

– SCOPE OF WORKS –

CONSULTING ENGINEERING SERVICES FOR ROUTINE ROAD MAINTENANCE (RRM) CLARIFICATION BRIEFING MEETING

RRM BATCH NO.3

NORTHERN CAPE PROVINCE

MONDAY, 14 SEPTEMBER 2026 @ 10:00

SANRAL



BUILDING SOUTH AFRICA
THROUGH BETTER ROADS

TENDER CLARIFICATION FOR PROJECTS

BATCH NO.3

NORTHERN CAPE

	Contract Number	Description
1	N.012-057-2026/1F	CONSULTING ENGINEERING SERVICES FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE 12 SECTIONS 5 TO 7 BETWEEN THREE SISTERS (KM 0.00) AND PRETORIUS BAKEN (KM 55.49)
2	N.014-013-2026/1F	CONSULTING ENGINEERING SERVICES FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE 14 SECTIONS 1 TO 2 FROM HOLTE/HUNITES (km 81.22) TO KAKAMAS (km 129.43), NATIONAL ROUTE R358 SECTION 3 FROM POFADDER (km 0.00) TO ONSEEPKANS BORDERPOST (km 49.36) AND NATIONAL ROUTE R359 SECTION 1 FROM AUGRABIES FALLS (km 0.00) TO ALHEIT (km 26.27)
4	X.005-136-2026/1F	CONSULTING ENGINEERING SERVICES FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE N1 SECTIONS 11 TO 13 FROM FLAAUWE KOP (KM 36.78) TO STOCKENSTROM (KM 0.17), NATIONAL ROUTE N9 SECTION 7 FROM TWEEFONTEIN (KM 26.66) TO COLESBERG (KM 94.33), NATIONAL ROUTE 10 SECTION 5 FROM KOPPIESKRAAL (KM 6.34) TO ELANDSHEUWEL (KM 31.32), NATIONAL ROUTE R58 SECTION 1 FROM COLESBERG (KM 0.00) TO NORVALSPONT (KM 36.95), NATIONAL ROUTE R701 SECTION 1 NORVALSPONT (KM 0.00) TO NC/FS BORDER (KM 1.84)
5	X.005-137-2026/1F	CONSULTING ENGINEERING SERVICES FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE N1 SECTION 9 TO 11 FROM SCHIETKUIL (km 45.09) TO FLAAUWE KOP (km 36.78)

Part T2: Technical Submission Spreadsheet Guidance

TENDER CLARIFICATION FOR PROJECTS

NORTHERN CAPE

A	B	C	D	E	F	G	H	I	J	K	L	
1	TENDERER NAME:									PLEASE READ THE NOTES TO TENDERER BY CLICKING HERE		
2												
3	PLEASE NOTE THAT THIS SPREADSHEET IS SET UP TO OPERATE IN MS EXCEL 2016 VERSION											
4	DUPLICATE TECHNICAL SUBMISSION FORMS FOR NORTHERN CAPE BATCH									COMBINED TENDER		
5	SUPPLIED IN TENDER DOCUMENTATION.									INTERIM PPP APPLIED		
6												
7												
8												
9	CLICK ON LINKS BELOW TO ENTER KEY PERSONNEL DETAILS ON B1 & B2 FORMS									CLICK ON LINKS BELOW TO ENTER DETAILS ON B3		
10												
11	CE1	Print B1 & B2							GOTO FORM B3			
12		Print B1 & B2							SETUP PRINT FOR FORM B3			
13			Tenderer Proposes: Alternate Contracts Engineer						GOTO FORM B4			
14			NO						SETUP PRINT FOR FORM B4			
15	PLEASE INDICATE BELOW IF YOUR SUBMISSION IS FOR ALL TENDERS:											
16	TENDER 1	N.010-058-2026/1F	YES								GOTO FORM B5	
17	TENDER 2	N.008-068-2026/1F	YES								SETUP PRINT FOR FORM B5	
18	TENDER 3	R.382-012-2023/1RF	YES								GOTO FORM B6	
19	TENDER 4	X.005-133-2026/1F	YES								SETUP PRINT FOR FORM B6	
20	TENDER 5	X.005-138-2026/1F	YES								GOTO FORM B7	
21												
22												
23												
24												
25												
26												
27	Scorecards attached must be based on the Conditions of Tender: Tender Data Clause 5.11.8											
28												
29												
30												
31												
32												
33	Verification Certificate Attached?		Verification Certificate		Tenderer's Company Specified Status =		ENTER BEE LEVEL CONTRIBUTOR SCORE FROM CERTIFICATE AND ATTACH CERTIFICATE TO YOUR FINANCIAL SUBMISSION		BEE LEVEL CONTRIBUTOR SCORE =		Economic interest of black people in the Enterprise (%)	

COMPLETE ONCE AND SUBMIT COPY WITH YOUR BATCH TENDER SUBMISSION

TEND 1X FORM C2.4 TECH -TENDER 1 FORM C2.4 TECH -TENDER 2 FORM C2.4 TECH -TENDER 3 FORM C2.4 TECH -TENDER 4 FORM C2.4 TECH -TENDER 5

TENDER CLARIFICATION FOR PROJECTS

NORTHERN CAPE

A	B	C	D	E	F	G	H	I	J	K	L
TENDERER NAME:										PLEASE READ THE NOTES TO TENDERER BY CLICKING HERE	
PLEASE NOTE THAT THIS SPREADSHEET IS SET UP TO OPERATE IN MS EXCEL 2016 VERSION										COMBINED TENDER	
										INTERIM PPP APPLIED	
CLICK ON LINKS BELOW TO ENTER KEY PERSONNEL DETAILS ON B1 & B2 FORMS										CLICK ON LINKS BELOW TO ENTER DETAILS ON B3	
CE1 Print B1 & B2 Print B1 & B2										GOTO FORM B3	
Tenderer Proposes: Alternate Contracts Engineer NO										SETUP PRINT FOR FORM B3	
PLEASE INDICATE BELOW IF YOUR SUBMISSION IS FOR ALL TENDERS:										GOTO FORM B4	
TENDER 1 N.001-079-2026/1F YES										SETUP PRINT FOR FORM B4	
TENDER 2 N.007-014-2026/1F YES										GOTO FORM B5	
SELECT WITH YES OR NO WHICH PROJECTS ARE SELECTED FOR SUBMISSION										SETUP PRINT FOR FORM B5	
USE ALT. CE FOR ALTERNATIVE CE IF INLINE FOR MORE THAN 6 AWARDS										GOTO FORM B6	
Scorecards attached must be based on the Conditions of Tender: Tender Data Clause 5.11.8										GOTO FORM B7	
Verification Certificate Attached? Verification Certificate										BEE LEVEL CONTRIBUTOR SCORE =	
Tenderer's Company Specified Status =										Economic interest of black people in the Enterprise (%)	
ENTER BEE LEVEL CONTRIBUTOR SCORE FROM CERTIFICATE AND ATTACH CERTIFICATE TO YOUR FINANCIAL SUBMISSION											

