

# **TENDER CLARIFICATION BRIEFING MEETING FOR CONSULTING ENGINEERING SERVICES SOUTHERN REGION**

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THROUGH BETTER ROADS**

# DETAILS OF TENDER CLARIFICATION BRIEFING MEETING

Contract No.	X.003-080-2024/1F
Description:	FOR AD-HOC STRUCTURAL AND DRAINAGE CONSULTING ENGINEERING AND SUPERVISION SERVICES FOR THE SOUTHERN REGION
SANRAL Region:	Southern Region
Meeting Format:	Non Compulsory Briefing meeting

# CONTENTS OF TENDER CLARIFICATION BRIEFING MEETING

<b>T1</b>	<b>Tendering Procedures</b>
T1.1	Tender Notice and Invitation to Tender
T1.2	Conditions of Tender
T1.3	Tender Data
<b>C1</b>	<b>Agreements and Contract Data</b>
C1.2.2	Contract Data – Employer
C1.2.3	Contract Data – Tenderer
<b>C3</b>	<b>Scope of Work</b>
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



# TENDER DATA

C.2.1	<p><b>Eligibility</b></p> <p>Only those tenderers who satisfy the following criteria are eligible to submit tenders:</p> <p>(a) Meet the minimum requirements for the key persons as stated in the Scope of Works in Clause C.3.1.11: Personnel requirements; excluding 3.1.11(f), which is dealt with under Tender Data C.3.13(k).</p> <p>(b) Registered on National Treasury Central Supplier Database.</p> <p>Tenderers, or in the event of a Joint Venture or a Targeted Enterprise, each member of the Joint Venture or Targeted Enterprise, shall be registered on the National Treasury Central Supplier Database at the closing date for tender submissions. If not registered as verified online at tender closing, the tenderer will be declared non-responsive.</p> <p>Failure to satisfy the eligibility criteria will result in a non-responsive tender.</p>
C.2.2	<p><b>Cost of tendering</b></p> <p>Tender documents are available from SANRAL website at no cost.</p>

# TENDER DATA

C.2.6	<p><b>Acknowledge addenda</b></p> <p>Failure to apply instructions contained in addenda may render a tenderer's offer non-responsive in terms of condition of tender C.3.8.</p>
C.2.7	<p><b>Clarification meeting</b></p> <p><b>A tenderer's representative cannot represent more than one tenderer at the tender briefing meeting.</b></p>



# TENDER DATA

C.2.8	<p><b>Seek clarification</b></p> <p>Request clarifications at least <b>12</b> (Twelve) working days before the closing date.</p>
C.2.10	<p><b>Pricing the tender offer</b></p> <p>Tenderers are required to state the rates and currencies in Rand.</p> <p>Separate forms, as part of the Pricing Schedule, has been provided wherein the Employer has provided hourly rates for different staff categories.</p> <p>The hours tendered in these forms for percentage fee purposes and other appropriate stages will be utilised to calculate the appropriate lump sum for the different stages. These lump sums will become the applicable rates in the Pricing Schedule.</p> <p>All rates and/or sums tendered shall <b>not</b> be negative.</p>

# TENDER DATA

C.2.12	<p><b>Alternative tender offers</b></p> <p>Alternative offers will not be considered.</p>
C.2.13.2	<p>The returnable documents shall be electronically completed in their entirety, submitted on the issued software format or fully compatible format, unless otherwise specified.</p> <p>Submission in the tender box</p> <ul style="list-style-type: none"><li>• Submit the tender offer electronically on a flash drive.</li><li>• (In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.)</li></ul>
C.2.13.3	<p>Submission in the tender box</p> <p>The tenderer is required to upload all certificates as listed in the List of Returnable Schedules as scanned copies, in .pdf format, on the flash drive</p>



# TENDER DATA

C.2.13.6

Submission in the tender box is applicable

A two-envelope procedure will apply as follows:

1. **A folder is provided marked “TECHNICAL PROPOSAL”**
  - a. *Ensure that all returnable schedules listed in T2.1 List of Returnable Schedules for inclusion in the Technical Proposal and listed in the Technical Proposal folder are electronically completed (all A-Forms and B-Forms on the provided MS Word file and convert to pdf. Wherever it is a requirement to attach certificates or letters to the returnable schedules, these should be scanned in.pdf format.*
  - b. *Upload the A-Forms (pdf.), B-Forms (pdf) and certificates or letters (pdf.) on the flash drive. The completed flash drive should be marked with the tenderer’s company name, the project number and description and marked “TECHNICAL PROPOSAL”.*
  - c. *Scan and insert a valid B-BBEE certificate.*
  - d. *Scan and insert a copy of the completed Form C2.4: Key Persons for this Project.*
  - e. *Electronically sign the declaration in the folder.*
  - f. *Insert the electronically completed flash drive in an envelope marked “TECHNICAL PROPOSAL”.*
  
2. **A folder is provided marked “FINANCIAL PROPOSAL”**
  - a. *Ensure that all returnable schedules listed in T2.1 List of Returnable Schedules for inclusion in the Financial Proposal and listed in the Financial Proposal folder are electronically completed on a flash drive (Contract Data and Pricing Schedule). Wherever it is a requirement to attach letters or certificates to the returnable schedules, these should be scanned in, on the flash drive in .pdf format.*  
*The completed flash drive should be marked with the tenderer’s company name, the project number and description and marked “FINANCIAL PROPOSAL”.*
  - b. *Electronically sign the declaration in the folder.*
  - c. *Complete and electronically sign the Form of Offer and scan into the folder. A draft copy of this form is provided.*
  - d. *Scan and insert a copy of the Summary of Pricing Schedule into the folder.*
  - e. *Insert the electronically completed flash drive in an envelope marked “FINANCIAL PROPOSAL – DO NOT OPEN WITH TECHNICAL PROPOSAL”.*

# TENDER DATA

C.2.13.6	<p>f. Place and seal the signed and completed booklet with the electronically completed flash drive in an envelope marked <b>“FINANCIAL PROPOSAL - DO NOT OPEN WITH TECHNICAL PROPOSAL”</b>.</p> <p>3. Each envelope shall state on the outside the <b>Employer’s address, contract number and title as well as the Tenderer’s name, authorised representative’s name, postal address and contact telephone numbers</b>.</p> <p>4. Seal both envelopes in an outer envelope with the words <b>“TENDER”</b> clearly marked and bearing the Employer’s name, contract number and description as well as the Tenderer’s authorised representative’s name, postal address and contact details.</p> <p><i>SANRAL will not be held liable where the tenderer submit an electronic tender that cannot be accessed. The tenderer will be declared non-responsive if a tenderer submits:</i></p> <ul style="list-style-type: none"><li>• <i>One (1) envelope with 1 (one) document or 1 (one) flash drive (technical and financial);</i></li><li>• <i>Incorrectly labelled envelopes where the financial offer is labelled technical and the technical offer is labelled financial.</i></li></ul>
C.2.15.2	<p>The closing time for submission of tender offers is 11:00 on Friday, 12 April 2024.</p> <p>Where closing date was extended, documents that were valid at the original closing date, remain valid for the extended closing date.</p>
C.2.17	<p><b>Clarification of tender offer after submission</b></p> <p>Any clarification requested under this clause must be provided within 1 (one) working day of date of request.</p>

# TENDER DATA

C.2.18	<p><b>Provide other material</b></p> <p>Any additional information requested under this clause must be provided within 5 (five) working days of date of request.</p>
C.3.1 C.3.1.1	<p><b>Respond to requests from the tenderer</b></p> <p>The Employer shall respond to clarifications received up to <b>12</b> (twelve) working days before tender closing date.</p> <p>The Employer shall respond to any clarifications from the tenderers emanating from the addenda until 3 (three) working days before tender closing date.</p>
C.3.2	<p><b>Issue Addenda</b></p> <p>The employer shall issue addenda until <b>10</b> (ten) working days before tender closing date.</p>
C.3.4 C.3.4.1	<p><b>Opening of tender submissions</b></p> <p>The time for opening of the technical offer via live streaming are: Time: 11:00 on 12 April 2024.</p>

