs, temporary:				
		(a) 600 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
		(b) 900 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
		(c) 1200 mm diameter (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
		(d) 1500 mm size (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
C11.6.1.11		Supplementary plates to permanent regulatory or warning signs (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	m ²			
C11.6.1.12		Supplementary plates to temporary regulatory or warning signs (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	m ²			
C11.6.2		Extra over on item C11.6.1 for using:				
C11.6.2.1		Background of retro-reflective material:				
		(a) Class I	m ²			
		(b) Class II	m ²			
		(c) Class IV specify a) or b)	m ²			
C11.6.2.2		Lettering, symbols, numbers, arrows, emblems and borders of retro-reflective material:				
		(a) Class III	m ²			
		(b) Class IV specify a) or b)	m ²			
C11.6.3		Road sign supports (overhead road sign structures excluded):				
C11.6.3.1		Steel tubing	t			
C11.6.3.2		Timber, 80mm dia	m			
C11.6.5		Excavation and backfilling for road sign				

		supports (not applicable to kilometre posts):				
	C11.6.5.1	Excavating soft material and backfilling	m ³			
	C11.6.5.2	Excavating soft or intermediate material and backfilling using labour enhanced construction methods	m ³			
	C11.6.5.3	Extra over item C11.6.5.1 and 2 for cement-treated soil backfill	m ³			
	C11.6.5.4	Extra over item C11.6.5.1 for hard material excavation	m ³			
	C11.6.5.5	Imported backfill material from commercial sources	m ³			
C11.6.6		Dismantling, storing and re-erecting road signs with a surface area of:				
	C11.6.6.1	Area 0 to 0,5 m ²	m ²			
	C11.6.6.2	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	C11.6.6.3	Exceeding 2,0 m ² but not 10 m ²	m ²			
	C11.6.6.4	Exceeding 10 m ²	m ²			
C11.6.7		Dismantling and storing of road signs and overhead signs:				
	C11.6.7.1	Dismantling and storing of road signs with a surface area of:				
		(a) Area 0 to 0,5 m ²	m ²			
		(b) Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
		(c) Exceeding 2,0 m ² but not 10 m ²	m ²			
		(d) Exceeding 10 m ²	m ²			
	C11.6.7.2	Dismantling and storing of overhead signs with a surface area of:				
		(a) Area exceeding 0 m ² but not 2,0 m ²	m ²			
		(b) Exceeding 2,0 m ² but not 10 m ²	m ²			
		(c) Exceeding 10 m ²	m ²			
C11.6.8		Danger plates at culverts / structures:				
	C11.6.8.1	Size 150 x 600 mm (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	C11.6.8.2	Size 200 x 800 mm (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
	C11.6.8.3	Size 300 x 1200 mm (aluminium sheet and symbol retro-reflective in Class I retro-reflective material)	No			
C11.6.9		Installation of traffic signals:				

	C11.6.9.1	Specialist installation of traffic signals	PC sum			
	C11.6.9.2	Handling cost, profit and all other charges of sub item C11.6.9.1	%			
C11.6.10		Disposing of road signs with a surface area of:				
	C11.6.10.1	Area 0 to 0,5 m ²	m ²			
	C11.6.10.2	Area exceeding 0,5 m ² but not 2,0 m ²	m ²			
	C11.6.10.3	Exceeding 2,0 m ² but not 10 m ²	m ²			
	C11.6.10.4	Exceeding 10 m ²	m ²			
C11.6.11		Disposing of overhead road signs:				
	C11.6.11.1	Up to 10 m ²	m ²			
	C11.6.11.2	Exceeding 10 m ²	m ²			
TOTAL CARRIED FORWARD TO SUMMARY						

Contract No: 8/2/9/37 (7CE/6CEPE) OR HIGHER (2026-2029)

Part C11.7: Pricing Data

Section C11.7: Road Markings and road studs

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
C11.7		ROAD MARKINGS AND ROAD STUDS				
	C11.7.1	Road marking:				
	C11.7.1.1	White lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		100mm wide	km	1		
		150mm wide	km	1		
		500mm wide	km	1		
	C11.7.1.2	Yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.1.3	Red lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.1.4	White lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.1.5	Yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.1.6	Red lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
C11.7.8	C11.7.1.7	Transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
C11.7.10	C11.7.1.8	Labour enhanced hand painted white lines broken or unbroken (retro reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		100mm wide	m ²	1		
		150mm wide	m ²	1		

		500mm wide	m ²	1		
	C11.7.1.9	Labour enhanced hand painted yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))				
		150mm wide	m ²	1		
	C11.7.1.10	Labour enhanced hand painted red lines broken or unbroken (paint type and width of line indicated)				
		150mm wide	km	1		
	C11.7.1.11	Labour enhanced hand painted white lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))	m ²	1		
	C11.7.1.12	Labour enhanced hand painted yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))	m ²	1		
	C11.7.1.13	Labour enhanced hand painted transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))	m ²	1		
	C11.7.1.14	Labour enhanced hand painted kerb markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))	m ²	1		
	C11.7.1.15	Labour enhanced hand operated pressure applied machine white lines broken or unbroken (paint type and width of line indicated)				
		100mm wide	km	1		
		150mm wide	km	1		
		500mm wide	km	1		
	C11.7.1.16	Labour enhanced hand operated pressure applied machine yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m ²))				
		150mm wide	km	1		

	C11.7.1.17	Labour enhanced hand operated pressure applied machine red lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.1.18	Labour enhanced hand operated pressure applied machine white lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.1.19	Labour enhanced hand operated pressure applied machine yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.1.20	Labour enhanced hand operated pressure applied machine transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2	Retro-reflective road marking:				
	C11.7.2.1	White lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		100mm wide	km	1		
		150mm wide	km	1		
		500mm wide	km	1		
	C11.7.2.2	Yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.2.3	Red lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.2.4	White lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		

	C11.7.2. 5	Yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 6	Red lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 7	Transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 8	Hand painted white lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		100mm wide	km	1		
		150mm wide	km	1		
		500mm wide	km	1		
	C11.7.2. 9	Hand painted yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.2. 10	Hand painted red lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.2. 11	Hand painted white lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 12	Hand painted yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 13	Hand painted transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2. 14	Hand operated pressure applied machine white lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		100mm wide	km	1		
		150mm wide	km	1		
		500mm wide	km	1		
	C11.7.2. 15	Hand operated pressure applied machine yellow lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				

		150mm wide	km	1		
	C11.7.2.16	Hand operated pressure applied machine red lines broken or unbroken (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))				
		150mm wide	km	1		
	C11.7.2.17	Hand operated pressure applied machine white lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2.18	Hand operated pressure applied machine yellow lettering and symbols (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.2.19	Hand operated pressure applied machine transverse lines, painted island and arrestor bed markings (any colour) (retro-reflective road-marking paint (water based paint applied at 0.6 l/m2))	m ²	1		
	C11.7.3	Thermoplastic road marking:				
	C11.7.3.1	Thermoplastic road marking, broken or unbroken (white 100mm wide):	km	1		
	C11.7.3.2	Performance based thermoplastic road marking, broken or unbroken (white 100mm wide):	km	1		
	C11.7.3.3	Reduced payment for thermoplastic road marking, white lines, broken or unbroken (100mm):	km	1		
	C11.7.3.4	Reduced payment for thermoplastic road marking, yellow lines, broken or unbroken (100mm):	km	1		
	C11.7.4	Cold plastic road marking material:				
	C11.7.4.1	White lettering and symbols	m ²	1		
	C11.7.4.2	Yellow lettering and symbols	m ²	1		
	C11.7.4.3	Red lettering and symbols	m ²	1		
	C11.7.4.4	Transverse lines, painted island and arrestor bed markings (any colour)	m ²	1		
	C11.7.5	Variations in rate of application:				
	C11.7.5.1	White paint	ℓ	1		

	C11.7.5. 2	Yellow paint	ℓ	1		
	C11.7.5. 3	Red paint	ℓ	1		
	C11.7.5. 4	Retro-reflective beads	kg	1		
	C11.7.5. 5	Thermoplastic material, all colours	kg	1		
	C11.7.5. 6	Cold plastic marking material, all colours	kg	1		
	C11.7.6	Pre formed road marking tape:				
	C11.7.6. 1	White	m	1		
	C11.7.6. 2	Yellow	m	1		
	C11.7.6. 3	Red	m	1		
	C11.7.7	Road studs:				
	C11.7.7. 1	Permanent road studs compliant to SANS 1442	No	1		
	C11.7.7. 2	Permanent road studs compliant to SANS 1463	No	1		
	C11.7.7. 3	Temporary road studs compliant to SANS 1442 or 1463	No	1		
	C11.7.7. 4	Solar powered road studs (no. of LED's & colours stated)	No	1		
	C11.7.7. 5	Provision of temporary and permanent road studs	prov sum	1		
	C11.7.7. 6	Handling cost, profit and all other charges of sub item C11.7.7.5	%	R 20 000,00		
	C11.7.7. 7	Installation only of surface bonded road studs with anchor shanks	No	1		
	C11.7.7. 8	Installation only of surface bonded road studs without anchor shanks	No	1		
	C11.7.7. 9	Installation only of embedded glass road studs	No	1		
	C11.7.7. 10	Installation only of temporary stick on road studs (including removal)	No	1		
	C11.7.8	Setting out and premarking the lines (excluding traffic island markings, lettering and symbols)	km	1		

	C11.7.9	Re-establishing the painting unit during the defects notification period and at other instances on instruction of the Engineer	No		1	
	C11.7.10	Removal of existing, temporary or final road markings by:				
	C11.7.10 .1	Sandblasting	m ²		1	
	C11.7.10 .2	Water-jetting	m ²		1	
	C11.7.10 .3	Overpainting as temporary measure	m ²		1	
	C11.7.11	Removal of existing road studs	No		1	
TOTAL CARRIED FORWARD TO SUMMARY						



MIDVAAL LOCAL MUNICIPALITY

MIDVAAL LOCAL MUNICIPALITY

CONTRACT No. 8/2/9/37 7CE/6CEPE OR HIGHER (2026-2029).

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

THE CONTRACT (VOLUME 3)

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There are no drawings available. The design of the roads will be agreed between MLM Engineering Services Department and the successful tenderer	
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MIDVAAL LOCAL MUNICIPALITY

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C3.1: DESCRIPTION OF THE WORKS

C3.1: DESCRIPTION OF THE WORKS

1.1 EMPLOYER'S OBJECTIVES

The Employer's objectives are to rehabilitate roads in the Midvaal Local Municipal Jurisdiction per official purchase orders on instruction to proceed placed in terms of the rates of this contract on an as and when required basis.

