



TENDER CLARIFICATION BRIEFING MEETING FOR CONSULTING ENGINEERING SERVICES SOUTHERN REGION

SANRAL



**BUILDING SOUTH AFRICA
THROUGH BETTER ROADS**

DETAILS OF TENDER CLARIFICATION BRIEFING MEETING

Contract No.	N.002-100-2019/1F
Description	Consulting Engineering Services for the Dualling on National Route N2 Section 10 from Gamtoos River (km 54.00) to Sunnyside Rail (km 69.20), Including the Route Location and Bridge across the Gamtoos River.
SANRAL Region	Southern Region
Meeting Format	No Clarification meeting.

CONTENTS OF TENDER CLARIFICATION BRIEFING MEETING

T1	Tendering Procedures
T1.1	Tender Notice and Invitation to Tender
T1.2	Conditions of Tender
T1.3	Tender Data
C1	Agreements and Contract Data
C1.2.2	Contract Data – Employer
C1.2.3	Contract Data – Tenderer
C3	Scope of Work
C3.1.3	Description of the Project
C3.1.5	Employer's Cost Estimate
C3.1.9	Project Programme
C3.1.11	Personnel Requirements
C3.1.19	Participation of Targeted Enterprise(s)



Part T1: Tendering Procedures

Part C1: Agreements and Contract Data

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C1.2.2: CONTRACT DATA - EMPLOYER

7.2	<p>The Key Persons required for this project are:</p> <ul style="list-style-type: none">• Project Leader• Design Specialist (Structural Engineer)• Design Specialist (Geometric Engineer) <p>The additional design specialists and assistants to the Project Leader and Design Specialists other than Key Persons for this project are:</p> <ul style="list-style-type: none">• Design Specialist: Pavement and Materials Engineer• Design Specialist: Traffic Engineer• Design Specialist: Geotechnical Engineer
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C1.2.3: CONTRACT DATA - TENDERER

B: Key Persons	<table border="1"> <thead> <tr> <th data-bbox="529 272 1155 362">Key Persons</th><th data-bbox="1155 272 1437 362">Name</th><th data-bbox="1437 272 1779 362">Indicate permanent or not permanent *</th></tr> </thead> <tbody> <tr> <td data-bbox="529 362 1155 439">Project Leader</td><td data-bbox="1155 362 1437 439"></td><td data-bbox="1437 362 1779 439"></td></tr> <tr> <td data-bbox="529 439 1155 529">Alternate to Project Leader (if applicable)</td><td data-bbox="1155 439 1437 529"></td><td data-bbox="1437 439 1779 529"></td></tr> <tr> <td data-bbox="529 529 1155 619">Design Specialist (Geometric Engineer) Design Specialist (Structural Engineer)</td><td data-bbox="1155 529 1437 619"></td><td data-bbox="1437 529 1779 619"></td></tr> <tr> <td data-bbox="529 619 1155 796">Alternate to Design Specialist (Geometric Engineer) Alternate to Design Specialist (Structural Engineer)</td><td data-bbox="1155 619 1437 796"></td><td data-bbox="1437 619 1779 796"></td></tr> </tbody> </table> <p data-bbox="529 819 1779 911">*Attach letter confirming permanent or contract employment or signed letter of consent.</p>	Key Persons	Name	Indicate permanent or not permanent *	Project Leader			Alternate to Project Leader (if applicable)			Design Specialist (Geometric Engineer) Design Specialist (Structural Engineer)			Alternate to Design Specialist (Geometric Engineer) Alternate to Design Specialist (Structural Engineer)		
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C: Subcontracting to Targeted Enterprises (Form B7)	<p data-bbox="529 923 1779 1168">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 3.7.4(a) and (b)) that will be undertaken by a Targeted Enterprise(s) selected by the Service Provider shall be%*.</p> <p data-bbox="529 1225 1638 1268">* Note to tenderer: insert percentage as tendered in Form B7.</p>															



Part C3: Scope of Works

C3.1.3: DESCRIPTION OF THE PROJECT

C3.1.3	<p>New Facilities: The Employer's AMS currently indicates that additional capacity is required that may take the form of upgrading the existing single carriageway to a dual carriageway and the construction of new grade-separated interchanges indicating the closing off of existing access for public roads.</p> <p>Services Required: are divided into the following stages:</p> <ul style="list-style-type: none">• Project Assessment.• Investigations for Design Development.• Design Development which shall include the following phases:<ul style="list-style-type: none">• Concept• Preliminary• 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.
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C3.1.5: EMPLOYER'S COST ESTIMATE