# TENDER DATA

C.3.5	<p><b>Two-envelope system</b></p> <p>The minimum percentage of evaluation points for quality is not less than <b>85</b></p> <p>Reasons for non-responsive/not achieving the threshold will only be communicated when the tender process is concluded, in terms of Clause C.3.16 of the Tender Data. The scores obtained for the non-financial proposals will not be announced at the opening of the financial offers/proposals.</p> <p>The time for opening of the financial offers via live streaming shall be communicated to all tenderers having achieved the minimum number of points for quality as prescribed.</p> <p>The financial offer of all tenderers who failed to achieve the minimum number of points for quality shall be returned unopened.</p>										
	<p><b>Evaluating quality / functionality</b></p> <p>The quality criteria and maximum score (including the relevant returnable schedule to calculate the score) in respect of each of the criteria are as follows : A detailed explanation of the evaluation scoring is provided further in this document as <b><u>“SANRAL – EXPLANATION OF CONSULTANT TENDER EVALUATION SCORING FOR CONVENTIONAL PROJECTS”</u></b></p> <table><tr><th>Description of quality criteria</th><th>Maximum number of Tender evaluation points</th></tr><tr><td>Technical Knowledge: technical experience comparable projects (Form B1)</td><td>60</td></tr><tr><td>Management Knowledge: managerial ability in comparable projects (Form B2)</td><td>30</td></tr><tr><td>Quality assurance systems which ensure conformance to Employer’s stated requirements (Form B4)</td><td>10</td></tr><tr><td>Total evaluation points for quality (Ms)</td><td>100</td></tr></table>	Description of quality criteria	Maximum number of Tender evaluation points	Technical Knowledge: technical experience comparable projects (Form B1)	60	Management Knowledge: managerial ability in comparable projects (Form B2)	30	Quality assurance systems which ensure conformance to Employer’s stated requirements (Form B4)	10	Total evaluation points for quality (Ms)	100
Description of quality criteria	Maximum number of Tender evaluation points										
Technical Knowledge: technical experience comparable projects (Form B1)	60										
Management Knowledge: managerial ability in comparable projects (Form B2)	30										
Quality assurance systems which ensure conformance to Employer’s stated requirements (Form B4)	10										
Total evaluation points for quality (Ms)	100										

# TENDER DATA

C.3.11	<p>The minimum number of evaluation points for quality is not less than <b>85</b>.</p> <p>An explanation of the evaluation methodology is provided as part of Returnable Schedule Form B1 to B4. Forms B1 to B4 shall be completed in the templates given. Any changes to these templates or incomplete information may render the tender non-responsive.</p> <p>Key persons</p> <p>As part of the quality criteria as specified above, key persons shall be used to calculate the technical experience and managerial ability score. For this purpose the tenderer may propose the same candidate for more than 1 (one) position simultaneously. If this is proposed and the evidence of the candidates' suitability is different for each position in the team then separate Returnable Schedules for each position must be completed.</p> <p>Each proposed candidate shall complete the relevant B1 and B2 forms included in the Returnable Schedules. The Project Leader (PL) and the Assistant Project Leader (APL) (if applicable) will be limited to participate in a <b>maximum number of 6 (six) conventional contracts in active design phase</b> which will be complete after the award of the Works Contract tender. Design Specialists (DS) and Assistant Design Specialists (ADS) (if applicable) will be limited to participate in a <b>maximum number of 6 (six) conventional contracts</b> in the design phase with the Employer which will be complete after the Detailed Design report is accepted by the Employer.</p>
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# TENDER DATA

C.3.11	<p>When a proposed candidate for any position is not in the permanent employ of the tenderer but a contracted person, this must be indicated on form B2 and a signed letter of consent from the candidate must be submitted with the relevant B-forms. When a proposed candidate for any position is a permanent staff member of the tenderer, this must be indicated on Form B2 and a signed letter of confirmation must be submitted with the relevant B-forms.</p> <p>The following key persons shall form part of the quality criteria:</p> <p>Project Leader "shall be a permanent staff member of the tenderer"</p> <p>Design Specialist 1: Senior Bridge Inspector Design Specialist 2: Structural Engineer - Bridges *Design Specialist 3: Hydrology/Hydraulic Engineer *Works Contract Engineer</p> <p>* The Hydrology/Hydraulic Engineer and Works Contract Engineer shall not be evaluated for quality, however his/her qualification, registration and experience shall be assessed in terms of the minimum criteria specified in Clause C3.1.10.</p>
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# TENDER DATA