In addition to the stated Employer's objectives above, MLM aims to deliver public infrastructure using labor-intensive methods where possible as required by the Expanded Public Works Programme to provide temporary employment opportunities to local unemployed people and to provide training or skill development to these locally employed workers. The works in this contract are to be executed by using both conventional and labor-intensive construction methods according to the Special Public Works Programme (EPWP).

It must be noted that an established contractor, in terms of the prescribed category of CIDB, will be appointed. Only certain components of the project will be executed in terms of the guidelines and requirements of the EPWP, and this will be done at project award.

The Contractor must familiarize himself/herself with the above-mentioned requirements and price the document accordingly. Allowance in pricing must be made for the Labour-Intensive Works.

1.2 LABOUR-INTENSIVE WORKS

Labour-intensive Works comprise the activities described in the Labour-Intensive Specifications under the Expanded Public Works Programme (EPWP), therefore in line with the Second Edition Guidelines dated June 2005. Such Works shall be constructed using local workers who are temporarily employed in terms of the scope of the Works. The works such as the following will be executed under EPWP, and allowance will be made in the designs for such works: -

Earthworks

Allowance was made for labour intensive excavation (the rates for excavation will be split into labour intensive and conventional). Excavation will be limited to the exposure of services and to shallow excavation less than 1,0 meter deep.

Construction Materials

Some material is expected to be suitable for bedding and backfilling and will be done labour intensively due to the nature of the work.

Supplementary material should however be sourced in the vicinity of the site works to accommodate labour intensive construction.

Stormwater and Building Work

The concrete works i.e., side drains will be done by labour intensive methods.

Sidewalks and Shaping

Any shaping and level work on sidewalks and within the road reserve, which together with finishing off of the site and shaping within the road reserve shall be done by hand.

Contract documentation was compiled in line with the EPWP Guidelines, therefore were additional bid data and contract data included in the contract.

The Scope of Works also complies with SANS1921-5 and SANS1914-5, training of targeted labour and employment of labourers according to Code of Good Practice for Employment and Conditions of Work for Special Public Works Programmes.

The contractor shall submit detailed reports on jobs created through labour intensive methods (EPWP) in the format provided by the employer. These reports are required to be submitted to the Employer's Agent during monthly site meetings to ensure adherence to the preceding requirements.

Cleaning of Existing Stormwater Infrastructure

The cleaning of stormwater infrastructure must be done using labour intensive methods.

1.3 OVERVIEW OF THE WORKS

The Midvaal Local Municipality (MLM) requires contractors to undertake the rehabilitation of existing pavement layers inclusive of storm water drainage structures.

The scope of works involves rehabilitation of roads within the Midvaal Local Municipality area. This also includes, but not limited to, replacement of broken kerbs and cleaning of outlets and inlet storm water structures any other fixtures to manage storm water.

The purpose of this contract is to appoint a contractor that meet the requirements of this tender process to undertake but not limited to:

- i) rehabilitation of roads.
- ii) Removal and re-installation of kerbs and paving
- iii) Installing and re-instatement of storm water structures.

in the Midvaal Local Municipality

1.3.2 Extent of the Works

The overall scope of work involves rehabilitation and maintaining roads in the Midvaal Local Municipal Jurisdiction as identified by MLM Engineering Services Department.

The duration is from date of appointment up to 30 JUNE 2029, as and when required.

The detail proposed work to be executed under this project would be determined as and when required. The quantities provided in the bill of quantities are for tendering purposes only, to allow the Employer to adequately evaluate tendered rates. The rate tendered by the Contractor will be binding and shall be used for determining the price of the actual scope of works once defined.

1.4 LOCATION OF THE WORKS

Bidders to note that works will be anywhere in the Midvaal Local Municipality within Gauteng Province. Street/Road names will be issued upon appointment.

1.5 TEMPORARY WORKS

The Contractor shall be responsible for the design of all temporary works required to complete the works.

The temporary works include, but are not limited to the following:

- Accommodation of traffic: - Contractor to present a traffic management plan and signage layout for the approval of the engineer. Accommodation of traffic must be carried out in accordance with the provisions of Chapter 13 of Volume 2 in the South African Traffic Signs Manual.
- Formwork.



MIDVAAL LOCAL MUNICIPALITY

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.**

C3.2: ENGINEERING

C3.2: PROJECT SPECIFICATIONS ENGINEERING

2.1 DESIGN SERVICES

The Employer's agent will be responsible for the design of all permanent works.

The Contractor will be responsible for the design of all temporary works.

The Employer's agent will be responsible for the preparation of as-built drawings. The contractor shall measure and keep all records required for the preparation of as-built drawings and submit the records to the Employer on completion of each work allocation.

2.2 EMPLOYERS DESIGN

The Employer will appoint consulting engineers to do the designs on his behalf where necessary. The consulting engineers will be remunerated through a separate contract.

2.3 DRAWINGS

There are no drawings available. The design of the roads will be agreed between MLM Engineering Services Department and the successful tenderer.

2.3.1 General

There are no drawings available. The design of the roads will be agreed between MLM Engineering Services Department and the successful tenderer.

C3.2.3 Standard Specifications

C3.2.3.1. General

The applicable Standard Specifications for Road and Bridge Works for South African Road Authorities (COTO) shall be the following:

C1.2	-	General Requirements and Provisions
C1.3	-	Contractor's Site Establishment and General Obligations
C1.5	-	Accommodation of traffic
C2.1	-	General Requirements and Trenching for Services
C3.2	-	Culverts
C3.3	-	Concrete kerbing and channelling, asphalt berms, chutes, downpipes, as well as concrete, stone pitched.
C4.3	-	Existing Road Materials
C4.4	-	Commercial Materials
C5.3	-	Road Pavement Layers
C5.4	-	Stabilisation
C5.5	-	Reconstruction of pavement layers
C8.1	-	Prime Coat
C8.4	-	Rut and/or depression correction
C8.5	-	Standard crack sealing
C8.7	-	Planning
C8.8	-	Patching and edge repair
C9.1	-	Asphalt Layers
C10.1	-	General Requirements for surface treatments
C11.7	-	Road Markings and road studs
D1000	-	Training, Coaching, Guidance, Mentoring and Assistance

Note 1 The Draft Standard (DS) Chapters is available for download on the South African National Roads Agency SOC Ltd (SANRAL) and Department of Transport websites. August 2020 version replaced with October 2020 version due to amendments to Chapters.

Note 2 Each of the Standard Specifications contains an appendix, which in turn lists further specifications which are not bound into the tender and contract documents.

Note 3 Both of the Standard Specifications, as well as those specifications that are listed in the appendix to the Standard Specifications, shall apply to the Contract to the same extent as if each of these specifications had been bound into the tender/contract documents.

Technical Specifications

- i) The documents applicable to the construction of the Works and the contract management will be the Standard Specifications for Road and Bridge Works for South African Road Authorities (COTO).
- ii) Construction Regulation 2014 of the Occupational Health and Safety Act 85 of 1993 as amended in 2014.
- iii) The Ministerial Determination, Expanded Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice No. R347 of 4 May 2012, as adapted for the MLM, shall apply to works described in the scope of work as being labour intensive and which are undertaken by unskilled or semi-skilled workers.

Regulatory Specifications.

- i) Environmental Impact Assessment (EIA) approval is not required, as construction work will take place within the urban boundary and within a registered servitude.
- ii) No Water use License approval is required.

C3.2.3.2 Variations and Additional Clauses to the Standard and Particular Specifications

None

4 Particular Conditions of Contract: Contract Specifications.

- i) Successful bidders may be subjected to security vetting process and clearance obtained to be considered for an award by the MLM.
- ii) Construction and OHS and EMP monitoring will be undertaken by the consultant appointed to undertake the Professional Services on the project.
- iii) The applicable CIDB grading will be **7CE/6CEPE** or higher.
- iv) Contractors will be required to submit a performance guarantee amounting to 10% of the contract value, for every contract entered into.
- v) The contractor will be required to submit a letter of intent to produce a performance guarantee of 10 percent of the appointment value of any project awarded.
- vi) Penalties of R 5000.00 per day are applicable on this contract to a maximum of R 222 500.00 or 45 days.
- vii) The contractor must comply with the provisions and contractual arrangements of the Occupational Health and Safety Act (OHSA) as well as the Environmental Management Act (NEMA): Waste Management.
- viii) All workers of any project undertaken as part of this bid must undergo a medical fitness test by an Occupational Health and Safety Practitioner who is registered with the South African Nursing Council (SANC).
- ix) The medical test certificates must be presented by the successful bidder to MLM after the appointment of the successful bidder.
- x) The EPWP Guidelines will be implemented during the implementation.
- xi) The contractor is referred to the following regulation regarding exclusion from future work opportunities due to non or poor performance:

Treasury Regulations 16A9.2

The accounting officer or accounting authority –

- (a) may disregard the bid of any bidder if that bidder, or any of its directors –
 - (i) have abused the institution's supply chain management system

- (ii) have committed fraud or any other improper conduct in relation to such system; or
 - (iii) have failed to perform on any previous contract; and
- (b) must inform the relevant treasury of any action taken in terms of paragraph (a).



MIDVAAL LOCAL MUNICIPALITY

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C3.3: CONSTRUCTION SPECIFICATIONS



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PART A: GENERAL

NONE



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PART B: MATTERS RELATING TO COTO STANDARD SPECIFICATIONS

NONE

PART C **PROVISION OF THE TEMPORARY WORKFORCE**

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C2	INTERPRETATIONS
C3	PERMITTED SOURCES OF TEMPORARY WORKERS
C4	EMPLOYMENT RECORDS TO BE PROVIDED
C5	VARIATIONS IN WORKER PRODUCTION RATES
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C9	LABOUR RELATIONS AND WORKER GRIEVANCE PROCEDURES
C10	THE SUBCONTRACTORS' WORKFORCES
C11	MEASUREMENT AND PAYMENT

C1 **SCOPE**

This Specification covers the provisions and requirements relating to the provision of the temporary workforce.

C2 **INTERPRETATIONS**

C2.1 **Supporting documents.**

The Bid Rules, Conditions of Contract, Standard and Construction Specifications, Drawings and statutory minimum requirements relating to the employment and remuneration of labour shall *inter alia* be read in conjunction with this Specification.

