

WESTERN REGION
12 JULY 2023





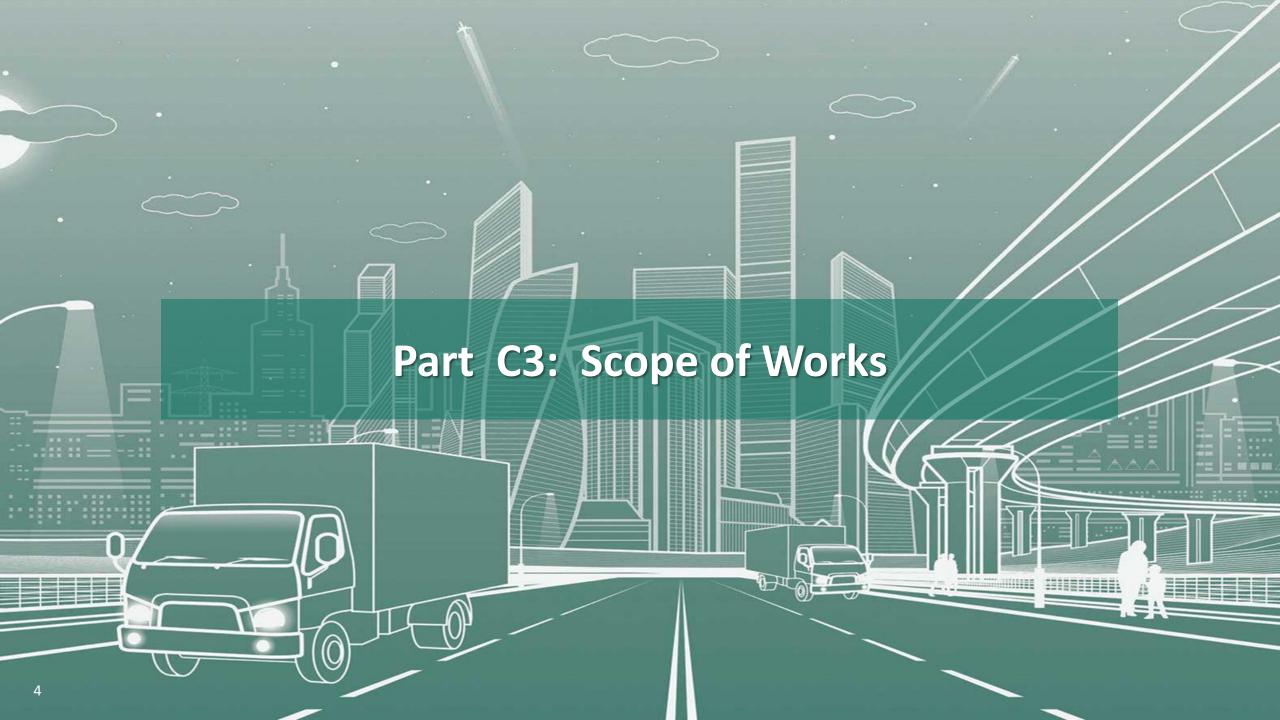
BUILDING SOUTH AFRICA
THROUGH BETTER ROADS

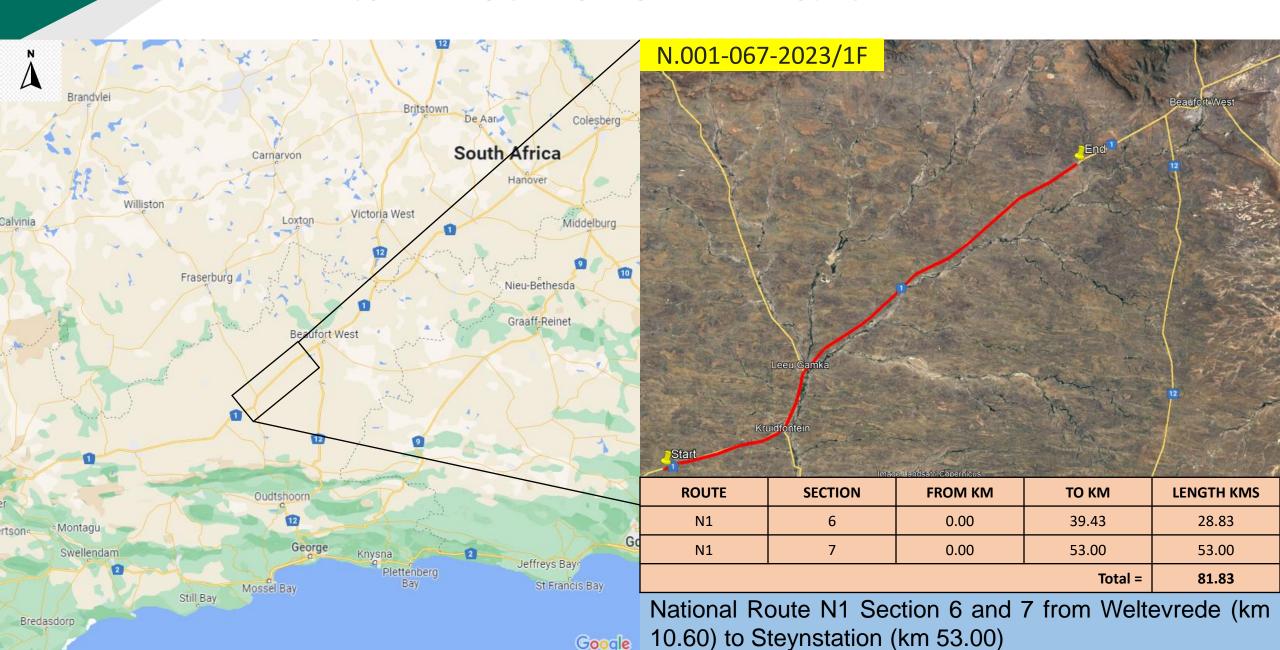
TENDER CLARIFICATION FOR PROJECTS

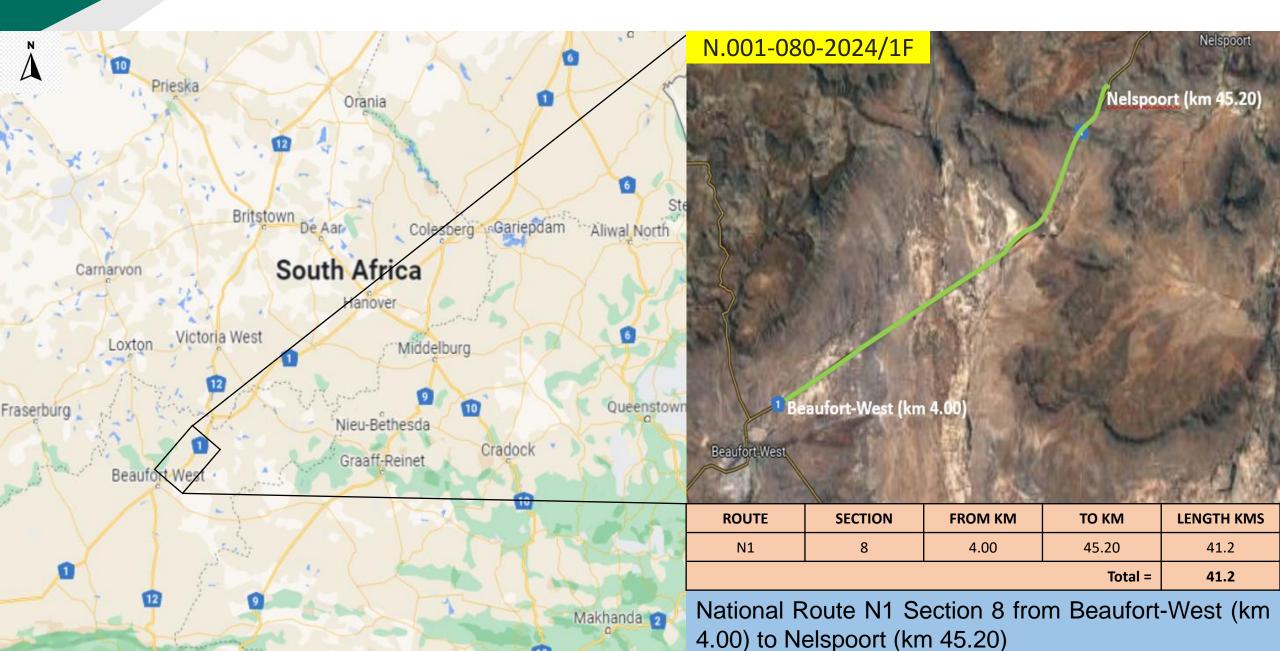
No.	Contract Number	Description
1	N.001-067-2023/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE 1 SECTIONS 6 AND 7 FROM WELTEVREDE (KM 10.60) TO STEYNSTATION (KM 53.00)
2	N.001-080-2024/1F	CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESEAL) OF NATIONAL ROUTE 1 SECTION 8 FROM BEAUFORT-WEST (KM 4.00) TO NELSPOORT (KM 45.20)
3	N.001-090-2023/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE 1 SECTIONS 9 FROM BULTFONTEIN (KM 60.00) TO RICHMOND (KM 104.63)
4	N.002-040-2022/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) OF NATIONAL ROUTE N2 SECTION 4 FROM RIVIERSONDEREND (KM 0.00) TO SWELLENDAM (KM 56.92)
5	N.010-101-2023/1F	CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) OF NATIONAL ROUTE 10 SECTION 10 FROM KEUKENDRAAI (KM 50.30) TO GROBLERSHOOP (KM 55.59), NATIONAL ROUTE 10 SECTION 11 FROM GROBLERSHOOP (KM 0.00) TO UITKYK (KM 70.00) AND NATIONAL ROUTE 8 SECTION 6 FROM GROBLERSHOOP (KM 0.00) TO ROOISAND (KM 8.18)
6	N.012-090-2024/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE 12 ON SECTION 9 FROM HOPE TOWN (KM 0,00) TO KIMBERLEY (KM 117,50)
7	R.027-090-2023/1F	CONSULTING ENGINEERING SERVICES FOR THE . PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R27 SECTION 9 FROM RIETMOND POORT (KM 73) TO BRANDVLEI (KM 147)

TENDER CLARIFICATION FOR PROJECTS (cont...)