C.3.11	<p><b>Evaluating price and preference</b></p> <p>i.     <b>80/20 preference point system for acquisition of goods and services for Rand value equal to or above R2 000 and up to R50 million</b></p> <p>The following formula will be used to calculate thee points out of 80 for price:</p> <p><math>Ps = 80(1 - (Pt - Pm) / Pm)</math></p> <p>Where:</p> <p>Ps is the points scored for price of tender under consideration. Pt is the price of the tender under consideration; and Pm is the price of the lowest acceptable tender.</p> <p>i.     <b>90/10 preference point system for acquisition of goods and services for Rand value above R50 million</b></p> <p>The following formula will be used to calculate the points out of 90 for price:</p> <p><math>Ps = 90(1 - (Pt - Pm) / Pm)</math></p> <p>Where:</p> <p>Ps is the points scored for price of tender under consideration. Pt is the price of the tender under consideration; and Pm is the price of the lowest acceptable tender.</p>
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# Part T2: Returnable Schedules

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# EXPLANATION FOR TECHNICAL SCORING

## **SANRAL – EXPLANATION OF CONSULTANT TENDER EVALUATION SCORING FOR CONVENTIONAL PROJECTS**

**This document does not look at the tenderer's eligibility, compliance and responsive requirements, but merely explains the scoring methodology that is applied to tenders deemed compliant and responsive.**

The criterion for scoring is made up as follows:

<b>Evaluation Criteria</b>	<b>Points</b>
Technical Knowledge	60
Management Knowledge	30
Quality System	10
<b>TOTAL</b>	<b>100</b>

Dependant on the degree of complexity of the type of project and service requirements, the threshold is either a Category 1, 2 or 3, which equates to 65, 70 or 75 respectively. This is decided before the tender is let and is indicated in the tender document.

For breakdown of individual components:

# EXPLANATION FOR TECHNICAL SCORING

NB: **Project type is MSBBR**

## 1. Project Type Relevance

The relevance of the project type is evaluated against a pre-determined key person specific matrix. For a comprehensive list of matrixes please refer to the Consultant Technical Submission Spreadsheet. Below are examples of the matrices for various key Persons:

### PL, CE, RE      Conventional

Project type Experience	Project Type Relevance					
	MO/MA	MP/MS	DS	DI	DN	CD
NONE	0	0	0	0	0	0
MO/MA	5	3	1	1	1	2
MP/MS	5	5	2	2	2	3
DS	5	5	5	3	3	4
DI	5	5	5	5	4	5
DN	5	5	5	5	5	5
CD	4	3	2	2	2	5

# EXPLANATION FOR TECHNICAL SCORING

DS Structures		1	2	3	4	5	6	7
	Project type		MSB	DIB	DNB	MSS	DIS	DNS
	Experience							
1	NONE		0	0	0	0	0	0
2	<b>MSB</b>		5	2	2	5	3	3
3	<b>DIB</b>		5	5	5	5	5	5
4	<b>DNB</b>		5	4	5	5	5	5
5	<b>MSS</b>		3	0	0	5	2	2
6	<b>DIS</b>		4	3	3	5	5	5
7	<b>DNS</b>		4	2	2	5	4	5

The score allocated (out of a maximum 5) from the matrix is then converted down to a maximum score out of two (2) points per project relevancy experience and ten (10) points overall for project type relevancy can be scored.

# EXPLANATION FOR TECHNICAL SCORING

## 2) Period Relevance

For each project experience listed, a point is allocated for the time lapse between the experience gained and the tender closing date. If the experience is within 10 (ten) years of the tender closing a point of 2 (two) is allocated. If the experience is beyond 10 (ten) years but less than 15 (fifteen) years, 1 (one) point is allocated. If the experience is longer than 15 (fifteen) years ago, 0 (zero) points are allocated.