C2.2 **Definitions and abbreviations**

For the purposes of this specification, the definitions given in the Conditions of Contract, the Standard Specifications, and the Construction Specifications, together with the following additional definitions shall, unless the context dictates otherwise, apply:

- (i) "Key Personnel" means all contracts managers, site agents, materials and survey technicians, trainers, supervisors, foremen, skilled plant operators, artisans and the like, and all other personnel in the permanent employ of the Contractor or Subcontractor who possess special skills and/or who play key roles in the Contractor's or Subcontractor's operation
- (ii) "Project Committee" means a committee consisting of the Employer, the Employer's Agent, the Contractor, (or their nominated representatives) as well as representatives of the temporary workforce, which is convened from time to time at the discretion of the Employer's Agent, for the purposes of acting as an avenue for effective

communication and liaison between all the parties referred to, in all matters pertaining to the Contract.

- (iii) "Subcontractor" means any person or group of persons in association, or firm, or body corporate (whether formally constituted or otherwise) not being the Contractor, to whom specific portions or aspects of the Works are sublet or subcontracted by the Contractor in accordance with the provisions of the Contract
- (iv) "Worker" for the purposes of this Specification means any person, not being one of the Contractor's key personnel, nor any key personnel of any Subcontractor, who is engaged by the Contractor, a Subcontractor, or the Employer to participate in the execution of any part of the Contract Works and shall include unskilled labour, semi-skilled and skilled labour, clerical workers and the like.
- (v) "Workforce" means the aggregate body comprising of all workers and shall, unless the context dictates otherwise, include the workforces of the Contractor and all Subcontractors.

C2.3 Status

Where any provisions or requirements of this Specification are in conflict with anything elsewhere set out in the Contract, the provisions and requirements of this Specification shall take precedence and prevail.

C3 PERMITTED SOURCES OF TEMPORARY WORKERS

The Contractor shall as far as possible make optimum use of the human resources outside his own workforce and the workforces of all Subcontractors. The temporary workforce which is to be used in the execution of the Works in terms of Part A may consist of the workers of various communities and shall not be bound to one community.

C4 EMPLOYMENT RECORDS TO BE PROVIDED

The Contractor shall maintain accurate and comprehensive records of all workers engaged on the Contract and shall provide the Employer's Agent at monthly intervals from the commencement of the Contract, with interim records substantiating the actual numbers of employment opportunities which have been generated to date and the amounts actually paid in respect thereof. Such interim records shall be in a format approved by the Employer's Agent.

The Contractor shall, on completion of the Contract, and as a pre-requisite event to the release of any retention money in terms of the Conditions of Contract, provide the Employer's Agent with copies of the Terms of Employment as well as independently audited documentary evidence of the total number of temporary and permanent employment opportunities actually generated during the Contract.

C5 VARIATIONS IN WORKER PRODUCTION RATES

Notwithstanding anything to the contrary as may be stated in or inferred from any other provision of this Contract, the Contractor shall not be entitled to any additional payment or compensation whatever, in respect of any differences as may result between the production rates actually achieved by workers in the course of the execution of the Contract Works and those production rates on which he has based his bid.

C6 TRAINING OF THE TEMPORARY WORKFORCE (EPWP LABOURERS)

Selected members of the workforce are to be provided with structured training in accordance with the provisions of Part D.

The Contractor shall make all necessary allowances in his programme of work to accommodate and facilitate the delivery of such structured training and shall comply fully with the requirements of Part D.

The provision of structured training as described in Part D shall not relieve the Contractor of any of his obligations in terms of the Conditions of Contract and the Contractor shall remain fully liable for the provision, at his own cost, of all training of the workforce, additional to that as provided for in Part D, as may be necessary to achieve the execution and completion of the works strictly in accordance with the provisions of the Contract.

C7 RECRUITMENT AND SELECTION PROCEDURES

The Contractor shall be fully responsible for the recruitment and selection of workers to constitute the temporary workforce (EPWP labourers).

The Contractor shall advise the Employer's Agent in writing of the numbers of each category of temporary worker which he requires, together with the personal attributes which he considers desirable that each category of worker shall possess (taking due cognisance of the provisions of the Contract relating to training).

The Contractor shall record in writing, the details of all persons applying for employment, including *inter alia*:

- (i) Name, address, age and sex
- (ii) Marital status and number of dependants
- (iii) Qualifications and previous work experience (whether substantiated or not)

- (iv) Period since last economically active
- (v) Preference for type of work or task.

The Contractor shall make his selection of workers from amongst the applicants, taking due cognisance of his requirements for the workforce and the provisions of the contract in regard to the provision of training to the workforce and in accordance with the following principles:

- (i) No potential temporary worker shall be precluded from being employed by the Contractor on the execution of the Works, by virtue of his lack of skill in any suitable operation forming part of the Works, unless –
 - all available vacancies have been or can be filled by temporary workers who already possess suitable skills, or
 - the Time for Completion allowed in the Contract, or the remaining portion of the Contract Period (as the case may be) is insufficient to facilitate the creation of the necessary skills.
- (ii) Preference shall be given to the unemployed and single heads of households.
- (iii) The Contractor shall, in so far as is reasonably practicable, give priority to accommodating the applicants' expressed preferences regarding the types of work for which they are selected.
- (iv) The selection process shall not be prejudicial to youth (over the age of fifteen years) and women.

After making his selection, the Contractor shall advise the Employer or the Employer's Agent thereof, in writing and the Employer or the Employer's Agent shall, without undue delay, ratify the Contractor's selection.

The provisions of this clause shall apply *mutatis mutandis* in respect of the selection of additional or replacement members of the workforce as may be necessary from time to time during the Contract.

C8 **TERMS AND CONDITIONS PERTAINING TO THE EMPLOYMENT OF THE TEMPORARY WORKFORCE (EPWP LABOURERS)**

C8.1 All temporary workers engaged in accordance with the provisions of the Construction Specifications, shall be employed on the terms and conditions of employment as are consistent with those as set out in this Contract.

The Contractor shall implement and adhere strictly to such terms and conditions relating to the employment of the temporary workforce, and subject only to the provisions of this Contract, shall not employ any temporary worker on terms and conditions which are less favourable to the worker or inconsistent with the standards and norms generally

applicable to temporary workers in the Civil Employer's Agenting Industry and applicable to the particular area.

C9 **LABOUR RELATIONS AND WORKER GRIEVANCE PROCEDURES**

The Contractor, as the Employer of the workforce, shall be fully responsible for the establishment and maintenance at his own cost, of satisfactory labour relations on site and the resolution of all grievances of temporary workers as may occur.

The Contractor shall at all times adhere to the accepted norms and standards of labour relations prevailing generally in the Civil Engineering Construction Industry and shall conduct himself in a fair and reasonable manner, within the constraints as may be imposed upon him by the terms of the Contract.

In the event of any temporary worker engaged by the Contractor in terms of the Contract, being aggrieved with regard to his terms of employment, working conditions and training, he shall have the right, at his discretion, to be supported in any inquiry or disciplinary hearing or investigation instituted by the Contractor by one member of the temporary workforce and one member of the Project Committee, which persons shall be nominated by the worker.

In the event of any grievance not being satisfactorily resolved through the application of normal dispute resolution procedures, then either the Contractor or the worker concerned may require that the matter be referred to the Project Committee for further consideration, with a view to facilitate the resolution thereof.

C10 **THE SUBCONTRACTORS' WORKFORCES**

The provisions of this Part F shall apply *mutatis mutandis* to the workforces employed by all Subcontractors engaged by the Contractor and the Contractor shall be fully responsible for ensuring, at his own cost, that the terms of every subcontract agreement entered into are such as to facilitate the application of these provisions in respect of the workforces of all Subcontractors.

The Contractor shall at his own cost and to the extent necessary, assist and monitor all Subcontractors in the application of the provisions of this Specification, and shall, in terms of the Conditions of Contract, remain fully liable in respect of the acts, omissions and neglects of all Subcontractors, in respect of the application of the provisions of this Specification.

C11 **MEASUREMENT AND PAYMENT**

The Contractor will not be separately reimbursed or compensated in respect of the provision of the workforce and creation of temporary employment opportunities and all the Contractor's costs associated with compliance with the provisions of this part of the Construction Specifications shall, except to the extent provided for in Part G as relevant,



be deemed to be included in the rates bided for the various items of work listed in the Bill of Quantities.

FOR

**BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH
STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND
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PART D: PROVISION OF STRUCTURED TRAINING

CONTENTS

D1	SCOPE
D2	INTERPRETATIONS
D3	ENGINEERING SKILLS TRAINING
D4	ENTREPRENEURIAL SKILLS TRAINING
D5	MEASUREMENT AND PAYMENT

D1 SCOPE

This specification covers the requirements for the provision of the following training:

- (i) Specified structured training to selected members of the workforce and small, medium, and micro enterprises (SMME's) by a selected Subcontractor as appointed by the Contractor.
- (ii) Additional training deemed necessary by the Contractor, to members of the workforce and small, medium, and micro enterprises (SMME's).

D2 INTERPRETATIONS

D2.1 Supporting documents.

The Bid Rules, Conditions of Contract, Standard, Supplementary and Specific Specifications and Construction Specifications and drawings shall *inter alia* be read in conjunction with this specification.

D2.2 Application

The provisions of this specification shall apply in respect of all workers and small, medium, and micro enterprises other than the Contractor's key personnel, who are engaged on the execution of the works.

D3 ENGINEERING SKILLS TRAINING

The Contractor shall, from the commencement of the contract, implement a structured training programme comprising of the training delivered by the Selected Subcontractor and any additional training as provided for by the Contractor, in which the various skills required for the execution and completion of the works are imparted to the workers, and where applicable, small, medium and micro enterprises engaged thereon, in a programmed and progressive manner.

Selected workers shall be trained progressively throughout the duration of the contract in the various stages of a particular type of work.

D3.2 Training programme

The skills training programme to be implemented by the Selected Subcontractor shall comply with the following minimum standards:

- a) Be accredited by the Civil Engineering Industry Training Scheme (CEITS) or other institution recognised by the Department of Labour, as being appropriate for application on this project. Accredited training refers to both the trainers as well as to the training materials.
- b) Be delivered by suitably qualified and experienced trainers accredited to do so.

D3.3 In house training

The Contractor shall provide with his bid, full details of any additional accredited and in-house training, viewed to be necessary by the Contractor, which he intends to implement at his own cost. These details shall include the following:

- (i) The name of the accredited training institution and programme
- (ii) The various aspects of each type of training comprised in the programme
- (iii) The manner in which the training is to be delivered
- (iv) The numbers and details of the trainers to be utilized.