TENDER CLARIFICATION FOR PROJECTS

	A	B	C	D	E	F	G	H	I	J	K	L
1	SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD				HOME							
2	TENDER 1	CE & OTHER TOTAL NORMALISED HOURS										
3	Project Number : N.010-058-2026/1F											
4												
5	INDICATED WILL FORM PART OF THIS TENDER SUBMISSION											
6												
7	EXTRACT OF FORM C2.4: KEY PERSONS FOR THIS PROJECT AND SUMMARY OF NORMALIZED HOURS TENDERED											
8												
9	SERVICE PROVIDER											
10	TOTAL HOURS TENDERED FOR THE SERVICE PROVIDER (ALL CATEGORIES)											
11	TOTAL ALL NORMALISED HOURS											
12												
13												
14	NOTE TO TENDERER: PLEASE COMPLETE THE ABOVE - EXTRACTED FROM THE COMPLETED C2.4. THE FULL C2.4 FORM IS TO BE COMPLETED, PRINTED AS A PDF AND INCLUDED IN THE TENDERER'S TECHNICAL PROPOSAL . FAILURE TO FULLY COMPLETE AND INCLUDE THIS FORM IN THE TECHNICAL PROPOSAL SHALL RESULT IN THE TENDERER SCORING ZERO POINTS FOR WORKPLAN APPROPRIATENESS. IF THE ELECTRONIC VERSION ATTACHED TO THE PRICING SCHEDULE SUBMITTED WITH THE FINANCIAL PROPOSAL DOES NOT MATCH THE PDF COPY SUBMITTED WITH THE TECHNICAL PROPOSAL OR THE VALUES ENTERED IN THIS SHEET ABOVE, THE TENDERER OFFER WILL BE REJECTED.											
15												
16												

COMPLETE THE NORMALIZED HOURS AS PER THE C2.4 FORM FOR EACH PROJECT TENDERED ON

TEND 1X FORM C2.4 TECH -TENDER 1 FORM C2.4 TECH -TENDER 2 FORM C2.4 TECH -TENDER 3 FORM C2.4 TECH -TENDER 4 FORM C2.4 TECH -TENDER 5

TENDER CLARIFICATION FOR PROJECTS

	A	B	C	D	E	F	G	H	I
1	FORM B6			<u>COMPANY PAST PERFORMANCE - RECORD</u>					HOME
2									
3			0					COMBINED TENDER	
4									
5									
6		CIDB Rating	$X < -0.1$	$-0.1 \leq X < 0.9$	$-0.9 \leq X < 1.8$	$X \geq 1.8$			
7		Poor	Adequate	Good	Excellent				
8		SANRAL Score	1	3	4	5			
9									
10									
11			Project Experience			Date Completed (YYYY/MM/DD)	CIDB SCORE	Score Allocated	Method for Score
12	1								
13	2								
14	3								
15							0		
16									
17									
18									
19									
20									
21									

B6 – PAST PERFORMANCE CAN BE CIDB PERFORMANCE REPORT, LETTER OF REFERENCE WITH RATING OR AFFIDAVIT IF NO PREVIOUS EXPERIENCE

TENDER CLARIFICATION FOR PROJECTS

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	ANNEX 4 - INTERIM PSP PERFORMANCE REPORT - CIVIL ENGINEER																
2																	
4	SECTION A: EMPLOYER INFORMATION																
6	cidb Employer Number (if applicable)																
8	Employer Name																
10																	
12	SECTION B: CONTRACT DATA																
14	cidb Contract Number (if applicable)																
16	Contract Title																
18																	
20																	
22	Please indicate the project stage for which assessment is made	Inception	☐														
24		Concept and viability	☐														
26		Design development	☐														
28		Documentation & procurement	☐														
30		Construction	☐														
32		Close out	☐														
34	Anticipated Completion Date		-		-												
36	SECTION C: REPORTING OFFICER'S INFORMATION																
38	Organisation Name	SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD															

ANNEXURE 4 – INTERIM CIDB HAS BEEN ADDED ONLY SPECIFICALLY FOR RRM PROJECTS THAT ORIGINAL CONTRACT PERIOD WOULD HAVE ENDED BEFORE THIS TENDER CLOSING DATE BUT WAS EXTENDED BEYOND THE CLOSING DATE – IN THIS CASE THE ANNEX 4 MAY BE COMPLETED AND SUBMITTED

TENDER CLARIFICATION FOR PROJECTS

REMEMBER: SEPARATE FINANCIAL SUBMISSIONS PER PROJECT TENDERED ON TO BE INCLUDED IN YOUR TENDER SUBMISSIONS

	A	B	C	D	E	F	G	H	
1			TENDERER COMPANY NAME:						
2									
3		Contract No:	CONTRACT SANRAL N.001-079-2026/1F						
4						Tender Closing Date:	14/08/2026		
5									
6		Description:	CONSULTING ENGINEERING SERVICES FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE 1 SECTIONS 7 TO 9 BETWEEN REMHOOGTE (km 8.27) AND SCHIETKUIL (km 45.09)						
7			<u>TENDERER INPUT DATA</u>						
8			NOTE: ONLY INITIAL KEY PERSONS HOURS WILL BE CAPTURED AS HOURS FOR ALTERNATE KEY PERSONS WILL INHERIT THE HOURS SHOULD THEY NEED TO REPLACE THE ORIGINAL KEY PERSON DUE TO OVER-COMMITMENT.						
9									
10			SANRAL OFFICE TO COMPLETE ALL CELLS HIGHLIGHTED IN BLUE BEFORE TENDER IS LET						
11			SERVICE PROVIDER TO COMPLETE ALL CELLS HIGHLIGHTED IN YELLOW						
12		Description							
13									
14		SUMMARY OF KEY PERSONS							
15		ALL CATEGORIES	INSERT KEY PERSONS NAMES BELOW	Designation					
16		CE		Contracts Engineer					
17		OTHER	NO NAMES REQUIRED	Personnel associated with fulfilling the duties of the Engineer					
18									
19			GRAVEL ROAD ITEMS INCLUDED DO NOT DELETE ITEMS - SIMPLY ZERO IF NOT NEEDED						
20									
31			HOUR CATEGORY		RATE				
32			A		R 3,534.00				
33			B		R 2,796.00				

< >
TENDERER INPUT DATA
RRM Pricing Schedule
CE & Other Hours
FORM C2.4 FIN
+

Part C1: Contract Data



PART C1.2 CONTRACT DATA

C1.2.1 CONDITIONS OF CONTRACT

1. DEFINITIONS

- Contract Footprint
- Emergency Event
- Engineer, Permanent Staff Member
- Transferred Road

11. SUBCONTRACTING

11.8. It is a condition of this contract that the Service Provider sub-contracts a minimum of 30% to Targeted Enterprises. The introduction of a Contractor Participation Goal (CPG) requirement of a minimum 30% during the contract period shall be implemented not later than nine (9) months after the Contract Commencement Date. Such requirement shall be subject to the amendment and approval of SANRAL's Preferential Procurement Policy, completion of the requisite public consultation processes, and all applicable SANRAL internal governance approvals. The CPG requirement shall only become applicable following formal written notification by SANRAL to the Consultant confirming its implementation and the applicable requirements

Minimum sub-contract requirement for all entities is 30%.

PART C1.2 CONTRACT DATA

C1.2.2 INFORMATION PROVIDED BY THE EMPLOYER

5.4 Insurance

- PI – R20m
- General Public Liability – R10m
- 3rd Party – R20m

7.2 Key Person

- Contract Engineer (Who is permanently employed staff member of the SP)

8.1 Effective date

- The time to commence the performance of the Services is within 8 (eight) calendar days after the date that the Contract becomes effective, **however the commencement of the supervision phase will be confirmed at the Hand-Over meeting.**

C1.2.3 INFORMATION PROVIDED BY THE TENDERER

B: KEY PERSONS – CONTRACT ENGINEER

- Attach letter confirming permanent employment, together with the requirements of the B-Forms. **For clarity, this shall mean copies of salary slips and proof of payment, Pay-As-You-Earn (PAYE); Unemployment Insurance Fund (UIF) and Skills Development Levy payments made by the tenderer on behalf of its employee (Key Person) for the last (3) three months prior to tender closing.**

PART C1.2 CONTRACT DATA

C1.2.3 INFORMATION PROVIDED BY THE TENDERER

C: SUB-CONTRACTING TO TARGETED ENTERPRISES (Refer to Form B7)

- The amount of work expressed as a percentage of the Contract Price (excluding provisional and prime cost sums and the respective tendered mark-up (if any) but including provision made for site supervision staff (payment items 35,03(a) and (b)) that will be undertaken by a Targeted Enterprise(s) selected by the Service Provider shall be%*.