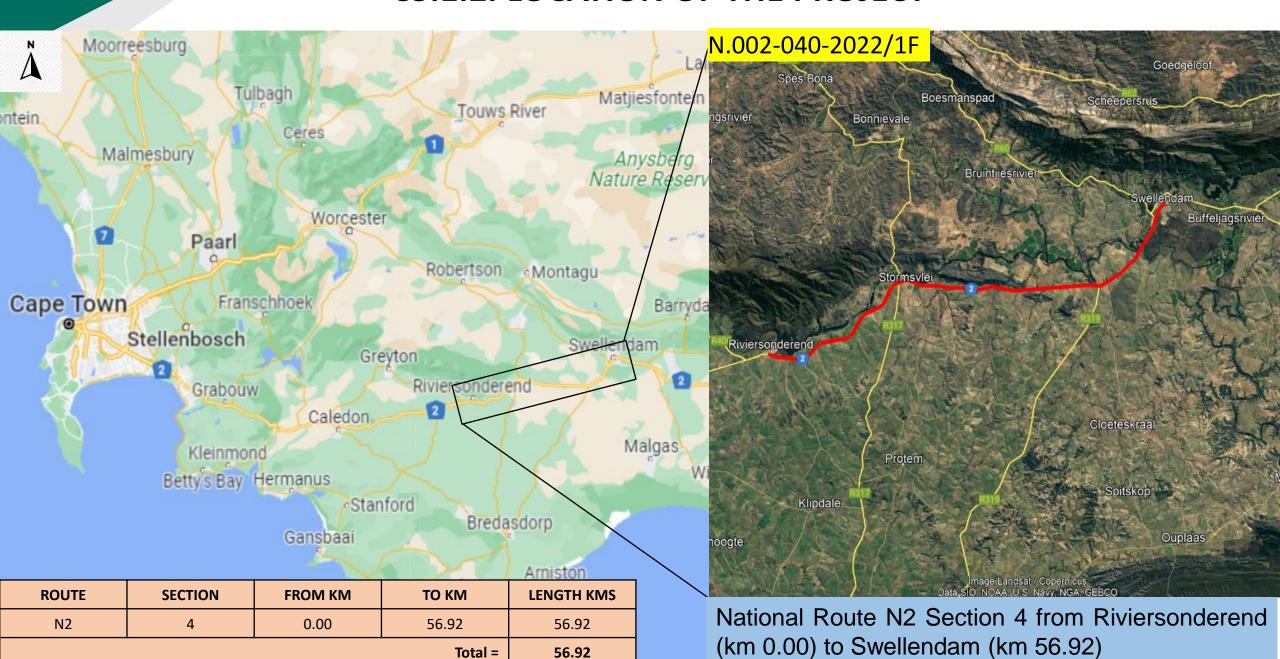
No.	Contract Number	Description
8	R.027-100-2023/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R27 SECTION 10 FROM BRANDVLEI (KM 0.00) TO KENHARDT (KM 141.96)
9	R.027-110-2023/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) OF NATIONAL ROUTE R27 SECTION 11 FROM KENHARDT (KM 0.00) TO KEIMOES (KM 74.61)
10	R.031-050-2024/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R31 SECTION 5 FROM KURUMAN (KM 0.00) TO DANIELSKUIL (KM 92.50)
11	R.031-070-2024/1F	FOR CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R31 ON SECTION 7 FROM DELPORTSHOOP (KM 0.00) TO BARKLY WEST (KM 30.61)
12	R.031-080-2024/1F	CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) OF NATIONAL ROUTE R31 SECTION 8 FROM BARKLY WEST (KM 0.00) TO R31/N12 ROUNDABOUT (KM 36.23)
13	R.325-020-2024/1F	FOR CONSULTING ENGIEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R325 SECTION 2 FROM POSTMASBURG (KM 0.00) TO JENKINSFARM (KM 50.87)
14	R.382-010-2024/1F	CONSULTING ENGINEERING SERVICES FOR THE PERIODIC MAINTENANCE (RESURFACING) ON NATIONAL ROUTE R382 SECTION 1 FROM ALEXANDER BAY AIRPORT I/S (KM 0.00) TO PORT NOLLOTH (KM 87.96).
15	X.005-060-2024/1F	FOR CONSULTING ENGINEERING SERVICES THE PERIODIC MAINTENANCE (RESURFACING) OF NATIONAL ROUTE R31 SECTION 4 FROM SANTOY (KM 0.00) TO KURUMAN (KM 73.48) AND NATIONAL ROUTE R380 SECTION 2 FROM SANTOY (KM 0.00) TO (KM 8.40)