Details of such additional skills training shall be attached to Form H of the forms to be completed by the Bidder.

D3.4 Additional training

The Contractor shall be responsible for the provision of the following necessary for the delivery of the specified and additional skills training programme, including the following:

- (i) Sufficient skilled, competent and accredited trainers to deliver the additional training programme to workers in accordance with the training programme
- (ii) A suitably furnished venue
- (iii) Transport of the workers as required.
- (iv) Tools, equipment, and teaching aids
- (v) Stationery and all other necessary materials.

D3.5 Selection of candidates

Members of the workforce will be selected by the Contractor, assisted by the Employer's Agent and the Liaison Officer, to receive specific training as approved by the Employer's Agent.

The following will be taken into account in the selection of the workers to receive the specified training:

- (i) Previous experience (if any)
- (ii) Previous courses completed (if any)
- (iii) Module specific requirements.

- D3.6 Duration of training
The Contractor shall allow in his programme for the selected members of the workforce to be engaged in the specified training modules.
- Provision must also be made by the Contractor for members of the workforce to receive any additional training as provided for by the Contractor.
- D3.7 Training hours
All specified skills-related training shall take place only during normal working hours and the Contractor shall ensure that the selected workers are available at the appropriate times to undergo such training.
- D3.8 Approval of training
Both the Selected Subcontractor's and the Contractor's additional training programme shall be subject to the approval of the Employer or the Employer's Agent, and if so, instructed by the Employer's Agent, the Contractor shall alter or amend the programme and course content to suit changing conditions on site and all changes in the Contractor's programme of work.
- D3.9 Training record
The Contractor shall keep comprehensive records of the training given to each worker involved in training as well as the nature and number of each task executed by the worker and whenever required shall provide copies of such records to the Employer's Agent.
- D3.10 Remuneration during training
Workers shall be remunerated in respect of all time spent undergoing the specified training in terms of Clause D03.02, at the minimum specified wage rate for the area of the Works.
- D3.11 Use of workers
The Contractor shall, in so far as it is reasonably feasible, take due cognizance of the nature of the works to be executed at any given time and use trained workers on those aspects of the works for which they have been trained.
- D4 ENTREPRENEURIAL SKILLS TRAINING**
- D4.1 Selection of Candidates
Members from selected small, medium and micro enterprises employed by the Contractor as Subcontractors will be entitled to receive a structured training programme, comprising of training delivered by a Selected Subcontractor and any additional training as provided for by the Contractor.
- D4.2 Performance and monitoring
The Contractor shall closely monitor the performance of all the Subcontractors in the execution of their contracts and shall identify all such Subcontractors who, in his opinion, display the potential to benefit from structured training as may be provided for elsewhere in the Contract and where required by the Employer's Agent, and shall make

recommendations in this regard. The final list of candidates will be decided between the Contractor, the Employer's Agent and the Project Committee.

D4.3 Delivery of training

The Contractor shall assist in facilitating in the delivery of the training, by instructing and motivating the Subcontractor's regarding attendance and participation therein.

D4.4 Programming of work and training

The Contractor shall further make all reasonable efforts to co-ordinate the programming of the Subcontractor's work with that of the delivery of the structured training.

D4.5 Training standards

The entrepreneurial skills training programme to be implemented by the selected Subcontractor or Contractor shall comply with the following minimum standards:

- (i) Be accredited by the Civil Engineering Industry Training Scheme (CEITS) or other institution recognised by the Department of Labour, as being appropriate for application on this project. Accredited training refers to both the trainers as well as to the training materials.
- (i) Be delivered by suitably qualified and experienced trainers accredited to do so.

D4.6 Certificates

Following completion of the structured training, members of small, medium and micro-Subcontractors that have demonstrated understanding of and competence in the training material are to be appropriately certified by the accrediting body.

D4.7 In house training and additional training

The Contractor shall provide with his bid, full details of any additional accredited and in-house training, viewed to be necessary by the Contractor, which he intends to implement at his own cost. These details shall include the following:

- (i) The name of the training institution and programme
- (ii) The various aspects of each type of training comprised in the programme
- (iii) The manner in which the training is to be delivered
- (iv) The numbers and details of the trainers to be utilized.

Details of such additional entrepreneurial training shall be attached to Form H of the forms to be completed by the Bidder.

D4.8 Provision of entrepreneurial training

The Contractor shall be responsible for the provision of the following necessary for the delivery of the entrepreneurial training programme, including the following:

- (i) Sufficient skilled and competent trainers to deliver the additional training programme to trainees in accordance with the training programme
- (ii) A suitably furnished venue
- (iii) Transport of the trainees as required
- (iv) Tools, equipment, and teaching aids
- (v) Stationery and all other necessary materials.

D4.9 Training hours
All specified entrepreneurial training shall take place within normal working hours.

D4.10 Approval of training
Both the Selected Subcontractor's and the Contractor's training programme shall be subject to the approval of the Engineer, and if so instructed by the Employer or the Employer's Agent shall alter or amend the programme and course content.

D4.11 Training records
The Contractor shall keep comprehensive records of the training given to each Subcontractor involved in training and whenever required shall provide copies of such records to the Employer's Agent. At the successful completion of each course each Subcontractor shall be issued with a certificate indicating the course contents as proof of attendance and completion.

D4.12 Remuneration during training
No remuneration in respect of time spent undergoing specified training in terms of this clause will be made to any of the Subcontractors or the Contractor.

D5 MEASUREMENT AND PAYMENT

D5.1 Basic principles

Training

The Contractor shall only be reimbursed for the amounts actually paid by the Contractor to the Selected Subcontractors as appointed by the Contractor, in execution of the Employer's Agent's written instruction, plus a percentage as bided to cover all his charges and profits.

D5.2 Scheduled items.

Payment items are included in the bill of Quantities under Part C, Measurement and Payment for the provision of the specified training by selected Subcontractors only.



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PART E: DEVELOPMENT OF THE SMME CONTRACTORS AND LOCAL LABOUR

PART E: DEVELOPMENT OF THE SMME CONTRACTORS AND LOCAL LABOUR.

The development of the SMME Contractors and Local labour may include but not limited to:

- The employment and training of local labour.
- Purchasing of materials from local suppliers.
- Employment of local sub-contractors.

The main contractor must submit the contractual agreement entered into between the main contractor and the subcontractor to the employer or to the employer's agent.

The SMME's must be selected from the Midvaal Local Municipality area of jurisdiction.

- i) The EPWP Guidelines will be implemented on this project.
- ii) The successful Bidder must employ local labourers on this contract.
- iii) The successful bidder is to appoint local sub-contractors (SMMEs) through the guidance Midvaal LM, to undertake the execution of the works that are required in this bid to complete the project.



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PART F: PROVISION OF A SAFETY OFFICER

PART F: PROVISION OF A SITE SAFETY OFFICER

The person that will undertake the OHS Act Compliance Monitoring must have the following qualifications and competency:

NQF level 5 qualification or above in Occupational Health & Safety or Safety Management with 5 years' experience or above in construction for maximum points.

Prepare the Fall Protection Plan which includes the outlining of all risks relating to working from fall-risk position, considering the nature of work undertaken, stipulate in writing the procedures and methods to be applied to eliminate the risk and prepare a rescue plan.



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**PART G: SUPPLEMENT TO THE CONTRACT (VOLUME 3: PART 5): SPECIFICATION FOR
OCCUPATIONAL HEALTH AND SAFETY**

PART G: SUPPLEMENT TO THE CONTRACT: SPECIFICATION FOR OCCUPATIONAL HEALTH AND SAFETY

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G3	BIDS
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G1	SCOPE

This specification covers the health and safety requirements to be fulfilled by the Contractor to ensure a continued safe and healthy environment for all workers, employees, and Subcontractors under his control and for all other persons entering the site of works.

This specification shall be read with Part 5, C5.2: Specification for Occupational Health and Safety, the Occupational Health, and Safety Act (Act No. 85 and amendment Act No. 181) 1993, and the corresponding Construction Regulations, 2014, and all other safety codes and specifications referred to in the said Construction Regulations.

In terms of the OHS Act Agreement in Section 9 of the bid document, the status of the Contractor as Mandatary to the Employer is that of an Employer in his own right, responsible to comply with all provisions of OHS Act 1993 and the Construction Regulations, 2014.

This Specification supplements the Midvaal Local Municipality's Specification for Occupational Health and Safety which is contained in Part 5, C5.2 of the Contract documents. In the event of any variation between this section and Part 5 of the Contract, Part 5 shall have precedence.

Part 5 of the Contract and the Contractor's own Safety Plan as well as the Construction Regulations, 2014, shall be displayed on site and made available for inspection by all workers, employees, inspectors, and any other persons entering the site of works.

G2

DEFINITIONS

For the purpose of this contract the following shall apply:

“Employer” where used in the contract documents and in this specification, means the Employer as defined in the General Conditions of Contract and it shall have the exact same meaning as **“Client”** as defined in the Construction Regulations, 2014. **“Employer”** and **“Client”** is therefore interchangeable and shall be read in the context of the relevant document.

“Contractor”, wherever used in the contract documents and in this specification, shall have the same meaning as **“Contractor”** as defined in the General Conditions of Contract. For bid purposes, **“Contractor”** shall also mean **“Bidder”**.

In this specification the terms **“Principal Contractor”** and **“Contractor”** are replaced with **“Contractor”** and **“Subcontractor”** respectively.

For the purpose of this contract the **Contractor** will, in terms of OHS Act 1993, be the Mandatary of the Employer, without derogating from his status as an Employer in his own right.

“Employer’s Agent” where used in this specification, means the Employer’s Agent as defined in the General Conditions of Contract. In terms of the Construction Regulations the Engineer may act as agent on behalf of the Employer (the Client as defined in the Construction Regulations).

G3

BIDS

For bid purposes:

- a) The Contractor shall sign Volume 3: Part 1 Form C1.6. The form contains a declaration that the Contractor is conversant with legislation and documentation pertaining to Occupation Health and Safety (OHS) Act requirements which will be applicable to the contract. The form also includes a declaration that the Contractor has, or will obtain, the necessary knowledge, competence, and resources to comply with the OHS Act requirements of the Contract.

- b) The Contractor shall submit with his bid a written proposal describing how he will comply with the OHS Act requirements of the Contract.