If the experience is less than 6 (six) months, a pro-rata point is allocated to that of the point that would have been achieved as the experience is of a limited duration. Also, specifically for the Route Manager (RM) and Assistant Route Manager (ARM) positions on Routine Road Maintenance (RRM) projects, the point allocation is based on a 3 year project experience. The point is increased, pro-rata, should the project experience be longer than 3 years.

A maximum of 2 (two) points per project period relevancy and 10 (ten) points overall for project period relevancy can be scored for each key person.



# EXPLANATION FOR TECHNICAL SCORING

## Management Knowledge (30)

The same returnable schedules as for the Technical Knowledge is used to evaluate the Managerial Knowledge.

For management knowledge up to 2 (two) areas are evaluated:

2. Client
3. Position Held (only for managerial positions, e.g. PL; CE;~~RE~~)

1. Client

The tender is allocated points for the client the work experience was done for:

CLIENT CODE		POINT
1	Nat. Auth.; Prov or Concessionaire	2
2	Metro, Relevant SOE	1.8
3	Municipality	1.2
4	Private or Other	1

A maximum of 2 (two) points per project client relevancy and 10 (ten) points overall for client relevancy can be scored.



# EXPLANATION FOR TECHNICAL SCORING

## 2) Position Held (only for managerial positions)

This is only used for certain key positions that are expected to perform a managerial function during the contract. The relevance of the position held during the managerial experience against the position that is tendered for is evaluated:

A maximum of 2 (two) points per project position held relevancy (managerial experience) and 10 (ten) points overall for position held relevancy can be scored.

Therefore, a total of 10 (ten) – non-managerial positions, and 20 (twenty) points – managerial positions, can be scored for each key position listed in the tender document. The total for all key positions is totalled and this score is then converted back down into a score out of 30 (thirty) for managerial experience.

# EXPLANATION FOR TECHNICAL SCORING

Managerial Experience							
Position Rq Experience	PL	CE	RE	RM	PL(T)	CE(T)	CM(T)
PL	2	2	2	2	1	1	1
APL	1	1	2	2	0	0	0
DS	1	1	1	1	0	0	0
DA	0	0	0	0	0	0	0
CE	2	2	2	2	0	1	0
ACE	1	1	2	2	0	0	0
RE	1	1	2	2	0	0	0
ARE	1	0	1	1	0	0	0
RM	1	1	1	2	0	0	0
ARM	0	0	0	1	0	0	0
SMT	0	0	1	1	0	0	0
CM	2	2	2	2	0	0	1
SA	1	1	2	2	0	0	0
PL(T)	1	1	1	1	2	2	2
ETS	0	0	0	0	0	0	0
DS(T)	0	0	0	0	1	1	1
CE(T)	1	1	1	1	2	2	2
CM(T)	0	0	1	1	1	1	2
ETS(T)	0	0	0	0	1	1	1
ES	0	0	0	0	0	0	1
MS	0	0	0	0	0	0	1
PE(E)	1	1	1	1	1	1	1
Undefined	0	0	0	0	0	0	0

- PL Project Leader
- APL Alternate Project Leader
- DS Design Specialist
- DA Design Assistant
- CE Contracts Engineer
- ACE Alternate Contracts Engineer
- RE Resident Engineer
- ARE Assistant Resident Engineer
- RM RRM Route Manager
- ARM Assistant Route Manager
- SMT Senior Materials Technician
- CM Contracts Manager
- SA Site Agent
- PL(T) Project Leader (Toll)
- ETS Electronics Systems Engineer
- DS(T) Design Specialist (Toll)
- CE(T) Contracts Engineer (Toll)
- CM(T) Contracts Manager (Toll)
- ETS(T) Electronics Systems Engineer (Toll)
- ES Electrical Systems Engineer
- MS Mechanical Systems Engineer
- PE(E) Project Engineer (Client)

# EXPLANATION FOR TECHNICAL SCORING

## **Quality System (10)**

The quality assurance system offered by the tenderer is evaluated as follows:

For full ISO certification, a tenderer is awarded 10 (ten) points, for a quality assurance system that has been submitted to ISO for certification, but not yet received, 6 (six) points are allocated. If the tenderer's quality assurance system is purely an in-house system, 4 (four) points are allocated.