C3.1.5	<p>For the purposes of this project, the current budget for the Works is based on DNURT.</p> <p>The estimated costs of the different construction work types with a construction start date of January 2028 are provided below:</p> <table><tr><td>Road works</td><td>R</td><td>912 000 000.00</td></tr><tr><td>Structures</td><td>R</td><td>280 000 000.00</td></tr><tr><td>Est Total project value</td><td>R</td><td>1 192 000 000.00</td></tr></table> <p>(excluding contingencies, CPA during the construction period and VAT)</p> <p>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 project assessment and design phases.</p>	Road works	R	912 000 000.00	Structures	R	280 000 000.00	Est Total project value	R	1 192 000 000.00
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C3.1.9: PROJECT PROGRAMME

	Project Stage/Phase	Stage/Phase Completion Date
A	Submission of Tenders / Proposals	18 August 2023
B	Appointment of Service Provider	February 2024
C	Project Hand-over meeting	March 2024
D	First Progress meeting	April 2024
E	Submission of draft Assessment Report	August 2024
F	Submission of draft Concept Design Report	January 2025
G	Submission of draft Preliminary Design Report	May 2025
H	Submission of Gateway Review Report (if applicable)	August 2025
I	Submission of Road Safety Audit Report: Stage 1 Feasibility and Preliminary Design	December 2024
J	Submission of draft Detailed Design Report including Structures, Drainage & Geotechnical Reports	December 2025
K	Submission of Road Safety Audit Report: Stage 3: Detail Design	December 2025
L	Submission of design information to SANRAL's Property Service Provider for land acquisition purposes	December 2025

C3.1.9: PROJECT PROGRAMME

	Project Stage/Phase	Stage/Phase Completion Date
M	Submission of Basic Assessment Report or full EIA report	May 2025
P	Submission of WULA to approving authority	December 2025
Q	Submission of EMP's to approving authority	December 2025
R	Submission of Draft Tender Documents for the Works and final Detailed Design Reports	February 2027
S	Tender Advertisement	April 2027
T	Submission of Final Tender Documents for the Works	March 2027
U	Clarification Meeting	May 2027
V	Tender Closure	May 2027
W	Submission of Tender Evaluation Report	July 2027
X	Works Contract Handover	January 2028
Y	Submission of draft Contract Report & as-built data	3 months of TOC
Z	Submission of final Contract Reports and as-built data	1 month of PC

C3.1.11: PERSONNEL REQUIREMENTS

Position	Minimum Qualification/Registration	Min. Relevant Experience (years) ³	Other Requirements
Project Leader	Pr Eng or Pr Tech Eng ¹	10	
Assistant Project Leader	Pr Eng or Pr Tech Eng ¹	<10	Permanent employed by tendering entity or TE.
Design Specialist	Pr Eng or Pr Tech Eng ¹	10	
Assistant Design Specialist	Pr Eng or Pr Tech Eng ¹	<10	Permanent employed by tendering entity or TE.
Surveyor	Registered Professional Surveyors, Technologist Surveyors, Technician	5	Member of SAGC ⁷
Engineering Geologist	Pr Sci.Nat ⁵	5	SAIEG ⁴
Environmental Practitioner	Refer to sub-service procurement document		
OHS Specialist	Design Phase: SACPCMP ⁶ registration as a Professional Construction HSE Agent Construction Phase: SACPCMP ⁶ registration as a Professional Construction HSE Agent or Manager	As required by SACPCMP ⁶	