The proposal shall specify or describe, as the case may be, at least the following:

- (i) Has the Contractor had previous experience with contracts where the Construction Regulations and either the MLM’s OHS specification or another Employer’s OHS specification applied? If so, give details of the type of contract.
- (ii) Has the Contractor produced a Health and Safety Plan before. If so, give details of the type of contract.

- (iii) If the Contractor has not had the previous experience or produced a Health and Safety Plan as per (i) and (ii) above, specify whether the Contractor has in-house personnel who are competent to manage and comply with OHS requirements, or whether assistance will be obtained from outside the company.
- (iv) The Contractor's brief remarks about which aspects of Health and Safety he considers to be of particular importance with regard to the Contract, and how these aspects will be addressed.

Note

Failure to submit the required proposal or failure to submit any further information requested by the Employer or the Engineer during bid evaluation will lead to the conclusion that the Contractor is not able to carry out the work under the contract safely in accordance with the Construction Regulations, 2014 and will result in the bid being subject to disqualification.

G4 NOTIFICATION OF COMMENCEMENT OF CONSTRUCTION WORK

The contractor shall, where the contract meets the requirements laid down in Construction Regulation 4 prior to commencement, notify the Department of Labour of the intention to carry out construction work and use the form (pro forma included in Volume 3: Part 5 Section C5.2) for the purpose. A copy shall be kept on the OH&S file and a copy shall be forwarded to the Employer for record keeping purposes.

G5 GUIDELINES FOR THE DEVELOPMENT OF A HEALTH & SAFETY PLAN

G5.1 Project Background

In terms of the Construction Regulation 5(1)(b), the Employer is required to compile site specific health and safety specifications for each of its projects and the Contractor, appointed by the Employer in terms of Construction Regulation 5(1)(K), is required to prepare an Occupational Health and Safety Plan. This plan has to be prepared in terms of Construction Regulation 7(1)(a) as well as the Employer's site-specific health and safety specifications. In terms of Construction Regulation 5(1)(l), the Employer and the Contractor are required to discuss and negotiate the content of the plan and the Employer must there after finally approve the plan for implementation. Work may only commence after the final approval of Occupational Health and Safety Plan.

G5.2 Framework for an Occupational Health and Safety Plan

G5.2.1 Introduction

The Contractor must demonstrate to the Employer that he has a suitable and sufficiently documented Occupational Health and Safety Plan as well as the necessary competencies, experience and resources to perform the construction work safely. The Contractor could be required to submit the following documentation for perusal and verification by the Employer:

- Management Structure
- Quality Plan
- Human Resources Plan
- Registered Workplace Skills Plan
- "Letter of standing" from the Compensation Commissioner or licensed compensation insurer.
- Proof of induction and other training of employees
- Example copy of minute of previous Occupational Health and Safety Committee meetings and copies of Incident Investigation Reports

G5.2..2 Occupational Health and Safety Management Programme

- Management of Occupational Health and Safety risks
- Occupational Health and Safety structures and appointments
- Programme of Occupational Health and Safety inspections
- Occupational Health and Safety Representatives
- Occupational Health and Safety committee

G5.2.3 Communication and Management of the Work

- Management structure and responsibilities
- Occupational Health and Safety objectives for the project and arrangements for monitoring and review of Occupational Health and Safety performance

Arrangements for

- Regular liaison between parties on site
- Consultation with the workforce
- The exchange of design information between the Employer, Engineer, supervisors, and Subcontractors on site
- Handling design changes during the project
- Selection and control of Subcontractors
- The exchange of Occupational Health and Safety information between all Subcontractors
- Security
- Site induction and on-site training
- Facilities and first-aid
- The reporting and investigation of accidents and incidents
- The production and approval of risk assessments and method statements
- Site Occupational Health and Safety rules
- Fire and emergency procedures
- Reporting to the Employer i.e., results of Occupational Health and Safety inspections, incident and incident investigations and committee meetings

- Reporting incidents to the Department of Labour and Compensation insurer where appropriate

G5.2.4 Arrangements for controlling significant site risks.

The following are some examples requiring arrangements for controlling the most significant site risks:

Safety risks

- Services, including temporary electrical installations.
- Preventing employees from falling into excavations, from trucks etc.
- Work with, on or near fragile materials
- Control of lifting operations
- The maintenance of plant and equipment
- Poor ground conditions
- Traffic routes and segregation of vehicles and pedestrians
- Storage of hazardous materials
- Dealing with existing unstable structures/land
- Accommodating adjacent land use
- Other significant safety risks are as and when identified.

Health risks

- Storage and use of hazardous chemical substances
- Dealing with contaminated land or material
- Manual handling
- Reducing noise and vibration
- Provision of adequate lighting
- Ventilation considerations
- Extreme heat and cold temperature considerations
- Dealing with HIV/Aids and other illnesses
- Provision of and maintaining ablution and eating facilities
- Other significant health risks as and when identified.

G6 HEALTH AND SAFETY FILE

As required by Construction Regulation 7(1), the contractor and subcontractors shall each keep an OH&S file on site. The Health and Safety File is a file or other permanent record containing information on aspects of the construction project - which will be necessary to ensure the health and safety of any person who may be affected by the construction work.

The Contractor shall appoint a suitably qualified person to prepare the Health and Safety File and to keep it up to date for the duration of the contract.

The following index is neither exhaustive nor prescriptive but recommended as a guide for the contents of the OH&S file:

- Notification of construction work (Construction Regulation 4) where applicable
- Latest copy of OH&S Act (General Administrative Regulation 4)
- Proof of registration and good standing with COID Insurer (Construction Regulation 5(1)(j))
- OH&S plan agreed with the Employer including the underpinning risk assessment/s and method statements (Construction regulation 7(1))
- Copies of OH&S committee and other relevant minutes
- Designs/drawings (Construction Regulation 7(1)(e))
- A list of subcontractors including copies of the agreements between the parties and the type of work being done by each subcontractor (Construction Regulation 7(1)(f))
- Appointment/designation forms as per sub-sub-clause E1002(a)(i) and (ii).

Registers as follows:

- Accident/Incident register (Annexure 1 of the General Administrative Regulations)
- Accommodation of traffic daily inspection book
-
- OH&S representatives' inspection register.
- Asbestos demolition and stripping register
- Bulk mixing plant inspections
- Construction vehicles and mobile plant inspections by controller
- Daily inspection of vehicles, plant, and other equipment by the operator/driver/user
- Demolition inspection register
- Designer's inspection of structures record
- Drivers/Operators of Mobile Plant/Construction Vehicles Daily Inspections
- Electrical installations, equipment and -appliances (including portable electrical tools)
- Excavations inspection
- Explosive actuated fastening device inspection, maintenance, issue and return register (incl. cartridges and nails)
- Fall protection inspection register.
- First aid box contents
- Fire equipment inspection and maintenance
- Temporary works inspections
- Hazardous chemical substances record
- Ladder inspections
- Lifting equipment register
- Materials hoist inspection register
- Machinery safety inspection register (incl. machine guards, lockouts etc.)
- Scaffolding inspections

- Stacking and storage inspection
- Inspection of cranes
- Inspection of structures
- Inspection of suspended platforms
- Inspection of tunnelling operations
- Inspection of vessels under pressure
- Welding equipment inspections
- Inspection of work conducted on or near water.
- Welfare facilities as provided.

The Health & Safety File shall be handed over to the Employer on completion of the contract. It must contain all the documentation handed to the Contractor by any Subcontractors together with a record of all drawings, designs, materials used and other similar information concerning the completed project.

G7 RISK ASSESSMENT

The contractor shall, before the commencement of any construction work or work associated with the aforesaid construction work and during such work, conduct a risk assessment by a competent person and the risk assessment so produced shall form part of the OH&S plan and be implemented and maintained as contemplated in Construction Regulation 9(1). Competence is a factor of training, knowledge, experience and/or appropriate qualifications. Where proof of competence is required by the Regulation, a concise CV must be attached to the appointment letter.

Risk is a measure of the likelihood that the harm from a particular hazard will be realized, taking into account the possible severity of the harm. Harm to people includes death, injury (permanent or temporary), physical or mental health or any combination thereof. Risk management in health and safety includes the identification of hazards, assessing risks, taking action to eliminate or reduce the risk, monitoring the effectiveness and performing regular reviews of the entire process.

The risk assessment shall include, as far as is reasonably practicable, at least:

- the identification of the risks and hazards to which persons may be exposed.
- the analysis and evaluation of the risks and hazards identified, inclusive of a residual risk rating methodology. The method to be used is not prescribed.
- a documented plan of safe work procedures, to mitigate, reduce or control those residual risks that have been identified as unacceptably high, by means of the rating system.
- a monitoring plans.
- a review plan, inclusive of dates to be adhered to; and
- ergonomic related risks are to be analyzed, evaluated, and addressed as part of the process.

Based on risk assessments, the contractor shall develop a set of site-specific OH&S rules that shall be applied to regulate the OH&S aspects of the construction. The risk assessments, together with the site-specific OH&S rules shall be submitted to the Employer before construction on site commences.

All variations to the scope of work shall similarly be subjected to a risk assessment process.

The contractor shall review the hazard identification, risk assessments and standard working procedures at each production planning and progress report meeting as the contract work develops and progresses and each time changes are made to the designs, plans and construction methods and processes. The contractor shall provide the Employer, subcontractors, and all other parties concerned with copies of any changes, alterations or amendments as contemplated above.

The Contractor must ensure that all Subcontractors conduct risk assessments for their scope of work as well.

The risk assessment shall be available on site for inspection by inspectors, Employer, Employer's Agent, Subcontractors, employees, trade unions and health and safety committee members, and must be monitored and reviewed periodically by the Contractor.

G8 APPOINTMENT OF EMPLOYEES AND SUBCONTRACTORS

G8.1 Health and Safety plan

The Contractor shall appoint his employees and any Subcontractors to be employed on the Contract, in writing, and he shall provide them with a copy of his documented Health and Safety Plan, or relevant sections thereof. The Contractor shall ensure that all Subcontractors and employees are committed to the implementation of his Safety Plan.

The Contractor shall appoint every sub-contractor in terms of Construction Regulation 7(1) (c)(v).

G8.2 Health and Safety induction training

The Contractor shall ensure that all employees under his control, including Subcontractors and their employees, undergo a health and safety induction-training course by a competent person before commencement of construction work. No visitor or other person shall be allowed or permitted to enter the site of the works unless such person has undergone health and safety training pertaining to hazards prevalent on site.