The total number of points allocated are tallied and a score out of 10 (ten) is awarded.

# Part C1: Agreements and Contract Data

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## C1.2.2: CONTRACT DATA - EMPLOYER

3.11.1	<p>The penalty payable for poor performance will be applied over the full-time duration of the Contract. Penalty charges shall be as follows:</p> <ul style="list-style-type: none"> <li>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.</li> <li>b) Failure to respond within 24 hours to an emergency as requested by the Employer, the Employer will be entitled to charge a penalty of R10 000.00 (<i>Note to compiler: The penalty is to be determined based on the circumstances but shall not be less than R10 000.00 for each instance</i>) for each and every instance. The definition of what constitutes an emergency and what is expected of the Service Provider in terms of a response is given in Part C3 Scope of Work.</li> <li>c) Failure to disclose Sub-contractors = up to 10% of the Contract value.</li> <li>d) Failure to meet the tendered target of work for Targeted Enterprises = 100% of the value by which the cumulative value of payments to the Targeted Enterprises fails to meet the tendered percentage.</li> </ul>
5.1.7	<p>Local Targeted Enterprises from the Eastern Cape Province must participate in a minimum of 1/3 (one third) of the specified percentage of the Contract Price (excluding provisional and prime cost sums and the respective mark-up, but including provision for site supervision staff and the respective mark-up.</p>

## C1.2.2: CONTRACT DATA - EMPLOYER

3.11.1	<p>The Service Provider is required to provide the following insurances:</p> <ol style="list-style-type: none"><li>1. Insurance against Professional indemnity Cover is: <b>R25 million</b> without a limit on the number of claims (The limit of liability is only provided to cover the Employer's damages and does not allow for the Service Provider's costs for defending any claim Period of cover: Structures – <b>25 years: all other instances – 10 years</b></li><li>2. Insurance against general public liability Cover is: <b>R10 million</b> Period of cover: Structures – 25 years: all other instances – 10 years</li><li>3. Third Party Liability Cover is minimum of <b>R25 million</b> .Period of cover: Duration of contract only.</li></ol>
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# C1.2.3: CONTRACT DATA - TENDERER

B: Key Persons	<b>Key Persons</b>	<b>Name</b>	<b>Indicate permanent or not permanent *</b>
	Project Leader		
	Alternate to Project Leader (if applicable)		
	Design Specialist 1: Senior Bridge Engineer		
	Alternate to Design Specialist 1: Senior Bridge Engineer		
	Design Specialist 2: Structural Engineer - Bridges		
	Alternate to Design Specialist 2: Structural Engineer - Bridges		
	Design Specialist 3: Structural Engineer – Bridges		
	Alternate to Design Specialist 3: Structural Engineer – Bridges		
	Works Contract Engineer		
*Attach letter confirming permanent or contract employment or signed letter of consent.			



## C1.2.3: CONTRACT DATA - TENDERER

C: Subcontracting to Targeted Enterprises (Form B7)	<p>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><b>* Note to tenderer: insert percentage as tendered in Form B7.</b></p>
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## Part C3: Scope of Works

## C3.1.3: DESCRIPTION OF THE PROJECT

<b>C3.1.3</b>	<p>The types of services envisaged are detailed below:</p> <ul style="list-style-type: none"><li>• Preventative Services: This involves proactive maintenance of structures or structural elements based on expected degradation as would have been envisaged at the time of design. This may relate to, for example, bearings, expansion joints, corrosion protection, etc.</li><li>• Repair/Rehabilitation Services: This involves the corrective repair or rehabilitation of defects that have arisen on a structure or structural element as a result of poor design or external actions, incidents or events that could not have been envisaged at the time of the design (for example spall repairs).</li><li>• Capacity Improvement Services: This involves the capacity improvement of a structure or structural element. This may relate to, for example, load carrying capacity, traffic capacity or hydraulic capacity</li></ul>
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## C3.1.3: DESCRIPTION OF THE PROJECT