Part C2.2: Pricing Schedules

PART C2.2: PRICING SCHEDULE

NORMALISED DUTIES (NHT)

- Applicable Payment Items (highlighted purple)
- 35.01(a)(i) Cost to fulfil duties of Engineer
- 38.01(a)(i) Close Out (a) Roadworks

ADDITIONAL DUTIES

- Personnel Category – hourly rate – fixed

NEW ITEMS

- Emergency – Prov Sum

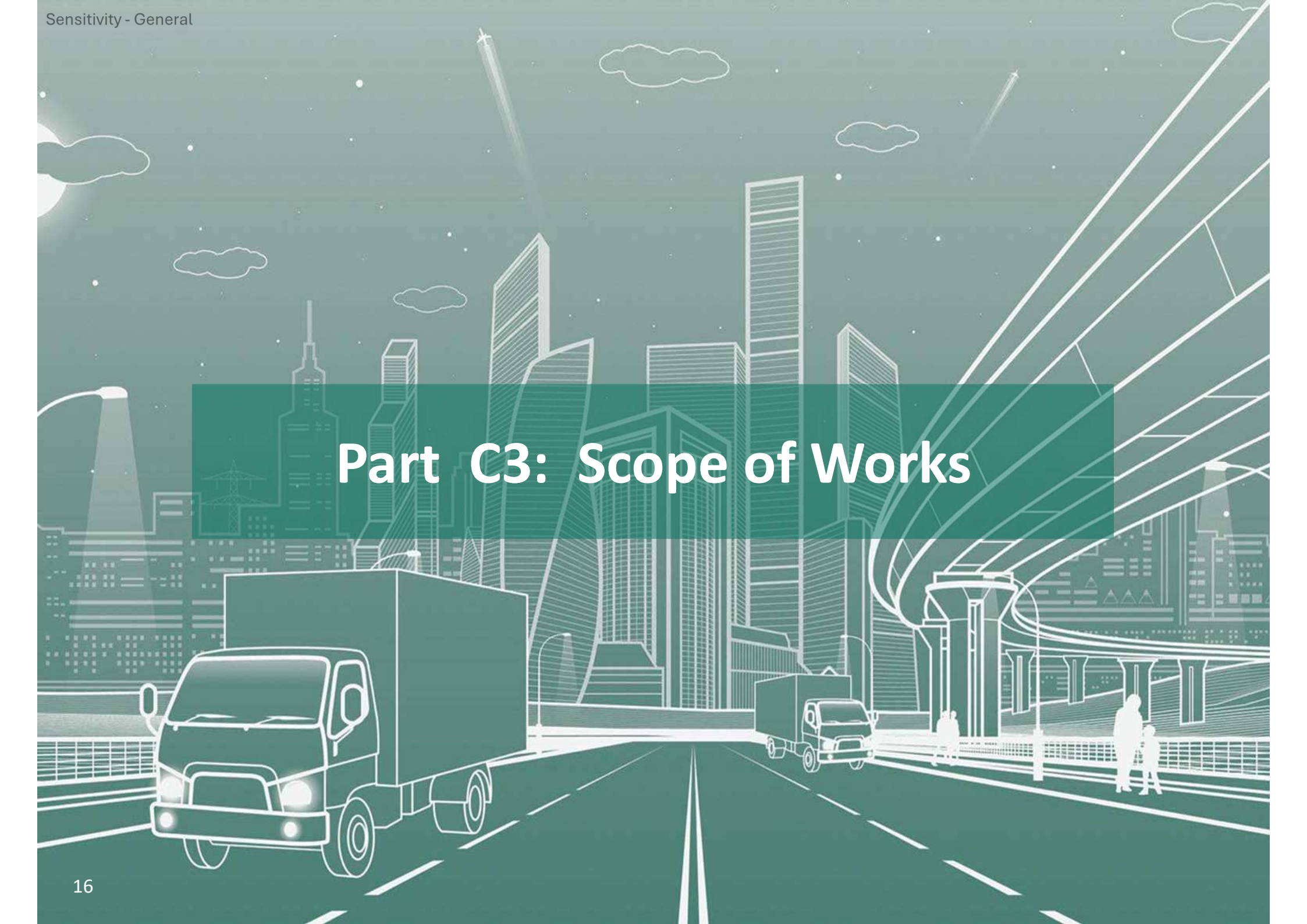
TENDER DOCUMENTATION

- Future project – RRM Contractor tender will be prepared by current consultant.