The Contractor shall ensure that every employee or visitor on site shall at all times be in possession of proof of the health and safety induction training issued by a competent person prior to commencement of construction work.

G8.3 OH&S Training Requirements:

(As required by the Construction Regulations and as indicated by the OH&S Specification and the Risk Assessment/s)

- General Induction (Section 8 and 14 Of the Act)
- Site/Job Specific Induction (also visitors) (Section 8 & 9 of the Act)
- Site/Project Manager
- Construction Supervisor
- OH&S Representatives (Section 18 (3) of the Act)
- Training of the Appointees indicated in 3.1.1 & 3.1.2 above.
- Operation of Cranes (Driven Machinery Regulations 22))

- Operators and Drivers of Construction Vehicles & Mobile Plant (Construction Regulation 23)
- Basic Fire Prevention & Protection (Environmental Regulations 9 and Construction Regulation 29)
- Basic First Aid (General Safety Regulations 3)
- Storekeeping Methods & Safety Stacking (Construction Regulation 26)
- Emergency, Security and Fire Coordinator

G9 APPOINTMENT OF SAFETY PERSONNEL

G9.1 Construction Supervisor

The Contractor shall appoint a full-time **Construction Supervisor** with the duty of supervising the performance of the construction work.

He may also have to appoint one or more competent employees to assist the construction supervisor where justified by the scope and complexity of the works.

G9.2 Construction Safety Officer

Subject to the decision by the Inspector of the Department of Labour and taking into consideration the size of the project and the hazards or dangers that can be expected, the Contractor shall appoint in writing a full-time or part-time **Construction Safety Officer**. The Safety Officer shall have the necessary competence and resources to perform his duties diligently.

Provision will be made in the schedule of quantities to cover the cost of a dedicated construction safety officer appointed after award of the contract if so, ordered by the Employer's Agent.

G9.3 Health and Safety Representatives

In terms of **Section 17 and 18 of the Act (OHS Act 1993)** the Contractor shall appoint a **Health and Safety Representative** whenever he has more than 20 employees in his employ on the works. The Health and Safety Representative must be selected from employees who are employed in a full-time capacity at a specific workplace.

The number of Health and Safety Representatives for a workplace shall be at least one for every 50 employees.

The function of the Health and Safety Representative(s) will be to review the effectiveness of Health and Safety measures, to identify potential hazards and major incidents, to examine causes of incidents (in collaboration with his Employer, the Contractor), to investigate complaints by employees relating to health and safety at work, to make representations to the Employer (Contractor) or inspector on general matters affecting the health and safety of employees, to inspect the workplace, plant, machinery etc. on a regular basis, to participate in consultations with inspectors and to attend meetings of the health and safety committee.

G9.4 Health and Safety Committee

In terms of **Section 17 and 18 of the Act (OHS Act 1993)**, the Contractor (as Employer), shall establish one or more **health and safety committee(s)** where there are two or more health and safety representatives at a workplace. The persons selected by the Contractor to serve on the committee shall be designated in writing.

The function of the health and safety committee shall be to hold meetings at regular intervals, but at least once every three months, to review the health and safety measures on the contract, to discuss incidents related to health and safety with the Contractor and the inspector, and to make recommendations regarding health and safety to the Contractor and to keep record of meetings, recommendations and reports made by the committee.

G9.5 Competent Persons

In accordance with the Construction Regulations the Contractor shall appoint, in writing, **Competent Persons** responsible for supervising construction work for the following work situations that may be expected on the site of the works.

- Risk assessment (Regulation 9);
- Fall protection (Regulation 10);
- Structures (Regulation 11);
- Temporary works (Regulation 10);
- Excavation work (Regulation 13);
- Demolition work (Regulation 14);

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- Tunneling (Regulation 15);
 - Scaffolding work (Regulation 16);
 - Suspended platforms (Regulation 17);
 - Rope access work (Regulation 18);
 - Material hoists (Regulation 19);
 - Bulk mixing plant (Regulation 20);
 - Explosive actuated fastening device (Regulation 21);
 - Cranes (Regulation 22);
 - Construction vehicle and mobile plant (Regulation 23);
 - Electrical installation and machinery on construction sites (Regulation 24);
 - Use of temporary storage of flammable liquids on construction sites (Regulation 25);
 - Water environments (Regulation 26);
 - Housekeeping and general safeguarding on construction sites (Regulation 27);
 - Stacking and storage on construction sites (Regulation 28);
 - Fire precautions on construction sites (Regulation 29); and
 - Construction employees' facilities (Regulation 30)

A competent person may be appointed for more than one part of the construction work with the understanding that the person must be suitably qualified and able to supervise at the same time the construction work on all the work situations for which he has been appointed.

The appointment of competent persons to supervise parts of the construction work does not relieve the Contractor from any of his responsibilities to comply with **all** requirements for the Construction Regulations.

G10 CONTRACTOR'S RESPONSIBILITIES

Before commencement of work under the Contract, the Contractor shall enter into an agreement with the Employer to confirm his status as mandatary (Employer) for the Contract under consideration.

The Contractor's duties and responsibilities are clearly set out in the Construction Regulations, 2014, and are not repeated in detail but some important aspects are highlighted hereafter, without relieving the Contractor of any of his duties and responsibilities in terms of the Construction Regulations.

In addition, the Contractor shall also comply with the requirements of the Compensation of Occupational Injuries and Diseases Act 130 of 1993 (COIDA) and to this effect shall submit a letter of good standing with the compensation Insurer to the Employer before work on site commences.

Contractor's position in relation to the Employer (Regulation 4)

In accordance with Section 4 of the Regulations, the Contractor shall liaise closely with the Employer or the Employer's Agent on behalf of the Employer, to ensure that all requirements of the Act and the Regulations are met and complied with.

The Contractor and Subcontractor (Regulation 5)

The Contractor is, in terms of the definition in Regulation 2(b), the equivalent of Contractor as defined in the Construction Regulations, and he shall comply with all the provisions of Regulation 5. Any Subcontractor employed by the Contractor must be appointed in writing, setting out the terms of the appointment in respect of health and safety. An independent Subcontractor shall, however, provide and demonstrate to the Contractor a suitable, acceptable, and sufficiently documented health and safety plan before commencement of the subcontract. In the absence of such a health and safety plan the Subcontractor shall undertake in writing that he will comply with the Contractor's safety plan, the health and safety specifications of the Employer and the Construction Regulations 2003.

Management and supervision of construction work (Regulation 8)

The Contractor shall appoint the safety, and other personnel and employees as required in terms of Regulation 8 and as set out in paragraphs E8 and E9 above. Appointment of those personnel and employees does not relieve the Contractor from any of the obligations under Regulation 7.

Risk assessment for construction work (Regulation 9)

The Contractor shall have the risk assessment prepared before commencement of the work, and it must be available on site for inspection at all times. The Contractor shall consult with the health and safety committee or health and safety representative(s) etc. on a regular basis to ensure that all employees, including Subcontractors under his control, are informed, and trained by a competent person regarding health hazards and related work procedures. No Subcontractor, employee or visitor shall be allowed to enter site of works without prior health and safety induction training, all as specified in Regulation 9.

Fall protection (Regulation 10)

Fall protection, if applicable to this contract, shall comply in all respects with Regulation 10 of this Construction Regulations.

Structures (Regulation 11)

The Contractor will be liable for all claims arising from the collapse or failure of structures if he failed to comply with all the specifications, Construction Specifications and drawings related to the structures, unless it can be proved that such collapse or failure can be attributed to faulty design or insufficient design standards on which the specifications and the drawings are based. In addition, the Contractor shall comply with all aspects of Regulation 11 of the Construction Regulations.

Temporary works (Regulation 12)

The Contractor will be responsible for the adequate design of all temporary work structures by a competent person. All drawings pertaining to temporary work structures shall be kept.

on site and all equipment and materials used in temporary work structures, shall be carefully examined, and checked for suitability by a competent person. A design certificate of the temporary work structures shall be submitted by a Professional Engineer. The provisions of Regulation 12 of the Construction Regulations shall be followed in every detail.

Excavation work (Regulation 13)

It is essential that the Contractor shall follow the instructions and precautions in the Standard Specifications and Construction Specifications as well as the provisions of the Construction Regulations as unsafe excavations can be a major hazard on any construction site. The Contractor shall therefore ensure that all excavation work is in terms of the Standard Specifications and Construction Specifications and the Construction Regulations carried out under the supervision of a competent person, that inspections are carried out by a Professional Engineer or Technologist, and that all work is done in such a manner that no hazards are created by unsafe excavations and working conditions.

Supervision by a competent person will not relieve the Contractor from any of his duties and responsibilities under Regulation 13 of the Construction Regulations.

Demolition work (Regulation 14)

Whenever demolition work is included in a contract, the Contractor shall comply with all the requirements of Regulation 14 of the Construction Regulations. The fact that a competent person has to be appointed by the Contractor does not relieve the Contractor from any of his responsibilities in respect of safety of demolition work.

Tunneling (Regulation 15)

The Contractor shall comply with Regulation 15 wherever tunneling of any kind is involved.

Scaffolding (Regulation 16)

The Contractor shall ensure that all the provisions of Regulation 16 of the Construction Regulations are complied with. [Note: Reference in the Regulations to "Section 44 of the Act" should read "Section 43 of the Act"]

Suspended platforms (Regulation 17)

Wherever suspended platforms will be necessary on any contract, the Contractor shall ensure that copies of the system design issued by a Professional Engineer are submitted to the Engineer for inspection and approval. The Contractor shall appoint competent persons as supervisors and competent scaffold erectors, operators and inspectors and ensure that all work related to suspended platforms are done in accordance with Regulations 17 of the Construction Regulations.

Rope access work (Regulation 18)

Where boatswain's chains are required on the construction site, the Contractor shall comply with Regulation 18.

Material hoists (Regulation 19)

Wherever applicable, the Contractor shall comply with the provisions of Regulation 19 to the letter.

Bulk mixing plant (Regulation 20)

Wherever applicable, the Contractor shall ensure that all lifting machines, lifting tackle, conveyors, etc. used in the operation of a bulk mixing plant shall comply with, and that all operators, supervisors and employees are strictly held to the provisions of Regulation 20. The Contractor shall ensure that the General Safety Regulations (Government Notice R1031 of 30 May 1986), the Driven Machinery Regulations (Government Notice R295 of 26 February 1988) and the Electrical Installation Regulations (Government Notice R2271 of 11 October 1995) are adhered to by all involved. In terms of the Regulations, records of repairs and maintenance shall be kept on site.