<b>C3.1.3</b>	<p>The types of services envisaged are detailed below:</p> <p>Emergency/Urgent Services: This involves the immediate response to an incident or event that threatens, or may threaten (if not addressed in time) the structural integrity of a structure or structural element, including wash., including washaways of approaches to embankment structures. In these instances, financial loss, loss of life or loss of service is an imminent risk. This service may involve the investigation, structural assessment and reporting related to the event and the subsequent make-safe measures if required. Under this service, the Structural Design Specialist of the Service Provider must be available to respond to a request from the Employer within 24 hours of being notified. what about washaways of approach embankments to structures- this can major part of flood damage in coastal areas.</p>
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## C3.1.3: DESCRIPTION OF THE PROJECT

<b>C3.1.3</b>	<p>The types of services envisaged are detailed below:</p> <ul style="list-style-type: none"><li>• <b>Emergency/Urgent Services:</b> The Service Provider will be deemed to have responded to the Employer within 24 hours of being notified if he/she is able to have inspected conditions on site after the incident/event, made an assessment with regard to structural/operational/human/financial/reputational risks on site and have given verbal feedback to the Employer. It is likely that this service may be followed by the Repair/Rehabilitation Service for the permanent repairs after any make-safe measures, if required, have been implemented.</li><li>• <b>Inspection Services:</b> This involves the identification, inventory and defect inspections of various structural types in accordance to the Visual Assessment Manual (Draft TMH 19) and the Employer's standards. This work will also involve the capturing of the data related to the inspections on the Employer's IT system.</li></ul>
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# C3.1.3: DESCRIPTION OF THE PROJECT

C3.1.3	<p>The types of services envisaged are detailed below:</p> <ul style="list-style-type: none"><li>• General Assessment Services: This involves the inspection, investigation, measurement, testing and/or analysis of structures, structural elements or drainage as a result of a specific need required by the Employer. It will also involve the reporting associated with the assessment.</li></ul> <p>The types of structures that the envisaged services relate to are listed below, but is not limited to:</p> <ul style="list-style-type: none"><li>• Bridges and Tunnels</li><li>• Major Culverts and Lesser Culverts</li><li>• Retaining Walls, Gantries and Ancillary Structures (such as barriers/parapets, light masts, etc).</li></ul>
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### C3.1.3: DESCRIPTION OF THE PROJECT

<b>C3.1.3</b>	<p>The duration of the appointment will be for 5 years, however SANRAL reserves the right to cancel the contract at any time after 3 years of the contract duration has elapsed. The use of the Service Provider's services will be at the discretion of the Employer who reserves the right not to utilise the services of the Service Provider for any or all related work even though such work may fall within the geographic area awarded to the Service Provider. The Service Provider will be engaged by the Employer to undertake various work packages involving the services listed above.</p> <p>It is a requirement of this contract that a COTO/SANRAL certified Senior Bridge Inspector fulfils the role of the Design Specialist position. Proof of certification by means of a copy of the certificate issued is required. The other Key Positions must be filled by suitably qualified and experienced personnel as required in C3.1.10.</p>
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## C3.1.9: PROJECT PROGRAMME

	<b>Project Stage/Phase</b>	<b>Stage/Phase Completion Date</b>
A	Submission of Tenders / Proposals	5 April 2024
B	Appointment of Service Provider	31 Juy 2024
C	Project Hand-over meeting	28 August 2024
D	First Progress meeting	30 September 2024
Z	Contract Completion	31 July 2029