MONTHLY PAYMENT ITEMS

- Allows for reduced construction periods (not typo) – C3 Scope of Works

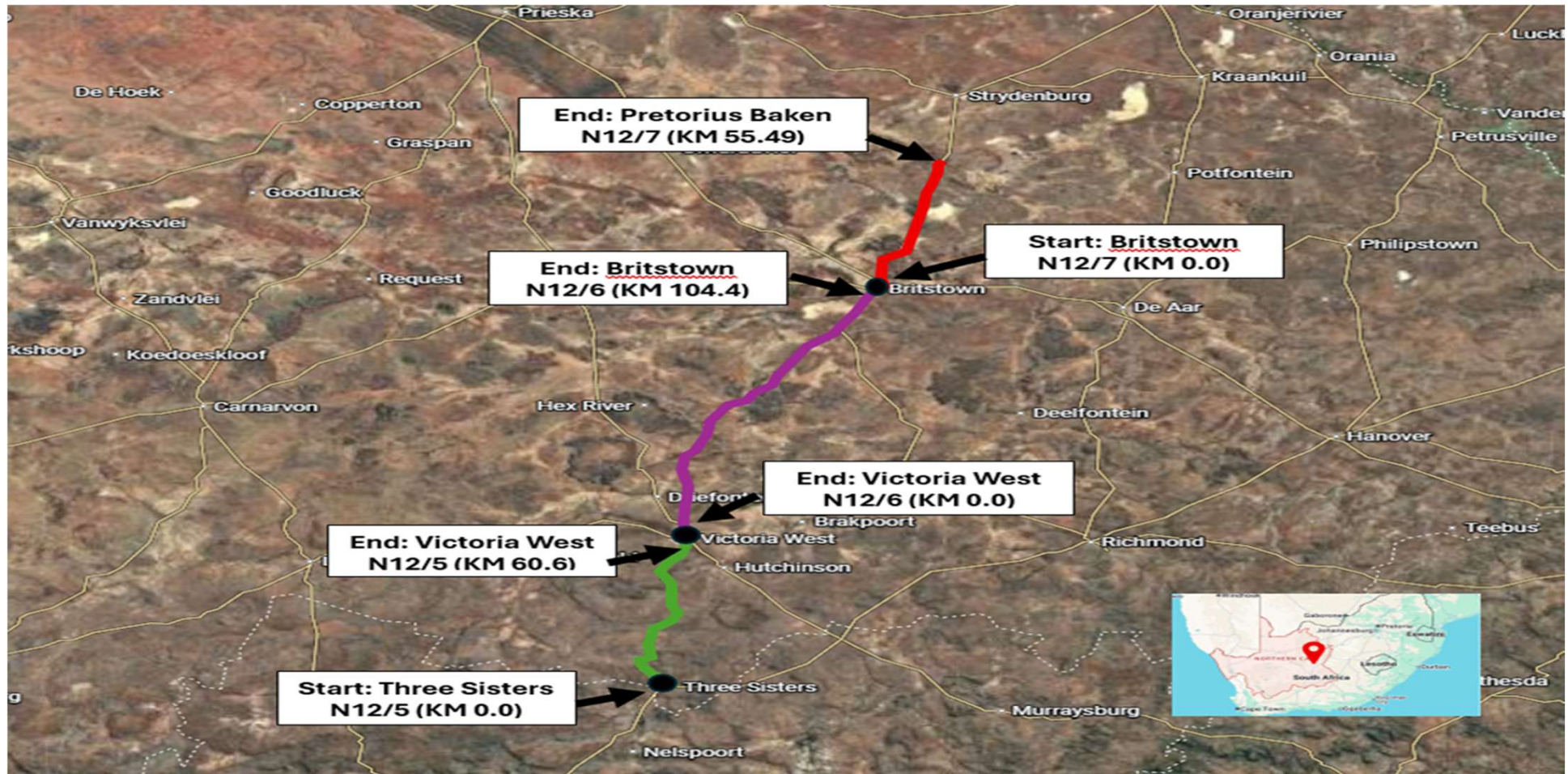
Part C3: Scope of Works



PART C3: SCOPE OF WORKS

C3.1.2 Location of the Project

N.012-057-2026/1F – Locality Plan

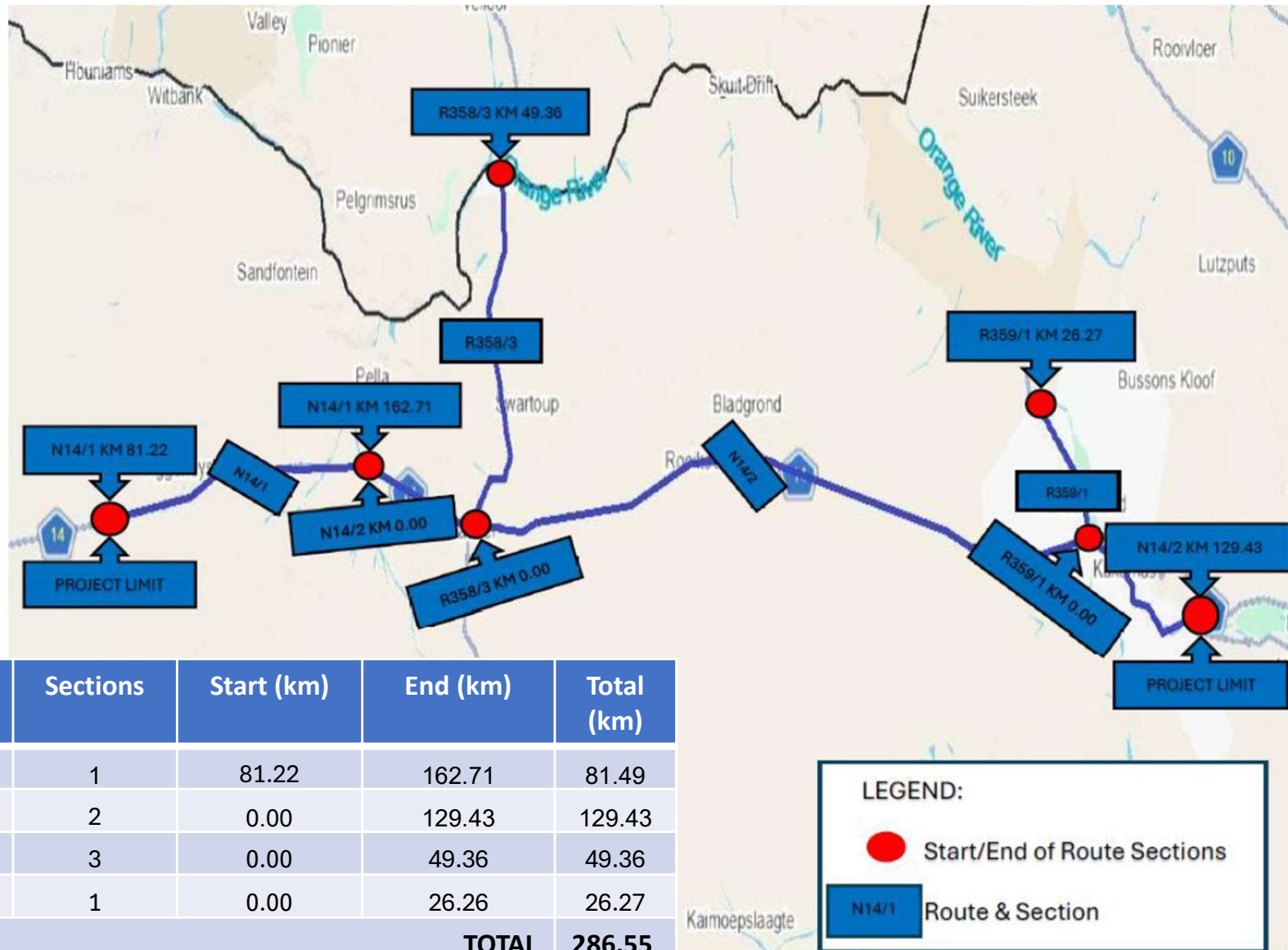


Route	Sections	Start (km)	End (km)	Total (km)
N12	5	0	60.267	60.267
N12	6	0.78	104.103	103.323
N12	7	0	55.49	55.49
			Total	219.08