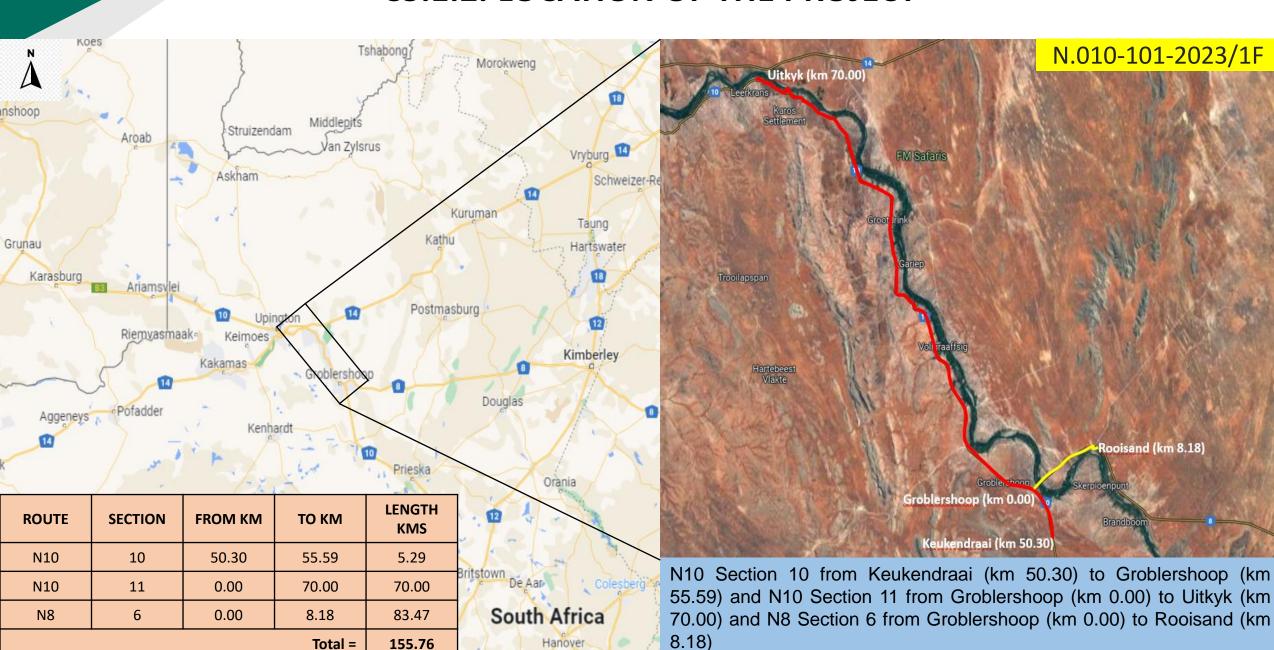


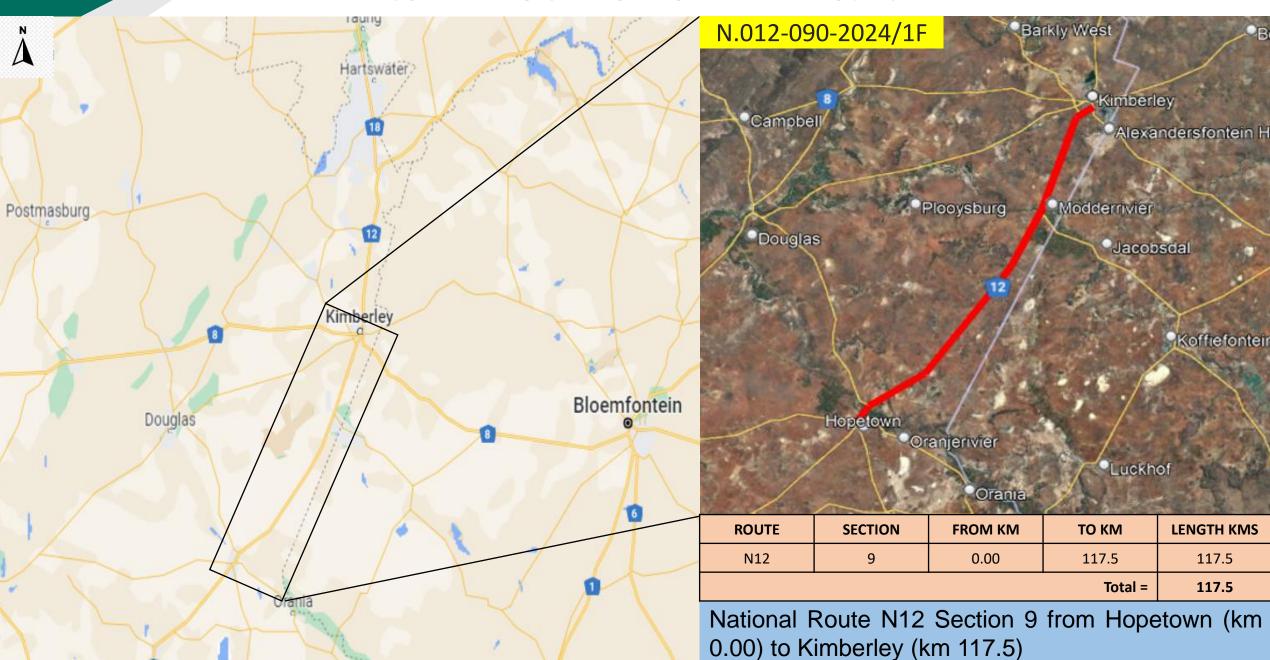


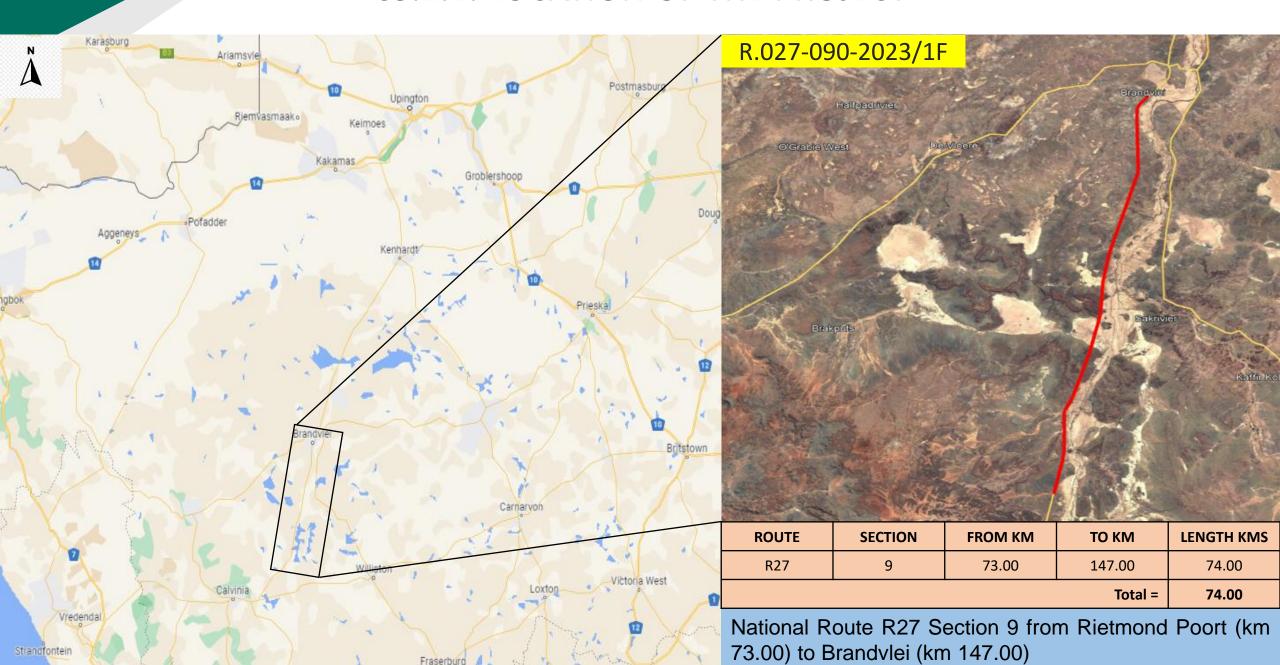


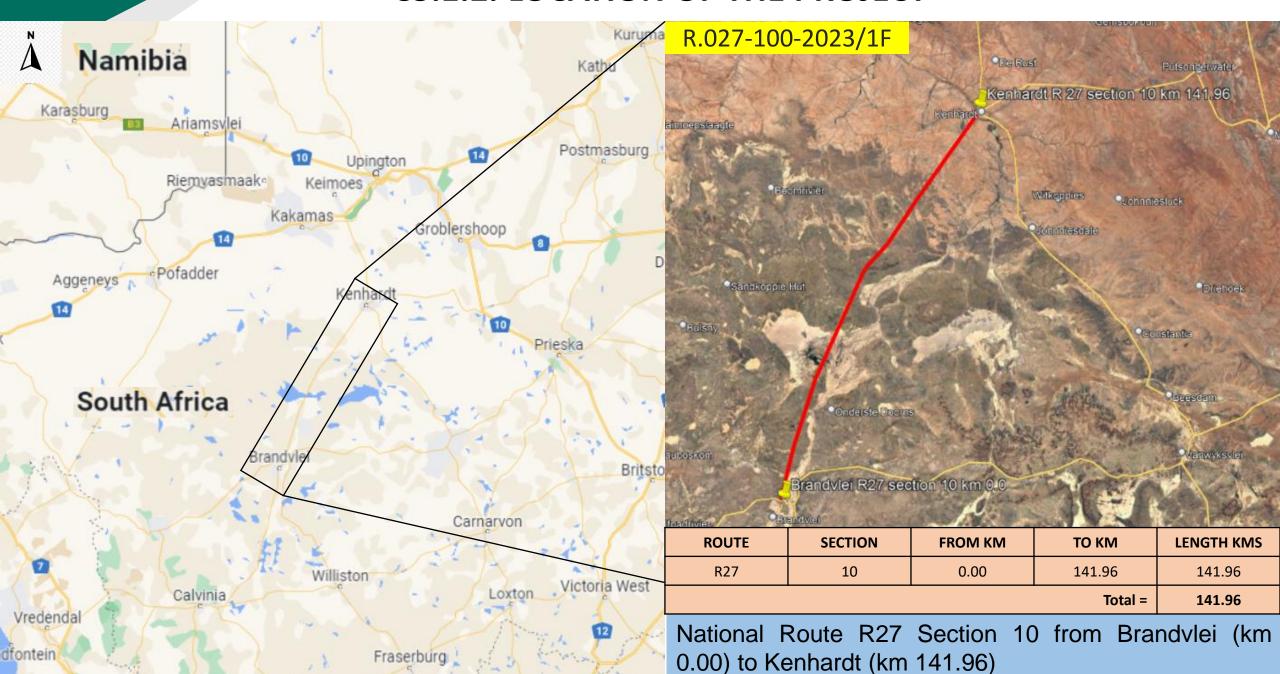