# C3.1.11: PERSONNEL REQUIREMENTS

Position	Minimum Qualification/Registration	Minimum Relevant Experience (years) <sup>3</sup>	Other Requirements
Project Leader	Pr Eng or Pr Tech Eng <sup>1</sup>	10	
Assistant Project Leader	Pr Eng or Pr Tech Eng <sup>1</sup>	<10	In permanent employment of the tendering entity or Targeted Enterprise
Design Specialist	Pr Eng or Pr Tech Eng <sup>1</sup>	10	
Assistant Design Specialist	Pr Eng or Pr Tech Eng <sup>1</sup>	<10	In permanent employment of the tendering entity or Targeted Enterprise
Surveyor	Registered Professional Surveyors, Technologist Surveyors, Technician Surveyors	5	Member of SAGC <sup>7</sup>
Engineering Geologist	Pr Sci.Nat <sup>5</sup>	5	SAIEG <sup>4</sup>
Environmental Practitioner	Refer to sub-service procurement document		
OHS Specialist	Design Phase: SACPCMP <sup>6</sup> registration as a Professional Construction HSE Agent Construction Phase: SACPCMP <sup>6</sup> registration as a Professional Construction HSE Agent or Manager	As required by SACPCMP <sup>6</sup>	
Road Safety Audit Team Leader	Pr Eng or Pr Tech Eng <sup>1</sup>	10	Road safety course (5 CPD) Minimum 2 (two) audits within 3 (three) years
Contract Engineer	Pr Eng <sup>3</sup> or Pr Tech Eng	10	
Assistant Contract Engineer	Pr Eng or Pr Tech Eng <sup>1</sup>	<10	In permanent employment of the tendering entity or Targeted Enterprise
Engineer's Representative (RE)	Pr Eng or Pr Tech Eng <sup>1</sup>	5	
	Pr Technl Eng <sup>3</sup>	10	
Assistant RE	Candidate Technician <sup>1</sup> to Pr Eng <sup>1</sup>	0	
Senior Materials Technician	None specified	20	
	National Diploma in civil engineering	10	
	Pr Technl Eng <sup>1</sup>	5	
Materials Technician	None specified	10	
	National Diploma in civil engineering	5	
	Pr Technl Eng <sup>1</sup>	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"><li>• Investigation for Design Development</li><li>• Design Development stage</li><li>• Tender Documentation</li><li>• Clarification Meeting, Tender Period &amp; Tender Evaluation</li><li>• Administration and Monitoring of the Works</li><li>• Additional duties, special services and specialist advice</li><li>• Quality control</li><li>• Close out</li></ul> <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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# Part C4: Site Information

## C.4.2 ROAD NETWORK INFORMATION OF THE SOUTHERN REGION

The Southern Region road network of SANRAL consists of the following routes:

1. N2, Section 9 (Storms River) to Section 20 (Kokstad)
2. N6, Section 1 (East London, Nahoon) to Section 5 (Aliwal North)
3. N9, Section 3 (Willowmore) to Section 7 (Noupoort, Northern Cape)
4. N10, Section 1 (N10/N2 Nanaga intersection) to Section 4 (Middleburg)
5. R56, Section 1 (Middleburg) to Section 8 (KZN border)
6. R58, Section 1 (Western Cape border) to Section 7 (Engcobo)
7. R61, Section 1 (Western cape border) to Section 10 (Mtamvuna River), inclusive of Section 8X (Mzimbuvu river to R61/N2 intersection)
8. R62, Section 6 (Joubertina) to Section 8 (Humansdorp)
9. R63, Section 7 (Western Cape border) to Section 16 (Komga, R63/N2 intersection)
10. R67, Section 2 (Makanda) to Section 5 (Komani)
11. R72, Section 5 (Nanaga) to Section 4 (East London)
12. R75, Section 1 (Gqeberha to Section 4 (Graaff Reinet)
13. R335 Section 1 Motherwell to Addo
14. R336, Section 1 Kirkwood to Addo
15. R342 Section 1 Addo to Paterson
16. R390, Section (Cradock) to Section 4 (Steynsburg)
17. R391, Section 2 Henning to Burgersdorp
18. R392, Section 1 Queenstown to Bonkolo
19. R396, Section 6 Maclear to Tsolo
20. R410 Section 1 (Bonkolo) to Section 3 (Quiba)
21. R411, Section 1 (Viedgesville to Coffee Bay)
22. R415, Section (Matatiele to Qachasnek)
23. Any other National Road or a Section of National Road thereof which maybe added onto the Road Network of SANRAL, Southern Region.

ANY QUESTIONS?

SEND QUESTIONS TO :

[PROCUREMENTSR4@SANRAL.CO.ZA](mailto:PROCUREMENTSR4@SANRAL.CO.ZA) SUBJECT: X.003-080-2024/1F

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