PART C3: SCOPE OF WORKS

C3.1.2 Location of the Project

N.014-013-2026/1F – Locality Plan



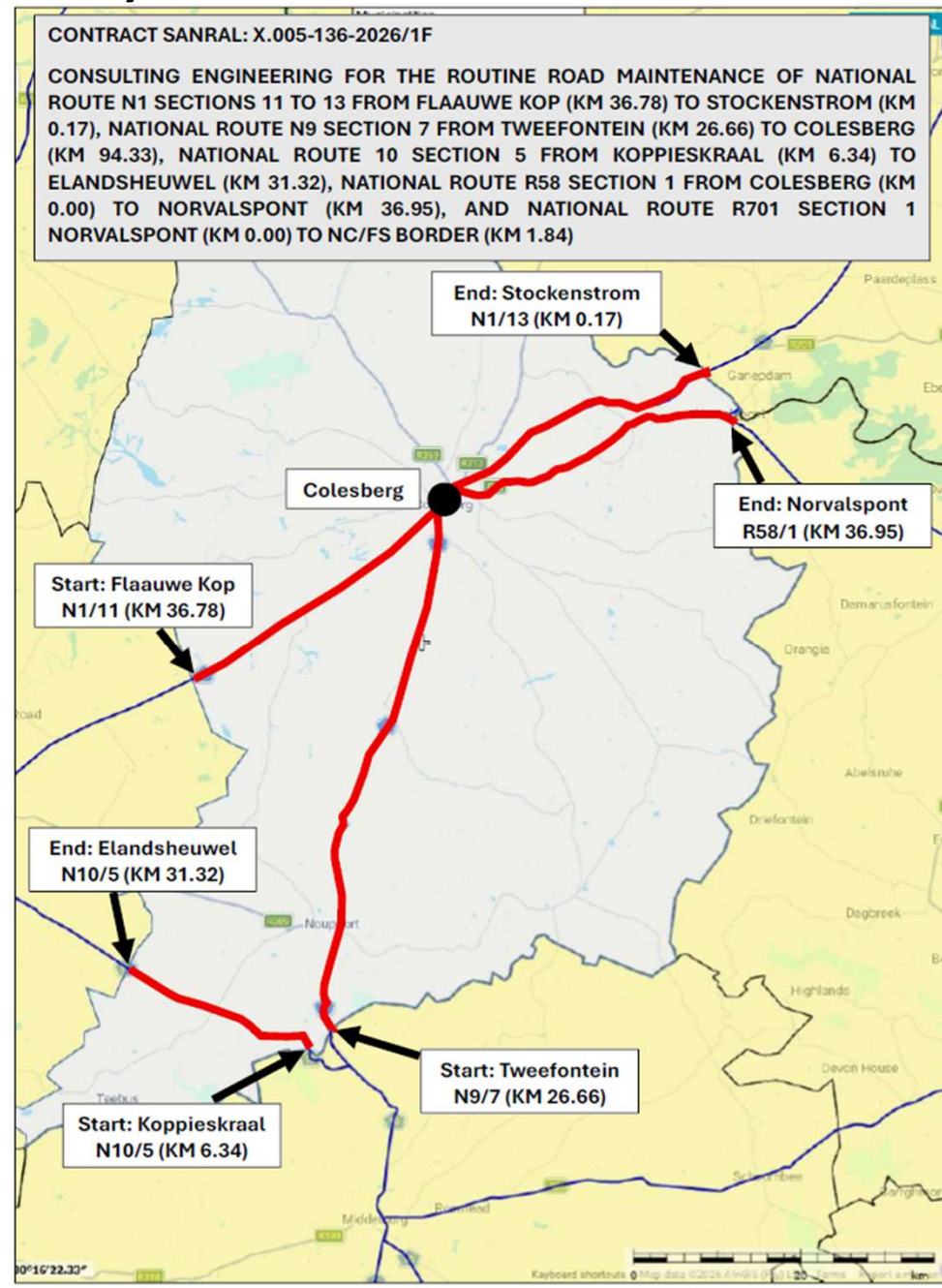
PART C3: SCOPE OF WORKS

C3.1.2 Location of the Project

X.005-136-2026/1RF – Locality Plan



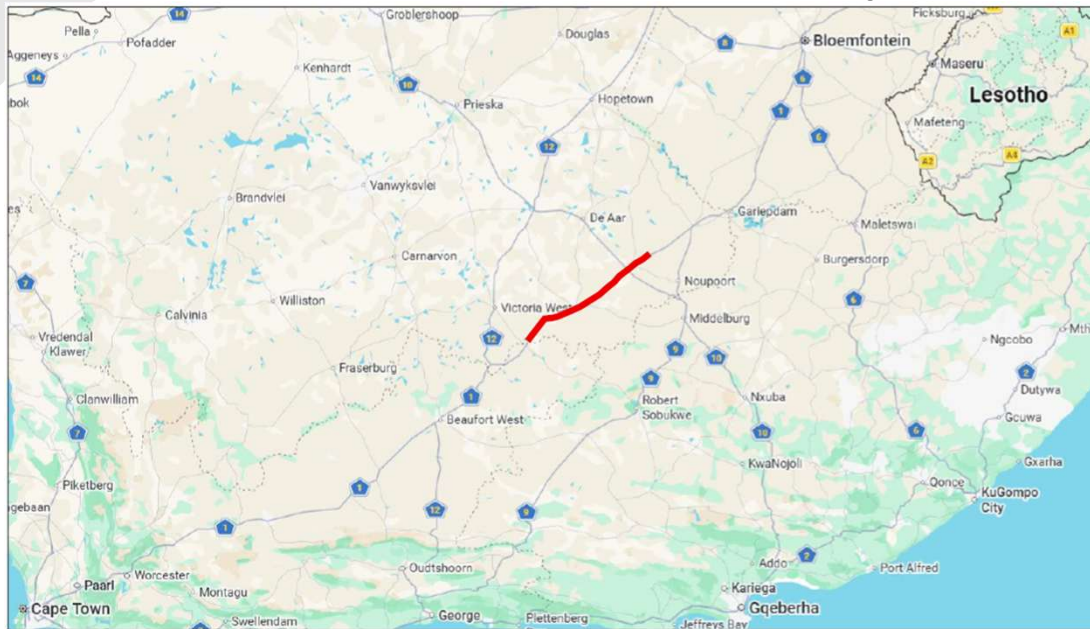
Route	Sections	Start (km)	End (km)	Total (km)
N1	11	36.78	72.62	35.84
N1	12	0.00	37.44	37.43
N1	13	0.00	0.17	0.17
N9	7	26.66	94.33	67.67
N10	5	6.34	31.32	24.98
R58	1	0.00	36.95	36.95
R701	1	0.00	1.84	1.84
			TOTAL	202.88



PART C3: SCOPE OF WORKS

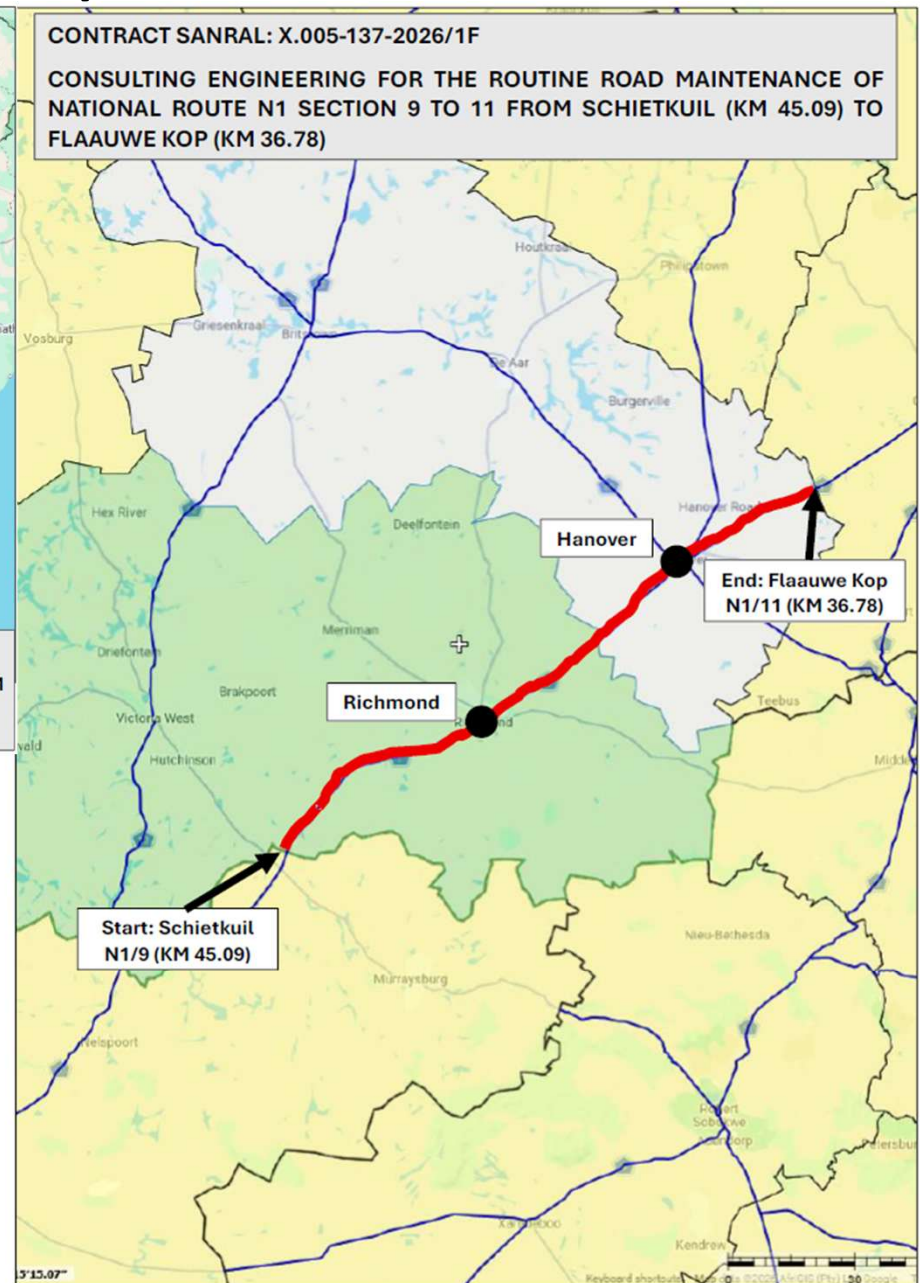
C3.1.2 Location of the Project

X.005-137-2026/1RF – Locality Plan



CONTRACT SANRAL: X.005-137-2026/1F

CONSULTING ENGINEERING FOR THE ROUTINE ROAD MAINTENANCE OF NATIONAL ROUTE N1 SECTION 9 TO 11 FROM SCHIETKUIL (KM 45.09) TO FLAAUWE KOP (KM 36.78)



Route	Sections	Start (km)	End (km)	Total (km)
N1	9	0.00	8.18	8.18
N1	10	61.64	126.92	65.28
N1	11	0.00	72.94	72.94
	TOTAL			261.43

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.3 Description of the project: Routine Road Maintenance Contract

The Service Provider shall be required to provide consulting engineering services relating to the **letting, management and supervision** of the Routine Road Maintenance on the respective projects. The construction monitoring service shall be for the duration of the Works contract which has a **contract period of up to 4.5 (four and a half) years**.