Explosive actuated fastening device (Regulation 21)

The Contractor shall ensure that, wherever explosive actuated fastening devices are required to be used, all safety provisions of Regulation 21 are complied with. It is especially important that warning notices are displayed and the issue and return of cartridges and spent cartridges be recorded in a register to be kept on site.

Cranes (Regulation 22)

Wherever the use of tower cranes becomes necessary, the provisions of Regulations 22 shall be complied with.

Construction vehicles and mobile plant (Regulation 23)

The Contractor shall ensure that all construction vehicles and plant are in good working condition and safe for use, and that they are used in accordance with their design and intended use. Workers or operators who have received appropriate training, all in accordance with all the requirements of Regulation 23, shall only operate the vehicles and plant. All vehicles and plant must be inspected on a daily basis, prior to use, by a competent person and the findings must be recorded in a register to be kept on site.

Electrical installation and machinery on construction sites (Regulation 24)

The Contractor shall comply with the Electrical Installation Regulations (Government Notice R2920 of 23 October 1992) and the Electrical Machinery Regulations (Government Notice R1953 of 12 August 1993). Before commencement of construction, the Contractor shall take adequate steps to ascertain the presence of, and guard against dangers and hazards due to electrical cables and apparatus under, over or on the site. All temporary electrical installations on the site shall be under the control of a competent person, without relieving.

the Contractor of his responsibility for the health and safety of all workers and persons on site in terms of Regulation 24.

Use of temporary storage of flammable liquids on construction sites (Regulation 25)

The Contractor shall comply with the provisions of the General Safety Regulations, 2003 and all the provisions of Regulation 25 of the Construction Regulations to sure a safe and hazard-free environment to all workers and other persons on site.

Water environment (Regulation 26)

Where construction work is done over or in close proximity to water, the provisions of Regulation 26 shall apply.

Housekeeping and general safeguarding on Construction sites (Regulation 27)

Housekeeping on all construction sites shall be in accordance with the provisions of the Environmental Regulations for Workplaces, 1987 and all the provisions of Regulation 27 of the Construction Regulations.

Stacking and Storage on Construction sites (Regulation 28)

The provisions for the stacking of articles contained in the General Safety Regulations, 2003 as well as all the provisions of Regulation 28 of the Construction Regulations shall apply.

Fire Precautions on Construction sites (Regulation 29)

The provisions of the Environmental Regulations for Workplaces, 1987, shall apply. In addition, the necessary precautions shall be taken to prevent the incidence of fires, to provide adequate and sufficient fire protection equipment, sirens, escape routes etc. all in accordance with Regulation 29 of the Construction Regulations.

Construction employees' facilities (Regulation 30)

The Contractor shall comply with the construction site provisions as in the Facilities Regulations, 2004 and the provisions of Regulation 30 of the Construction Regulations.

Offences and penalties (Regulation 33)

The Contractor, as Employer for the execution of the contract, shall ensure that all provisions of the Construction Regulations applicable to the contract under consideration are complied with. Any person who contravenes or fails to comply with any provision of regulations 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29 and 30, is guilty of an offence and liable upon conviction to a fine or to imprisonment for a maximum of 12 months and, in case of a continuous offence, not exceeding an additional fine of R200 or additional imprisonment of one day for each day on which the offence continues: Provided that the period of such imprisonment will not exceed 90 days. **The Contractor is advised in his own interest to make a careful study of the Act and the Construction Regulations as ignorance of the Act and the Regulations**

will not be accepted in any proceedings related to non-conformance to the Act and the Regulations.

G11 PROJECT / SITE SPECIFIC REQUIREMENTS

The following is a list of specific activities and considerations that have been identified for the project and the construction site and for which Risk Assessments, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Contractor:

- Clearing and Grubbing of the Site
- Site Establishment
- Dealing with existing structures
- Location and relocation of existing structures
- Installation and maintenance of temporary construction electrical supply, lighting, and equipment
- Health risk arising from neighboring as well as own activities and from the environment e.g., threats by dogs, bees, snakes, lightning etc.
- Traffic accommodation
- Exposure to noise
- Exposure to vibration
- Exposure to bituminous products
- Protection against dehydration and heat exhaustion
- Protection from wet & cold conditions
- Dealing with HIV/Aids and other diseases
- Use of Portable Electrical Equipment including
 - Angle grinder
 - Electrical drilling machine
- Excavations including
 - Ground / soil conditions
 - Trenching
 - Shoring
 - Drainage of trench
- Foundation excavations for structures
- Use of LP gas torches and appliances
- Loading & offloading of trucks
- Aggregate/sand and other materials delivery
- Manual and mechanical handling
- Lifting and lowering operations
- Driving & operation of construction vehicles and mobile plant including
 - Excavator
 - Bomac roller



- Plate compactor
- Front end loader
- Parking of vehicles & mobile plant
- Towing of vehicles & mobile plant
- Use and storage of flammable liquids and other hazardous substances.
- Bedding of trench floor
- Installation of pipes in trench
- Backfilling of trench
- Protection against flooding
- Use of explosives
- As discovered by the Contractor’s hazard identification exercise
- As discovered from any inspections and audits conducted by the Employer or by the Contractor or any other Contractor on site.

- As discovered from any accident/incident investigation.

G12: ARRANGEMENTS FOR MONITORING AND REVIEW

The Employer will conduct audits for compliance with Construction Regulation 5(1)(o) to ensure that the Contractor has implemented and is maintaining the agreed and approved OH&S Plan.

The Employer reserves the right to conduct ad hoc audits and inspections as deemed necessary.

A representative of the Contractor must accompany the Employer on all audits and inspections and may conduct his own audit/inspection at the same time. Each party will, however, take responsibility for the results of his own audit/inspection results.

G13: MEASUREMENT AND PAYMENT

Item	Unit
C1.2.5 Occupational Health and Safety Act Administration	
a) Health and Safety file	Lump Sum
b) Implementation of Health and Safety File.....	Month

THE LUMP SUM BIDDED IS ONLY FOR THE ADMINISTRATION OF THE CONTRACTOR’S OHS OBLIGATIONS. THE LUMP SUM IS NOT COMPENSATION FOR THE COST OF SAFETY EQUIPMENT OR TRAINING. THE COST OF EQUIPMENT, TRAINING, ETC SHALL BE INCLUDED IN THE CONTRACTOR’S BIDDED RATES FOR OTHER ITEMS OF THE WORKS



MIDVAAL LOCAL MUNICIPALITY

FOR

BID TO APPOINT A SERVICE PROVIDER FOR THE REHABILITATION OF ROADS WITH STORMWATER DRAINAGE STRUCTURES IN MIDVAAL LOCAL MUNICIPALITY ON AN “AS AND WHEN REQUIRED BASIS” FROM DATE OF APPOINTMENT TO 30 JUNE 2029.

C3.5: MANAGEMENT

3.5.1 CONSTRUCTION PROGRAMME AND COMMENCEMENT OF WORK

The Employer's Agent and/or Employer shall provide the Contractor with a plan per allocation of work indicating the works to be carried out. The Contractor shall within seven days produce a programme indicating the manner and order in which the works will be carried out. The Employer's Agent and/or Employer shall within seven days approve or disapprove the programme provided by the Contractor. Thereafter, on approval of an acceptable programme, the Contractor may not deviate from his proposed sequence of construction without the prior approval of the Employer's Agent and/or Employer.

Such approval of the programme by the Employer's Agent and/or Employer shall in no way relieve the Contractor of his duties or responsibilities under the contract.

The Contractor shall commence each allocation of work within fourteen (14) days of receipt of a written instruction to do so, save by prior arrangement with the Employer's Agent and/or Employer. Failure to commence work within 14 days or other agreed period will result in a penalty of R 2500.00 per day late.

With the exception of minor items of work, such as location and lowering of services, construction work shall not, at any one time, be in progress, or be uncompleted, on more than 25 % of the total length of the stormwater drains covered by the allocation of work or 200m whichever is the lesser. Any portion of the works will be deemed as "incomplete" until such time as practical use is available or in the case of stormwater drains, until the backfilling has been completed to final level. This requirement shall be borne in mind in the preparation of the programme required in terms of this clause.

3.5.2 CO-OPERATION WITH OTHER CONTRACTORS

During the course of the contract other contractors may be involved in construction projects on the site, some of which are inter-related with and dependent on portions of the work being undertaken on this contract.

The Contractor shall co-operate with the other parties and provide them with all reasonable access to enable them to carry out their work.

If the Contractor is obstructed in any way by other contractors, he shall notify the Employer's Agent and/or Employer in writing within 24 hours otherwise no claim for delay will be considered.

3.5.3 PROTECTION AGAINST VELD FIRES

The Contractor shall take the utmost care to prevent the starting of bush or other fires by himself or his employees, and in the event of such fires starting he shall immediately use his labour force to limit and extinguish them.

He shall indemnify and relieve the Employer of all liability in respect of any claims that may arise by reason of damage done by fires caused in any way by himself or his employees, or by reason of his activities on the site of the Works.

3.5.4 WORK IN SERVITUDES OR ON PRIVATE PROPERTY

The Contractor shall be responsible to obtain all consents and wayleaves required to work on properties which are not under the jurisdiction of the Employer in writing.

No work may be started in any servitude or on any private property without the consent of both the Employer's Agent and/or Employer and the owner, to both of whom the Contractor shall give 14 days' notice in writing of his intention to commence work in the servitude. The Contractor shall not permit his workmen and labourers to use the servitude as a temporary right-of-way and shall carry out the work expeditiously and with minimum inconvenience to the occupiers and to owners of adjacent property.

The Contractor shall take all necessary precautions for the protection of buildings and property and shall not allow any blasting to take place within 3 m of any building.

Topsoil shall be kept separate and all gardens, fences, paths etc, shall be reinstated to their former condition.

Before commencing work on private property, the Contractor, the Employer's Agent's Representative, and where possible, the occupier or owner shall together inspect the property and make a careful and accurate record of the state of the property. Such record shall be signed by all persons present at the inspection and be kept by the Employer's Agent's Representative. After completion of the work the property shall again be inspected and

restoration is to be approved by the owner or occupier of the property or where this is not possible by the Employer's Agent's Representative.

Should a complaint or a claim be received from a property owner in connection with damage to his property as a result of the Contractor's activities, or should the Employer's Agent and/or Employer not be satisfied with the restoration, the matter shall be referred to the Contractor for his attention. It shall be the Contractor's responsibility to prove to the Employer's Agent and/or Employer, by producing a receipt or an acquaintance from the owner, that the matter has been settled satisfactorily.