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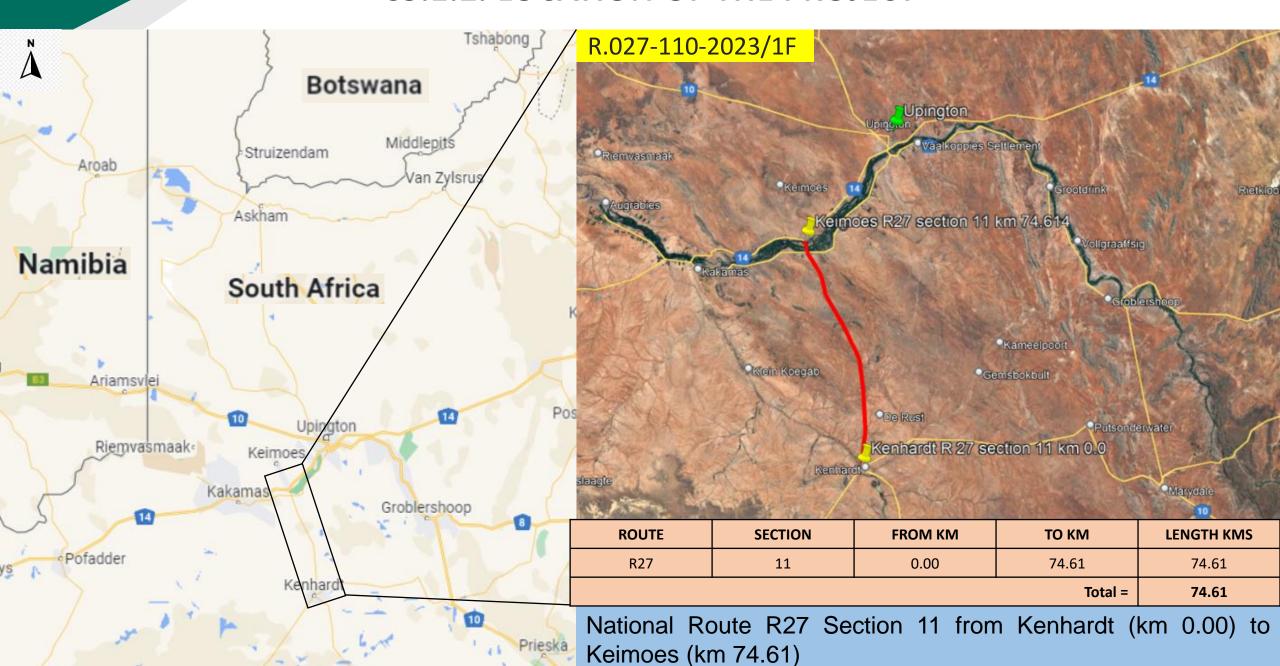
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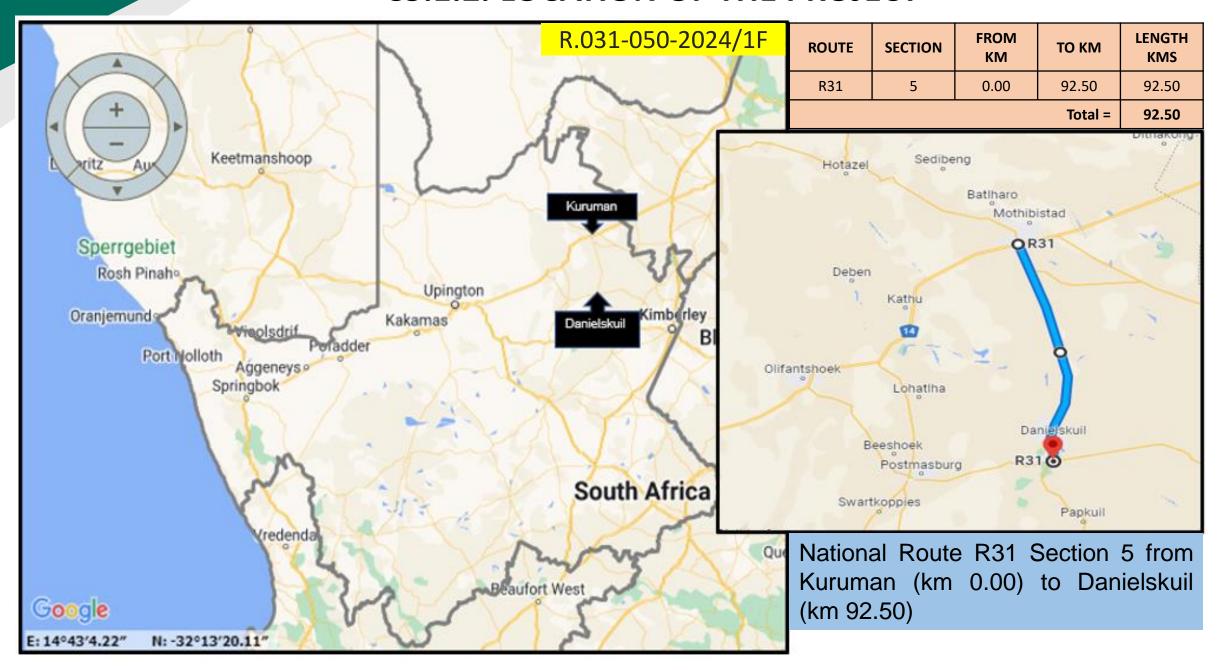