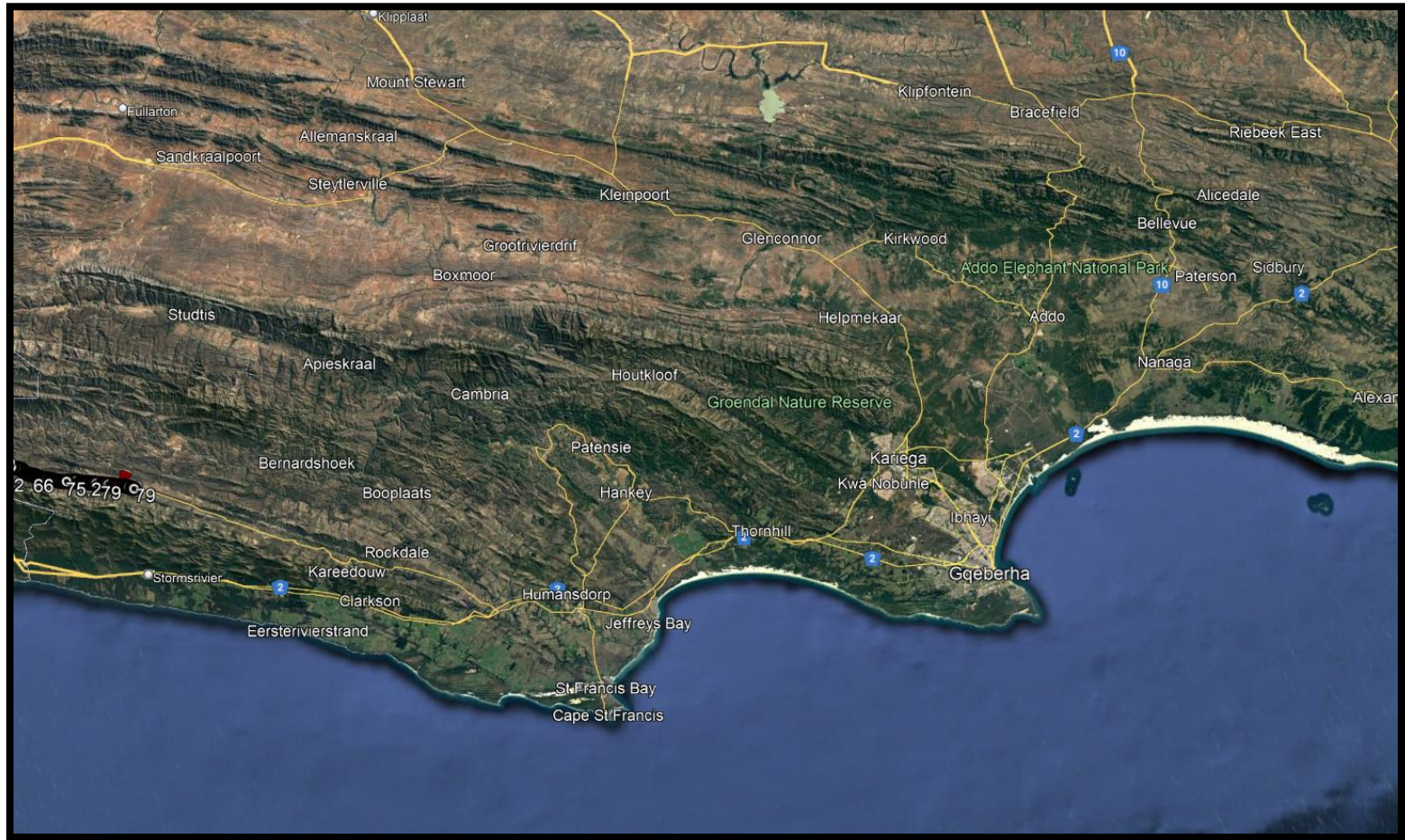
C3.1.11: PERSONNEL REQUIREMENTS

Position	Minimum Qualification/Registration	Min. Relevant Experience (years) ³	Other Requirements
Road Safety Audit Team Leader	Pr Eng or Pr Tech Eng ¹	10	Road safety course (5 CPD) Minimum 2 (two) audits within 3 (three) years
Contract Engineer	Pr Eng ¹	10	
Assistant Contract Engineer	Pr Eng or Pr Tech Eng ¹	<10	Permanent employed by tendering entity or TE.
Engineer's Representative (RE)	Pr Eng or Pr Tech Eng ¹	15	
Assistant RE	Pr Eng or Pr Tech Eng ¹	5	
Senior Materials Technician	None specified	20	
	National Diploma in civil engineering	10	
	Pr Techni Eng ¹	5	
Materials Technician	None specified	10	
	National Diploma in civil engineering	5	
	Pr Techni Eng ¹	2	
Trainee Technician	Candidate Technician	0	