The Services required of the Service Provider are the following:

- Administration and monitoring of the Works

PART C3: SCOPE OF WORKS

C3.1.3.1 – Future Provincial Road Transfers and Changes to the Contract Footprint

The Contract Footprint comprises the roads and assets described in this Scope of Work and may, during the Contract, be expanded to include provincial or other public roads within or connected to the geographical footprint that are declared national roads or formally transferred to SANRAL in terms of applicable law.

The R358 from Pofadder Section 3 km 0.0 to Onseepkans Borderpost km 49.36 and the R359 from Augrabies Falls Section 1 km 0.00 to Alheit km 26.27 have already been identified as **potential future additions to the Contract Footprint for CONTRACT SANRAL N.014-013-2026/1F.**

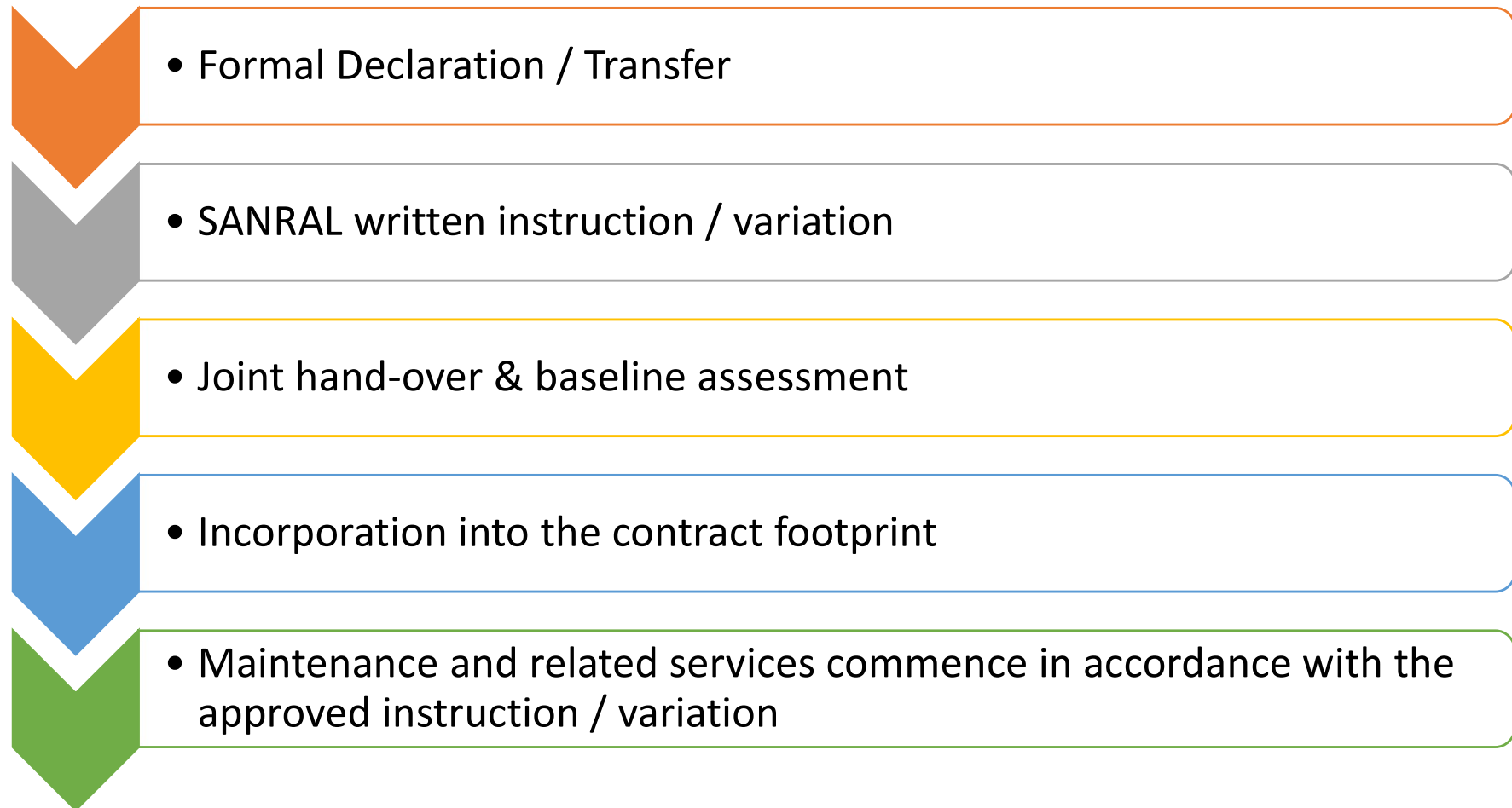
Current status

- These routes are **not currently included in the Contract Footprint.**
- The routes have **not yet been declared National Roads or formally transferred to SANRAL.**
- They are therefore shown separately from the roads forming part of the initial Contract Footprint. Please refer to Part C4: Site Information, C4.1 Location of the Project.

PART C3: SCOPE OF WORKS

C3.1.3.1 – Future Provincial Road Transfers and Changes to the Contract Footprint

Envisaged Process



PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.4 Determination of Remuneration

Table C3.1.4(b): Percentage points for phases/stages: *Routine Road Maintenance*

Type of Service	Detailed Assessment (DA)	Administration & Monitoring of works contract (AMW)	Close out (CO)	Total
DA, AMW & CO	15%	83%	2%	100%

The fees based on Nominated Hours Tendered will be split as per Table C3.1.4(b) above

C3.1.5 Project Cost Estimate

For the purposes of these tenders, the current estimates and duration of the Works are:

- N.012-057-2026/1F – R 100 million (incl. VAT) 54 month construction period
- N.014-013-2026/1F – R 180 million (incl. VAT) 54 month construction period
- X.005-136-2026/1F – R 120 million (incl. VAT) 54 month construction period
- X.005-137-2026/1F – R 120 million (incl. VAT) 54 month construction period

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.6 Stakeholder and Community Liaison and Social Facilitation

(f) Project Liaison Committee (PLC) and Project Management Team (PMT):

A Project Liaison Committee (PLC) has either **been established prior to commencement of the contract** or shall be established as soon as possible by the **Service Provider**. The PLC represents the project's Stakeholders. The PLC consist of representatives of project Stakeholders and affected communities.

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.8 Project Programme – BATCH No.3

	Project Phase	Phase Completion Date
A	Submission of Tenders / Proposals	5 October 2026
B	Appointment of Service Provider	November 2026
C	Submission of Road Condition Report	04 February 2027
D	Submission of Draft Tender Documents for the Works	TBC (Future)
E	Submission of Final Tender Documents for the Works	TBC
F	Tender Advertisement	TBC
G	Site Inspection	TBC
H	Tender Closure	TBC
I	Submission of Tender Evaluation Report	TBC
J	Works Contract Handover	November 2026
M	Submission of draft Contract Report and as-built data	Within 3 months of issue of Taking-over Certificate for the Works
N	Submission of final Contract Reports and as-built data	Within 1 month of issue of Performance Certificate for the Works

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.9 Penalties and Delays

Penalties shall be applied for poor performance as specified in the Contract Data.