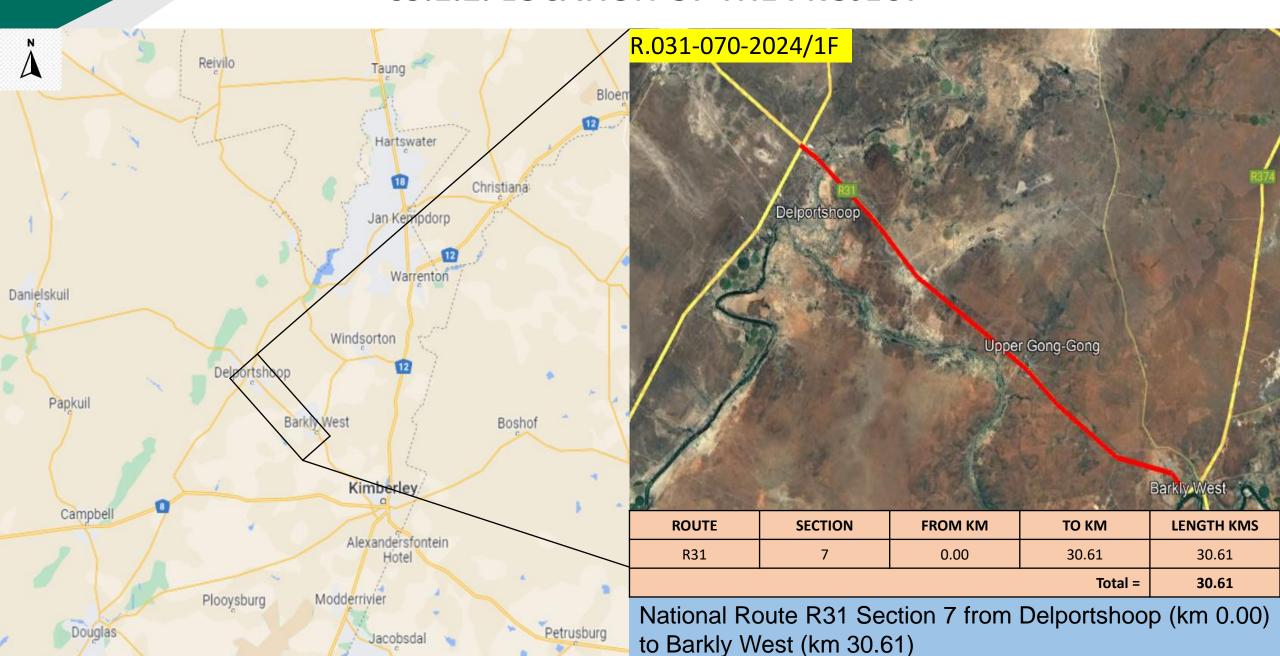


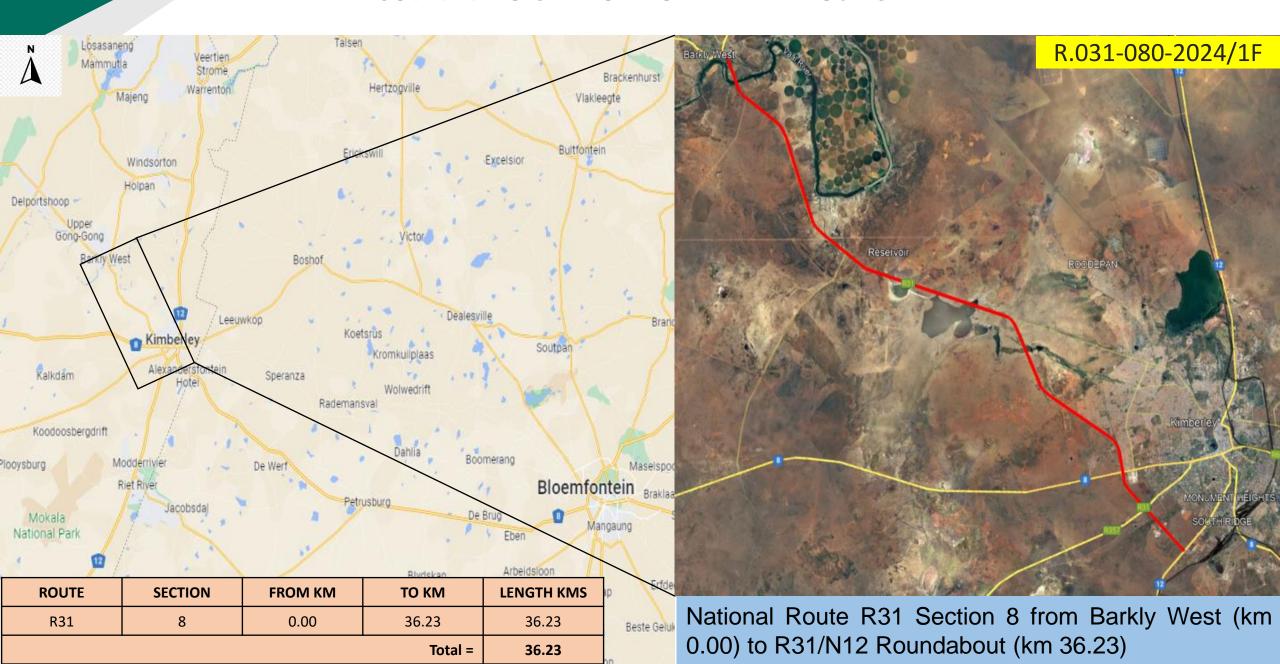


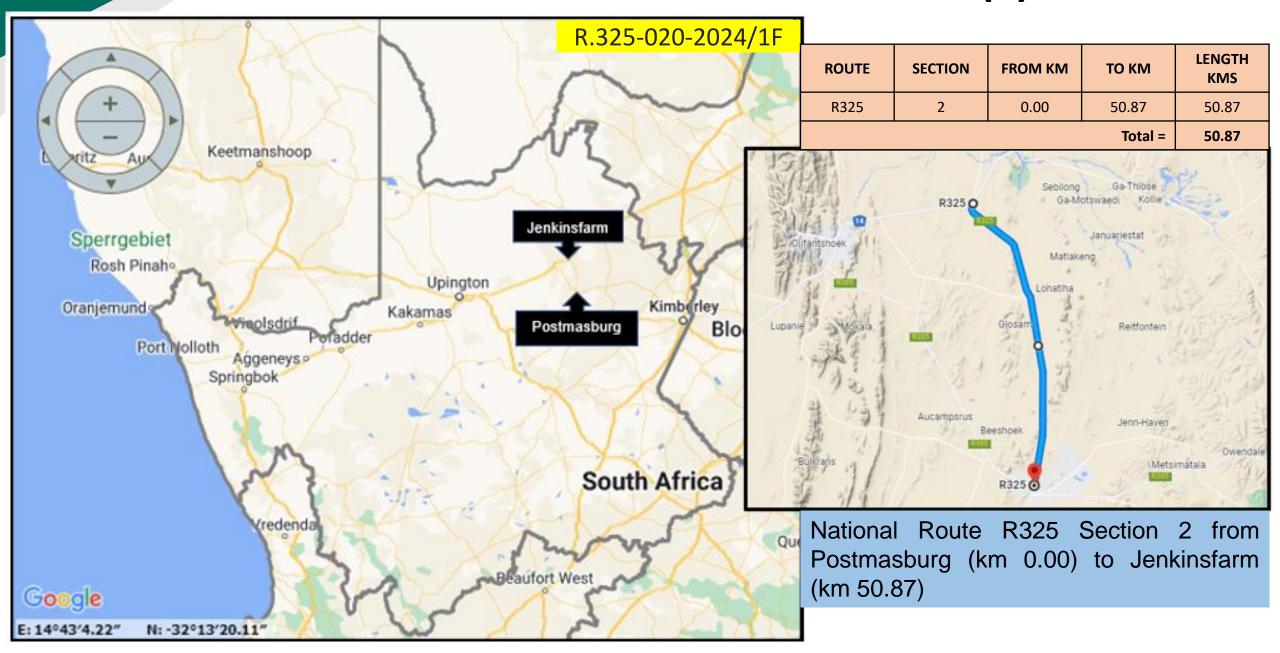




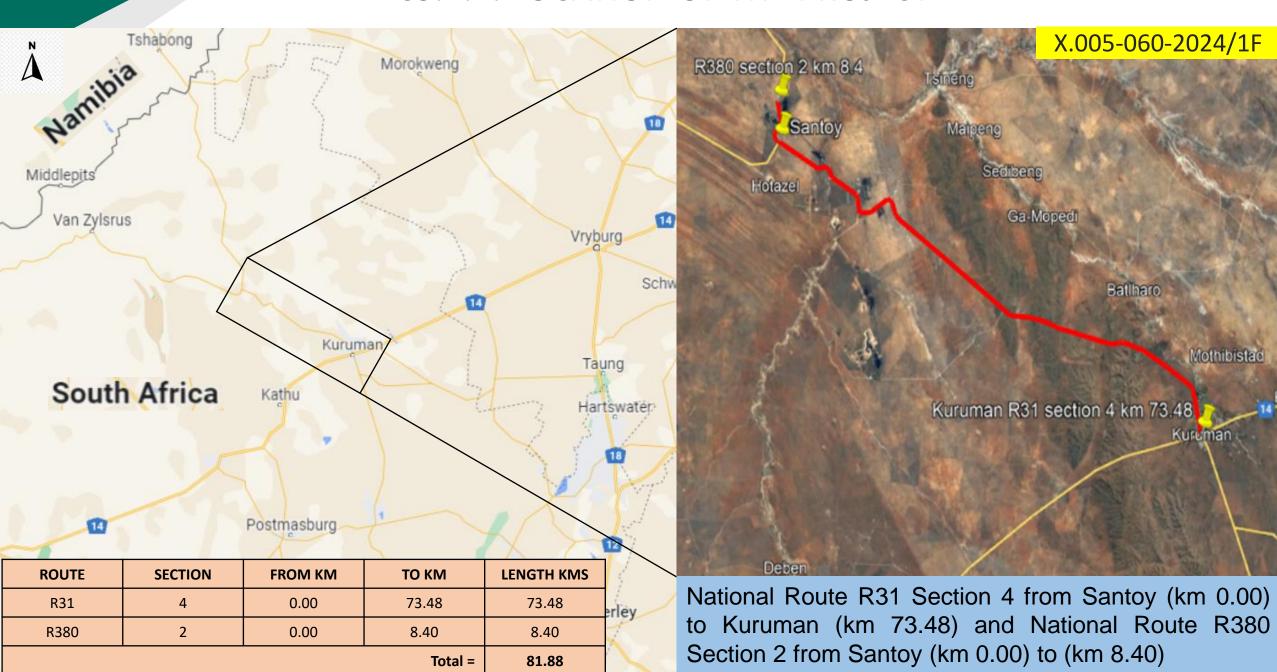












C3.1.3 Description of the project: Periodic Maintenance Contract

The periodic maintenance will most probably take the form of appropriate localised repair and pre-treatment of the existing surface followed by the construction of an appropriate surface seal and/or asphalt overlay.

The Services required of the Service Provider are divided into the following distinct phases:

- Project Assessment.
- Investigations for Design Development.
- Design Development which shall include the following phases:
 - Preliminary design
 - Detailed design
- Tender Documentation.
- Clarification Meeting, Tender Period and Tender Evaluation.
- Administration and Monitoring of the Works Contract.
- Additional duties, Special Services and Specialist Advice.
- Quality Control: Works Contract.
- Close Out.