If after the expiry of 30 days from the date of the matter being referred to the Contractor, he has not notified the Employer's Agent and/or Employer that the matter has been settled, or has neglected or refused to carry out the restoration or pay compensation, the Employer's Agent and/or Employer shall then endeavour to settle the matter and any costs incurred shall be deducted from the payment certificate or retention money.

The Contractor's prices shall be deemed to include for the cost of obtaining all consents and wayleaves and all necessary restoration work, compensation, and settlement of any claims for which the Contractor is liable.

C3.5.5 Construction Programme

The Contractor shall supply within the period stated in the Contract Data a suitable and realistic construction programme that is based on the construction drawings issued by the Engineer, for consideration by the Engineer. This programme shall show the proposed scheduling and methods of execution of the Works, as well as the resources that will be allocated to each item or phase of the Works. Quantities proposed for execution during each month must be shown. In addition, the anticipated cashflow for the Contract, based upon these quantities, shall be shown following the prescribed format.

The Contractor will be expected to progress with the Works in accordance with the approved programme and shall not deviate from the order of execution shown in the programme without the prior approval of the Engineer or his Representative. Should such approval be given, an adjusted programme shall be produced within seven (7) days and submitted to the Engineer for evaluation.

Progress in advance of the programme on certain portions or phases of the Works shall not be considered adequate reason for poor progress on another portion or phase.

C3.5.6 Drawings, Operation and Maintenance Manuals

All information in the possession of the Contractor that is required by the Engineer's Representative in order to complete the As-Built drawings and to prepare a completion report for the Employer must be submitted to the Engineer's Representative before a Certificate of Practical Completion will be issued for the Works. Similarly, the Contractor will be required to submit full details of all pipes, valves, meters, and specials in a suitable loose bound format,

including any special operational and maintenance procedures related thereto, for incorporation in the overall operation and maintenance manual for the Scheme prior to the issue of a Certificate of Completion for the Works.

Only figured dimensions on the Drawings may be used in the interpretation thereof, and the Drawings shall not be scaled unless the Contractor is so instructed by the Engineer in writing. The Engineer will upon written request provide any dimensions that may have been omitted from the drawings.

C3.5.7 Site Administration

An index to the Engineer's standard site administration forms as well as examples of some of the administration forms is appended as in Part C4.6. Acceptance control, record keeping, and payment certificates shall be done in accordance with the Engineer's standard system except if the Engineer approves that the Contractor's standard system may be used.

C3.5.8 Daily Site Diary

The daily site diary in accordance with the pro forma appended in Annexure A shall be kept up to date by the Contractor's Representative and will be signed on a daily basis by the Engineer's Representative.

C3.5.9 Information in Respect of Plant

Information relating to plant on Site shall be recorded in the daily site diary. In addition, the Contractor shall deliver to the Engineer, on a monthly basis, a detailed summary of construction plant kept on the Site, full particulars given for each day of the month. Distinction shall be

made between plant in working order and plant out-of-order. Such inventory shall be submitted by the first day of the month following the month to be reported.

C3.5.10 Information in Respect of Employees

Information relating to labour and management on Site shall be recorded in the daily site diary in addition, the Contractor shall deliver to the Engineer, on a monthly basis, a detailed summary of supervisory staff, labour employed (own and local labour) by category, and sub-contractors (both local and imported) for each day of the month. Such return shall be submitted by the first day of the month following the month to be reported.

C3.5.11 Rainfall Records

Rainfall records for the period of construction shall be taken on Site and recorded in the daily site diary. The Contractor shall provide and install all the necessary equipment for accurately measuring the rainfall. The Contractor shall also provide, erect, and maintain a security fence plus gate, padlock and keys at each measuring station, all at his own cost. The Engineer or his Representative shall take and record the daily rainfall readings. The Contractor shall be permitted to attend these readings, in the company of the Engineer's

Representative. Access to the measuring gauge(s) shall at all times be under the Engineer's control.

C3.5.12 Site Instructions

Site instructions by the Engineer, addressed to the Contractor at his office on the Site, will be numbered consecutively and will be deemed to have been received by the Contractor's representative unless a break in the sequence of numbers is brought to the notice of the Engineer in writing immediately.

C3.5.13 Site Meetings

The Contractor and his authorized representative shall attend all meetings held on the Site with the Employer and the professional team at dates and times to be determined by the Engineer.

Such meetings will be held to evaluate the progress of the Contract, and to discuss matters pertaining to the Contract which any of the parties represented may wish to raise. It is not the intention to discuss day-to-day technical matters at such meetings.

C3.5.15 Environmental Management Plan

The Contractor shall comply with all the conditions of the Record of Decision and the Environmental Management Plan appended in this document (if any).

C3.5.16 Community Liaison and Community Relations

In all dealings with communities through which the Works are to be executed, and in all dealings with workers employed from within such communities, the Contractor shall take due cognizance of the character, culture, and circumstances of the specific community, and shall at all times use his best endeavours to avoid the development of disputes and rather to foster a spirit of co-operation and harmony towards the project.

The Contractor shall at all times, keep the Engineer fully informed regarding all matters affecting or negotiated between the Contractor and the community, and he shall attend all liaison meetings as may be arranged by the Engineer and/or the Employer. All matters concerning the community shall be discussed and where possible, resolved at such meetings.

Where any resolution during such negotiations or at such meetings shall be contrary to the terms and provisions of the Contract, the Contractor shall not give effect thereto without a prior written instruction from the Engineer. Where the Contractor is of the opinion that any instruction of the Engineer issued in terms of this clause will result in the incurring of additional costs which were not provided for in his tendered rates and prices and/or that a delay in the progress of the Works will result, he shall be entitled to submit a claim in terms of

Clause 48 of the Contract Data provided always that the period of twenty-eight (28) days referred to in Clause 48 shall be reduced to three (3) normal working days in respect of all claims submitted in terms of this clause.

C3.5.17 Workmanship and Quality Control

The onus to produce work that conforms in quality and accuracy of detail to the requirements of the Specifications and of the 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 quality of the Works at all stages of the Contract.

The cost of the Contractor's supervision and process control, including all testing carried out by the Contractor, will be deemed to be included in the rates tendered for the various items of work. The Contractor's attention is drawn to the provisions of the various Standardized Specifications regarding the minimum frequency of process control testing that is to be executed. The Contractor shall, at his own discretion, increase this frequency where necessary to always ensure adequate control of the quality of the Works.

Upon completion and submission of each portion of the Works to the Engineer for examination, the Contractor shall furnish the Engineer with the results of relevant tests, measurements, and levels, thereby indicating compliance with the Specifications. The Engineer will not examine or inspect any portion of work submitted for approval unless the request for inspection and approval is accompanied by relevant tests, measurements and levels indicating compliance.

C3.5.18 Features Requiring Special Attention

C3.5.18.1 Built-up Areas

The Contractor's attention is drawn to the fact that the Works will be constructed inside built-up areas. The Contractor shall exercise all necessary precautions and take all necessary steps to ensure the safety and convenience of the public. In addition, the Contractor shall provide access for traffic over and through the works, and for residents to their places of abode, all as described in the Scope of Work. Allowance must be made by the Contractor in his programming for delays resulting from the aforesaid.

The Contractor shall give residents a minimum of 72 hours written notice of his intent to close access to residential stands. The Contractor shall acquire written confirmation from all owners that they are aware of any intended closures of access. No traffic access to a residential stand shall be closed for longer than 48 hours.

C3.5.18.2 Reinstatement of Fences

The Contractor shall give all landowners and residents a minimum of 48 hours' notice (using the format indicated in Part C4.3) of his intent to dismantle fences to properties, where indicated on the Drawings or so ordered by the Engineer. The Contractor shall note all aspects relevant to the condition of existing fencing prior to dismantling and shall acquire the signature of the owner/occupant agreeing to such conditions.

After reinstatement, both the Contractor and the owner/occupant shall sign the form confirming that the condition of the fence is at least equivalent to its condition before dismantling.

C3.5.18.3 Care of the Site

At all times during construction of the Works and upon completion thereof, the Site of the Works equipment for which he is responsible in an orderly manner and shall keep the Site free from debris and obstructions.

C3.5.18.4 Control of Water

The Contractor shall at all times and in all respects be responsible for the handling of stormwater from higher-laying areas above the Works, and for the handling of any sub-surface water that may affect the Works. No separate payment shall be made in this regard, as all costs related thereto shall be deemed to be included in the rates tendered for the various items of work that are included in the Bill of Quantities. Refer also to COTO (General) A1.2.3.21, in this regard.

C3.5.18.5 Survey and Setting Out

The Engineer will establish survey beacons on site from which the Contractor can set out the Works. The position and co-ordinates of the permanent survey beacons shall be shown on the drawings. The Contractor shall be responsible for the protection of all these survey beacons and reference points from handing over of the beacons to the Contractor to completion of the Works. Property beacons and trigonometrical survey beacons that are disturbed or destroyed during the course of the contract shall be replaced at the Contractor's cost by a registered land surveyor who shall verify such replacement. The Contractor's attention is drawn to the requirements of Refer also to COTO (General), A1.2.7.2, in this respect.

The Contractor shall be responsible for the true and proper setting out of the Works and for the correctness of the position, levels, dimensions, and alignment of all parts of the Works from the beacons established above and for the provision of all necessary instruments, appliances, and labour in connection therewith. Such setting out shall be executed by a registered surveyor. No separate payment shall be made in respect of setting out, such work being deemed as included in the rates tendered for construction of the Works.

The checking of any setting-out or of any line or level by the Engineer shall not relieve the Contractor of his responsibility for the correctness thereof.

If at any time during the progress of the Works, any error shall appear or arise in the position, levels, dimensions or alignment of any part of the Works, the Contractor, on being required to do so by the Engineer, shall at his own expense rectify such error to the satisfaction of the Engineer, but if such error is based on incorrect data supplied in writing by the Engineer shall, in respect of cost of such rectification, be entitled to make a claim in accordance with Clause 48 of the Contract Data.

C3.5.19 Notices, Signs, Barricades and Advertisements

Notices, signs, and barricades (required in terms of Clause 34 of the Conditions of Contract) as well as advertisements may only be erected where 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 shall have the right to have any sign, notice or advertisement moved to another location, 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.

C3.5.20 Unauthorized persons

The Contractor shall keep unauthorized persons from the works at all times. Under no circumstances may any person except guards be allowed to sleep on the building site.