Draft reports and documents shall be submitted to the Employer at least seven working days prior to any meetings scheduled for the discussion and finalisation thereof.

Penalty charges payable shall be as follows:

- a) Failure to meet milestone dates in the Project programme = R2 000.00/day (excl. VAT) subject to a maximum of 10% of the Contract Value.
- b) Failure to capture structures inventory and condition updates onto ITIS before issue of Taking-Over-Certificate (TOC) = R5000.00/structure (bridges and major culverts) per week or part thereof subject to a maximum of R50 000.00 (excl. VAT) per structure.
- c) Failure to disclose Sub-contractors value of contract = up to 10% of the Contract value.
- d) Late capture of monthly ITIS PIM date = R2,000.00/day (excl. VAT) applicable from the first day of the new month following the previous month end, subject to a maximum of 10% of the Contract Value.
- e) Unresolved errors in monthly ITIS PIM data captured without evidence of logging issues = R2,000.00/day (excl. VAT) applicable from the first day of the new month following the previous month end, subject to a maximum of 10% of the Contract Value.
- f) Late processing and submission of Contractor's Payment Certificate = R2,000.00/day (excl. VAT) applicable from the first day of the new month following the previous month end, subject to a maximum of 10% of the Contract Value.
- g) Any audit finding raised against a contract by Internal Audit, AGSA, DOL/DFE related to duties of the Service Provider = R20,000.00/finding (excl. VAT), subject to a maximum of 10% of the Contract Value.
- h) Late issuing of Job Instructions for contractor using ITIS Desktop/Mobile App for:
 - (i) Pothole reports on Vala Zonke App by public for which a Job Instruction has not been issued to Contractor = R2000/day (excl. VAT);
 - (ii) Drains/culverts/bridges that are silted up or where flood debris is blocking waterways within road reserve as identified from Inspections = R 2 000.00 per instance (excl. VAT);
 - (iii) Grass cutting causing unsafe conditions = R2,000.00/day (excl. VAT) for each calendar day that Job Instruction is issued late, subject to a maximum of 10% of the Contract Value
 - (iv) Missing/damaged regulatory and warning signs causing unsafe conditions = R 2000.00 per instance (excl. VAT).
- i) CE not performing physical monthly route verification inspection of quality of work done using the ITIS/Mobile App on a monthly basis = the monthly sum to fulfill the duties of the Engineer as per Payment Item 35.01(a)(i).
- j) Late submission of any other deliverable as required by the contract but not specifically stated = R2,000.00/day (excl. VAT) applicable from the first day after the deliverable became due, subject to a maximum of 10% of the Contract Value.

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.10 Personnel Requirements

The Key Person required for this project is listed in Form C1.2.2 Contract Data: Information provided by the Employer. The tenderer must list proposed candidates for the prescribed position in the core team in Form C1.2.3 Contract Data: Information provided by the Tenderer. **Each candidate must submit a CV of appropriate experience signed by the proposed candidate and the authorised person of the Service Provider and complete the relevant B1 and B2 forms included in the Returnable Schedules. The proposed candidate shall be a permanent staff member of the tenderer and not a contracted person, this must be indicated on form B2 and a signed letter of confirmation from the candidate must be submitted with the relevant B-forms.** The threshold of the Technical Proposal indicates the importance of the quality and standard of engineering and administration expected of the Service Provider. **Any changes to the Key Person, as proposed in this tender, after award will thus only be permitted in exceptional circumstances.** In such circumstances the competence and experience of any replacement personnel shall also meet the threshold of the Technical Proposal. Re-evaluation by the Employer of any replacement personnel shall be paid for by the Service Provider as specified in Clause C3.6.3.

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS (contd)

C3.1.10 Personnel Requirements

Position	Contracts up to 7CE or 7500 average daily traffic		
	Minimum Technical Qualification or Registration	Minimum Relevant Experience (years) ¹	Other Requirements
Contract Engineer	Pr Eng or Pr Tech Eng ²	10	Permanent staff member of the tendering entity
Assistant Contract Engineer	Candidate Engineering Technologist ²	8	Permanent staff member of Targeted Enterprise (If Applicable)
Route Manager	Pr Techni Eng ² or Pr CM ³	7	
	National Diploma or NQF 6 in Civil Engineering and Candidate Engineering Technician ²	12	
Assistant Route Manager ¹⁴	Candidate Engineering Technician ²	5	
Assistant Route Manager ²⁴	Candidate Engineering Technician ²	Not Applicable	Employment of the Targeted Enterprise (If Applicable)
OHS Specialist	Design Phase: SACPCMP ³ registration as a Professional Construction HSE Agent Construction Phase: SACPCMP ³ registration as a Construction HSE Agent or Manager	As required by SACPCMP ³	

Limitations on commitment of Key Person

The Key Person (Contract Engineer) and Assistant Contract Engineer (if applicable) will be limited to participate in a maximum number of 6 (six) RRM contracts with the Employer which will be complete after the Taking-Over Certificate is issued to the Contractor – ITIS Reservation

NOTE: Consider proposing an Alternate CE

PART C3: SCOPE OF WORKS

C3.1 GENERAL REQUIREMENTS

C3.1.16 Employer's Integrated Transportation Information System (ITIS)

Comprehensive information management tool on the following platforms:

- **ITIS Web** - online access to various functions, workflows and reports.
- **ITIS Desktop** - capture of **information** offline, validation and then synchronisation of data with the ITIS database.
- **ITIS Mobile** - Application **(Android 6 or later)** that allows the **in-field capture of information** using a smart phone or tablet **(must have camera and GPS)**, validation and then synchronisation of data with the ITIS database.

C3.1.16.1 Routine Road Maintenance ITIS Module

The Employer's ITIS module is **managed by the Engineer, which records the work done and prepares a payment certificate**. The timelines for the various stages of the Interim Payment Certificate from the initial preparation by the Engineer, to the submission by the Engineer to the Employer for payment, will be identified by the Employer, and may vary in certain months due to financial deadlines, or shutdown periods.

PART C3: SCOPE OF WORKS

C3.2 DETAILED ASSESSMENT PHASE: ROAD CONDITION REPORT

C3.2.3 Existing Data

- Part C4: Site Information.
- SARDS: Manual – Appendix H -

C3.2.4 Visual condition survey

The Service Provider shall carry out a **detailed visual assessment survey of the pavement's existing condition utilising experienced personnel** in order to ascertain the current overall pavement condition.

The Service Provider shall carry out a detailed visual survey of all **additional SANRAL properties** forming part of the site:

- Grass cutting and bush clearing.
- Fence repair needs.
- Information on illegal occupation, rubbish dumping and illegal advertisements.

Road Condition Report within 1 months from appointment date (04 February 2027)

Environmental Assessment – Only applicable to projects involving quarries/ material sources (NCP)

The Employer anticipates that the appropriate environmental authorisation process is a basic assessment.

PART C3: SCOPE OF WORKS

C3.2 DETAILED ASSESSMENT PHASE: ROAD CONDITION REPORT

Item	Unit
32.01 Detailed assessment phase	
(a) Road Condition Report	lump sum (LS)
(b) Travel and subsistence costs	lump sum (LS)
(c) Toll fees	prime cost sum (PC)

The unit of measurement for pay item **32.01(a)** shall be the lump sum. The sum tendered shall include full **compensation for personnel, materials, printing and all other costs** for the following:

- i) Analysis of available information pertaining to the project.
- ii) Detailed visual condition survey, including drawing up a list of structures as specified in Clause C3.2.5.
- iii) Compilation and submission of the Road Condition Report as specified.