C3.1.4 Determination of Remuneration

(a) Fee determination

Table C3.1.4(b): Percentage points for phases/stages: Road Works, Structures, Building and Other

Type of Service	Concept Design (CD)	Preliminary Design (PD)	Detailed Design (DD)	Administration & Monitoring of works contract (AMW)	Close out (CO)	Total
Full service	5%	21%	42%	27%	5%	100%
CD	100%	0%	0%	0%	0%	100%
CD & PD	20%	80%	0%	0%	0%	100%
CD ,PD& DD	8%	31%	61%	0%	0%	100%
PD	0%	100%	0%	0%	0%	100%
PD & DD	0%	33%	67%	0%	0%	100%
DD, AMW,	0%	0%	63%	31%	6%	100%
PD, DD, AMW, CO	0%	22%	44%	28%	6%	100%
AMW & CO	0%	0%	0%	83%	17%	100%

C3.1.5 Employer's Cost Estimate

The final cost of the Works will, however, depend on the strategy selected by the Employer based on the most appropriate and cost-effective options identified by the Service Provider during the design phase.

Tenderers shall note that no adjustments to tendered rates will be applicable irrespective of the actual final cost of the Works.

C3.1.7 Stakeholder and Community Liaison and Social Facilitation

- (a) Purpose: To give effect to the need for <u>transparency and inclusion in the process of delivering services</u>, the Service Provider shall liaise with the project Stakeholders and affected Communities for the duration of the contract's life cycle. This shall be achieved through structured engagement with the PLC which was established for this purpose.
- (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.

Where a PLC has not been established, the Service Provider, under the guidance of the Employer, shall establish such a committee within the boundaries of the Local and/or District Municipality. Allowance has been made for these requirements in the Pricing Schedule under Additional Duties.

C3.1.9 Project Programme (N.001-067-2023/1F)

	Project Stage/Phase	Stage/Phase Completion Date
Α	Submission of Tenders / Proposals	Friday 11 August 2023
В	Appointment of Service Provider	Friday 9 February 2024
С	Project Hand-over meeting	Friday 1st March 2024
D	First Progress meeting	Friday 29 March 2024
Е	Submission of draft Assessment Report	Friday 12 April 2024
F	Submission of draft Concept Design Report	n/a
G	Submission of draft Preliminary Design Report	Friday 3 May 2024
Н	Submission of Gateway Review Report (if applicable)	n/a
I	Submission of Road Safety Audit Report: Stage 1	n/a
J	Submission of draft Detailed Design Report including Structures, Drainage & Geotechnical Reports	Friday 31 May 2024
K	Submission of Road Safety Audit Report: Stage 3: Detail Design	n/a
L	Submission of design information to SANRAL's Property Service Provider (PSP) for land acquisition purposes	n/a
M	Submission of Basic Assessment Report or full EIA report	n/a
N	Submission of WULA to approving authority	n/a
0	Submission of EMP's to approving authority	n/a
Р	Submission of Draft Tender Documents for the Works and final Detailed Design Reports	Monday 9 September 2024
Q	Tender Advertisement	Friday 27 September 2024
R	Submission of Final Tender Documents for the Works	Friday 20 September 2024
S	Clarification Meeting	October 2024
Т	Tender Closure	Friday 1 November 2024
U	Submission of Tender Evaluation Report	n/a
V	Works Contract Handover	Friday 2 May 2025
W	Submission of draft Contract Report & as-built data	Within 3 months of issue of Taking- over Certificate for the Works
X	Submission of final Contract Reports and as-built data	Within 1 month of issue of Performance Certificate for the Works

The program for each project will vary according to the specify project and scope requirements

C3.1.11 Personnel Requirements

Minimum Requirements

KEY PERSONS

Minimum Minimum Relevant Other **Position** Qualification/Registration Requirements Experience (vears)3 Project Leader Pr Eng or Pr Tech Eng¹ 10 In permanent employment of the Assistant Project Leader Pr Eng or Pr Tech Eng1 <10 tendering entity or Targeted Enterprise Design Specialist Pr Eng or Pr Tech Eng1 10 In permanent employment of the Assistant Design Pr Eng or Pr Tech Eng¹ <10 tendering entity or Specialist Targeted Enterprise Registered Professional Surveyors. Technologist Surveyors, Technician Surveyor 5 Member of SAGC⁷ Surveyors 5 SAIEG4 **Engineering Geologist** Pr Sci.Nat⁵ Environmental Refer to sub-service procurement document Practitioner Design Phase: SACPCMP6 registration as a Professional Construction HSE Agent As required by **OHS Specialist** Construction Phase: SACPCMP6 SACPCMP6 registration as a Professional Construction HSE Agent or Manager Road safety course (5 CPD) Road Safety Audit Team Pr Eng or Pr Tech Eng1 10 Minimum 2 (two) Leader audits within 3 (three) years Contract Engineer Pr Eng¹ or Pr Tech Eng¹ 10

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Position	Minimum Qualification/Registration	Minimum Relevant Experience (years) ³	Other Requirements
Assistant Contract Engineer	Pr Eng or Pr Tech Eng ¹	<10	In permanent employment of the tendering entity or Targeted Enterprise
Engineer's Representative (RE)	Pr Eng or Pr Tech Eng ¹	5	
	Pr Techni Eng¹	10	
Assistant RE	Candidate Technician ¹	1	
	None specified	20	
Senior Materials Technician	National Diploma in civil engineering	10	
	Pr Techni Eng¹	5	
	None specified	10	
Materials Technician	National Diploma in civil engineering	5	
	Pr Techni Eng¹	2	
Trainee Technician	Candidate Technician	0	

C3.7.3 Establishment of supervisory personnel on site

a) Supervisory team

The Service Provider shall be required to provide a team on site to monitor, administer and measure the Works in accordance with the requirements of the Works Contract, Employer's standard requirements and industry good practice.

Provision has been made in the Pricing Schedule for the envisaged staffing requirement. The establishment of such staff, however, shall be subject to the approval of the Employer. For the envisaged scope of the Works, the supervisory team will consist of at least the following:

- i) Resident Engineer
- ii) Assistant Resident Engineer/s
- iii) Materials Technician
- iv) Trainee Technician
- v) Trainee (student)
- vi) Project Liaison Officer
- vii) Administrative Assistants (data capture)
- viii) Mentors/Coaches for Targeted Enterprises (sub-contractors)

The minimum requirements for qualification and experience of the supervisory team are specified in Clause C3.1.11.

THANK YOU!

END