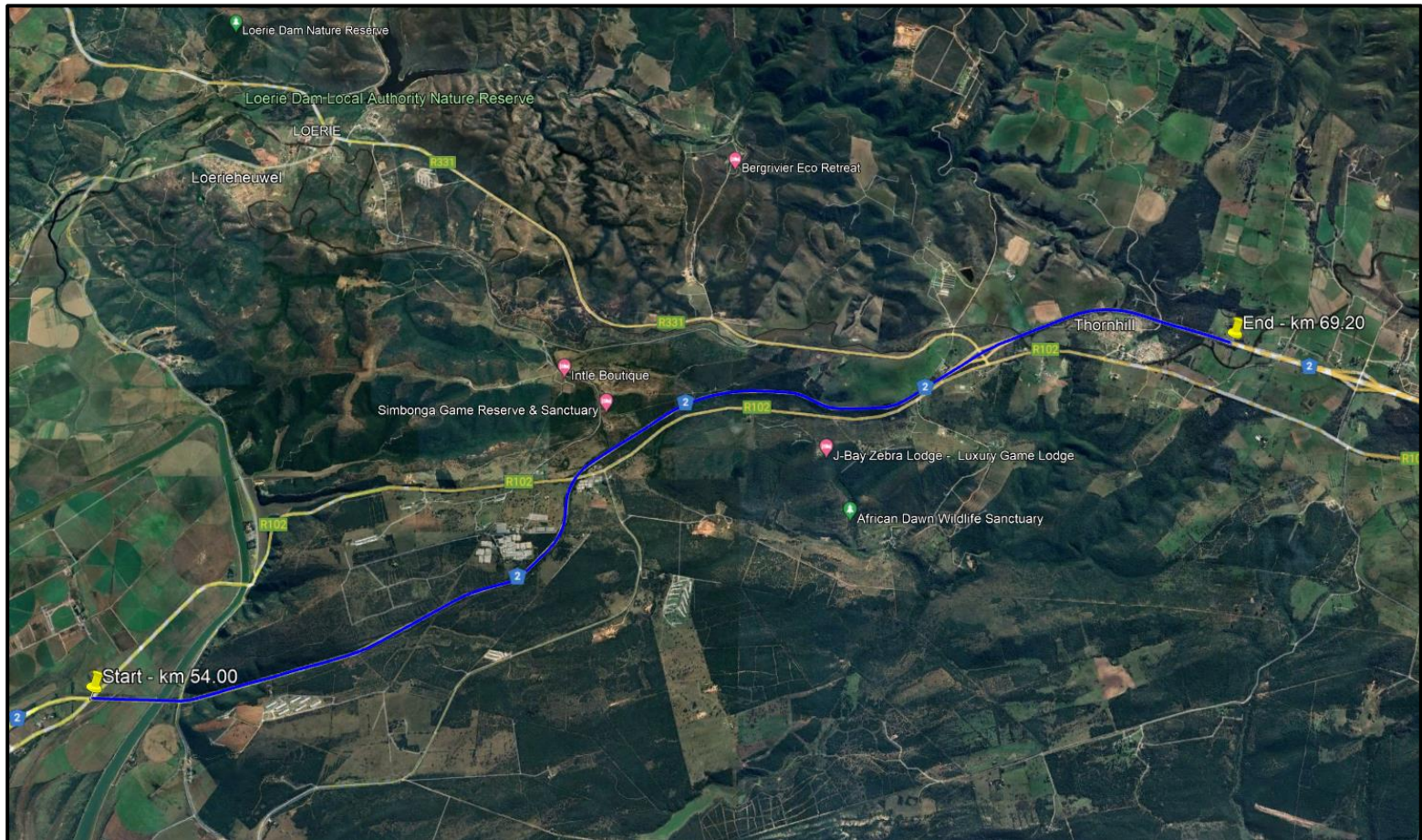
C3.1.19: PARTICIPATION OF TARGETED ENTERPRISE(S)

C3.1.19	<p>The Service Provider's Targeted Enterprise(s) become a contractual commitment upon award.</p> <p>The Targeted Enterprise(s) shall be involved throughout the project stages and the percentage tendered in the Contract Data shall be applicable to actual work split (excluding all provisional and prime cost sums but including site staff salaries) amongst the following stages:</p> <ul style="list-style-type: none">• Project Assessment stage• Investigation for Design Development• Design Development stage• Tender Documentation• Clarification Meeting, Tender Period & Tender Evaluation• Administration and Monitoring of the Works• Additional duties, special services and specialist advice• Quality control• Close out <p>The use of Targeted Enterprise personnel as site staff during the administration and monitoring of the Works phase is included as part of the percentage tendered in the Contract Data.</p>
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LOCALITY MAP



KEY PLAN MAP





ANY QUESTIONS?

SEND QUESTIONS TO :

PROCUREMENTSR4@SANRAL.CO.ZA SUBJECT: N.002-100-2019/1F

(QUESTIONS MUST REACH SANRAL 12 DAYS BEFORE THE CLOSING DATE)