The unit of measurement for pay item **32.01(b)** shall be the lump sum. The sum tendered shall include full **compensation for all travel and subsistence associated with the detailed assessment phase.**

The prime cost sum is to cover the cost of toll fees for staff performing their duties. Payment will only be made for E-tag transactions upon proof of an official statement via the Employer's Transaction Clearing House (TCH), which is the integrated fee collection and information management process for Electronic Toll Collection (ETC) accounts.

Payment for the lump sum tendered will be made on submission of the road condition report.

PART C3: SCOPE OF WORKS

C3.2 DETAILED ASSESSMENT PHASE: ROAD CONDITION REPORT

C3.2.5 Structures

The Service Provider shall draw up a list of all structures and **conduct safety inspections at least once in 12 (twelve) months** in terms of the Construction Regulations. Safety inspections for newly constructed structures must be conducted every 6 (six) months for the first 2 (two) years. The format of the safety inspection is provided in Part C4: **Appendix F**.

C3.3 TENDER DOCUMENTATION

- **Future Project**

C3.4 CLARIFICATION MEETING, TENDER PERIOD AND TENDER EVALUATION

- It is important to note that the evaluation of tenders and the compilation of a tender Evaluation Report will be on a **similar SANRAL project from another Service Provider, in the case where the Service Provider compiled the tender documents for the Works Contract**

PART C3: SCOPE OF WORKS

C3.5 ADMINISTRATION AND MONITORING OF THE WORKS CONTRACT

C3.5.3 Administration and Monitoring

(a) Fulfilling the functions of the Contract Engineer

The Contract Engineer (CE) shall be a permanent staff member of the tenderer.

The following minimum inspection frequencies shall be used in developing a supervision methodology:

Update management report	bi-annually
--------------------------	-------------

Update condition report	weekly
-------------------------	--------

Road traffic signs	annually
--------------------	----------

Road marking	annually
--------------	----------

Road lighting	weekly
---------------	--------

Guardrails	weekly
------------	--------

Structures	annually
------------	----------

Flexible road condition	annually
-------------------------	----------

Rigid road condition	annually
----------------------	----------

Drainage	monthly
----------	---------

Slope Instabilities and applicable recommendations	(refer to Appendix C in Part C4)
--	----------------------------------

Informal settlements	weekly
----------------------	--------

Illegal accesses and signage	weekly
------------------------------	--------

Fencing	monthly
---------	---------

Additional SANRAL properties	monthly
------------------------------	---------

Nights time inspections	quarterly
-------------------------	-----------

Electrical infrastructure	monthly
---------------------------	---------

RRM Road Safety Investigation	bi-annually
-------------------------------	-------------

Please familiarise yourself.

PART C3: SCOPE OF WORKS

C3.5 ADMINISTRATION AND MONITORING OF THE WORKS CONTRACT

C3.5.3 Administration and Monitoring

(d)_Monthly Technical and Site Meetings

The appointed Engineer for the project shall visit the site **at least 2 (two) times per month (excluding the contractor's annual shut-down period in December and January) on separate occasions**. One visit shall be scheduled for the Technical Meeting with a thorough site inspection with the Contractor and the Engineer's representative. A second visit shall be scheduled for the monthly Site Meeting with a thorough site inspection with the Contractor and Employer's representative. **The Contract Engineer shall be required to provide a one (1) page summary of each visit to site with photographic documentation of his / her observations and presence. Failure to provide the summary report will result in a penalty in accordance with clause C3.11.1**

PART C3: SCOPE OF WORKS

C3.5 ADMINISTRATION AND MONITORING OF THE WORKS CONTRACT

C3.5.4 Establishment of supervisory personnel on site

(a) Supervisory team

- i) Route Manager (RM).
- ii) Assistant Route Manager (ARM) x2.
- iii) Project Liaison Officer (PLO)
- iv) Trainee (student)

- The minimum requirements for qualification and experience of the supervisory team are specified in Clause C3.1.10.
- Provision has been made in the Pricing Schedule to cover the total annual cost of employment (TACE) of the supervisory staff which shall include the following:
 - i) Basic salary
 - ii) Other benefits not reflected in the basic salary, which may include:
 - normal annual bonus (maximum of one month's salary), excluding any performance bonuses or merit bonuses;
 - consulting firm's contribution to medical aid;
 - group life assurance, accident and disability insurance;
 - pension/provident fund contributions by the consulting firm;
 - allowances forming part of the remuneration package which are pensionable (car allowances, etc.);
 - computer and cell phone allowance if part of package; and
 - other justifiable costs and allowances approved by the Employer.
 - iii) costs payable due to all applicable statutory requirements such as:
 - Workmen's compensation fund contributions;
 - Unemployment insurance contributions; and
 - Other applicable statutory levies.

PART C3: SCOPE OF WORKS

C3.5 ADMINISTRATION AND MONITORING OF THE WORKS CONTRACT

C3.5.4 Establishment of supervisory personnel on site

(a) Supervisory team

A standardised site staff overhead factor of 1.2 will be applied to the TACE of the supervisory staff (excluding the trainee (student) and Project Liaison Officer) which is made up as follows:

Description	Site staff overheads
Salaries (Technical) TACE	1.00
Telephone and communication	Tendered item
Rental of premises, electricity, water	Provided by Client
Transport not recovered from project	Pay item
Paper, stationary, consumables	Tendered item
Audit, bank charges, interest, insurance	0.08
Marketing	0.02
Office equipment	Tendered item
Training and development	0.02
Project direct expenses not recoverable	0.08
Head Office expenses	Tendered item
Net Overhead Factor before profit	1.2

PART C3: SCOPE OF WORKS

C3.6 ADDITIONAL DUTIES

C3.6.2 Additional Duties

(a) By the Service Provider

The Employer may order duties that fall outside the scope of the project as tendered. Such additional duties may involve, but not be limited to:

- Additional investigations
- Additional design requirements
- Evaluation of alternative tenders
- Diverse other services
- Special Services and specialist advice
- Establishment and liaison with PLC during Design and Construction Phases
- Establishment and maintenance of databases
- Disputes (including disputes between Contractor and Sub-contractors)

(b) By the Employer

Additional duties performed by the Employer may involve, but not be limited to:

- re-evaluation of any replacement personnel by the Tender Evaluation Panel
- reviewing draft documentation submitted more than once.

PART C3: SCOPE OF WORKS

C3.6 ADDITIONAL DUTIES

C3.6.2 Additional Duties

Item	Unit
36.01 Additional duties by the Service Provider	
(a) Personnel - Category A	hour
(b) Personnel - Category B	hour
(c) Personnel - Category C	hour
(d) Personnel - Category D	hour

The rate tendered shall be for the carrying out of any additional duties extra-over the normal Services as specified and as ordered by the Employer. The rates tendered shall include for all personnel costs including overheads and profit. Transport, if required, shall be paid at the rates under payment item 35.04.

Item	Unit
36.02 Additional duties by Employer	hour

The unit of measurement shall be the hour of Employer personnel utilised for additional duties.

The provided negative rate shall be for carrying out additional duties as specified in Clauses C3.1.9, C3.3.4 and C3.5.4 and shall be deducted from the service provider's interim payment certificate immediately after having being informed by the Employer.

The minimum time will always be 2 (two) hours per key person re-evaluated and actual hours will be charged for proof reading draft documentation submitted more than once.

PART C4: SITE INFORMATION

C4.3 ANY ADDITIONAL INFORMATION AS REQUIRED FOR THE PROJECT

C4.3.7 Appendices

- **Appendix A: Example of Road Condition Report.**
- Appendix B: Road Incident Management Systems functions.
- Appendix C: Routine Maintenance and Slope Management System Guidance Manual.
- Appendix D: Locality Plan.
- Appendix E: Occupational Health & Safety & Audit Questionnaire
- **Appendix F: Structures Inspection Form**
- Appendix G: Integrated Transport Information System
- **Appendix H: SARDS Manual**
- Appendix I: 2nd Tier Procurement Procedure

ADDENDUM

THANK YOU

END