

**TENDER CLARIFICATION BRIEFING
MEETING FOR
EMERGENCY BRIDGE REPAIR WORKS
(REPAIR OF BRIDGES ALONG THE N2
SECTION 16)**

SANRAL



07.11.2022 11:40

BUILDING SOUTH AFRICA
THROUGH BETTER ROADS



DETAILS OF TENDER CLARIFICATION BRIEFING MEETING

Contract No.	SANRAL X.003-022-2018/1 – C6
Description	FOR AD-HOC STRUCTURAL AND DRAINAGE SERVICES IN THE SOUTHERN REGION – EMERGENCY BRIDGE REPAIR WORKS (REPAIR OF BRIDGES ALONG THE N2 SECTION 16)
SANRAL Region	Southern Region
Meeting Format	A non-compulsory clarification briefing meeting will be held via a virtual platform on Tuesday, 22 August 2023 at 11:00 where the project will be presented



Part T1: Tendering Procedures

T1.1: TENDER NOTICE AND INVITATION TO TENDER

Description	REPAIR OF BRIDGES ALONG THE N2 SECTION 16
Location	This project is in the province of Eastern Cape in the district municipality of Amathole and local municipalities of Buffalo City and Great Kei
Duration	The approximate programme is 12 months which includes 3 Months for the Mobilisation Period
Eligibility	Only tenderers who are registered on the National Treasury Central Supplier Database and meet the minimum requirements for the key persons as stipulated in Clause C.2.1 at the tender closing date, are eligible to tender.

T1.1: TENDER NOTICE AND INVITATION TO TENDER

Tender Documents	<p>Tender documents are available from Friday, 11 August 2023 at no cost in electronic format downloaded from the SANRAL's website by the following link: https://www.nra.co.za/service-provider-zone/tenders/open-tenders/</p> <p>Tenderers must have access to Microsoft © Office 2013 and Acrobat Adobe © 9.0 or similar compatible software.</p>
Form A1.1	<p>Tenderers must submit, via email, the duly completed Form A1.1 Certificate of Intention to Submit a Tender prior to Friday, 18 August 2023 . Failure to submit this certificate would result in the tenderer not receiving addenda or additional issued information and may result in the tenderer being non-responsive.</p>
Clarification Briefing Presentation	<p>A tender clarification briefing presentation is available to be downloaded from the SANRAL website at the following link https://www.nra.co.za/service-provider-zone/tenders/open-tenders/.</p>

T1.1: TENDER NOTICE AND INVITATION TO TENDER

Clarification meeting	A non-compulsory clarification briefing meeting will be held via a virtual platform on Tuesday, 22 August 2023 at 11:00 where the project will be presented. A link to the clarification briefing meeting will be sent to tenderers who complete and submit a Certificate of Intention to Submit a Tender (Form A1.1).
Closing Time	The closing time and date for receipt of tenders is 11h00 on Friday, 15 September 2023 .
Completion and Delivery	Telegraphic, telephonic, telex, e-mail, facsimile and late tenders will not be accepted. Tenders may only be submitted in the format as stated in the Tender Data. Requirements for completing, sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.
Tender Queries	Queries relating to issues arising from these documents may be addressed to: e-mail: ProcurementSR6@sanral.co.za

T1.2: CONDITIONS OF TENDER

Conditions of Tender	The conditions of tender are the standard conditions of tender as contained in Annexure C of the CIDB STANDARD FOR UNIFORMITY IN ENGINEERING AND CONSTRUCTION WORKS CONTRACTS as per Government Notice No. 423 published in Government Gazette No. 42622 of 08 AUGUST 2019 and as amended from time to time. (see www.cidb.org.za).
Available from	https://www.cidb.org.za/wp-content/uploads/2021/07/Standard-for-Uniformity-August-2019.pdf

T1.2: TENDER DATA

C2.1

Eligibility

Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

a) CIDB registration

Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a **7CE class of construction work**, are eligible to have their tenders evaluated.

b) National Treasury Central Supplier Database

Tenderers, or in the event of a joint venture, each member of the joint venture, must 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 tender will be declared non-responsive.

T1.2: TENDER DATA

C2.1	<p>The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:</p> <p>Location of tender box: The Reception Area, South African National Roads Agency (Southern Region)</p> <p>Physical Address: South African National Roads Agency (Southern Region) 20 Shoreward Drive Baywest Gqeberha 6025</p> <p>Identification details: Place the completed tender loaded onto a flash drive in a package marked with the tenderer's company name, the project number and description:</p> <p>SANRAL X.003-022-2018/1 – C6: FOR AD-HOC STRUCTURAL AND DRAINAGE SERVICES IN THE SOUTHERN REGION – EMERGENCY BRIDGE REPAIR WORKS (REPAIR OF BRIDGES ALONG THE N2 SECTION 16)</p> <p>Tenders must be submitted during hours (09:00 to 16:00) Monday to Friday at the Employer's address.</p>
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T1.2: TENDER DATA

C.2.15.2	<p>The closing time for submission of tender offers is The closing time for receipt of tenders is 11h00 on Friday, 15 September 2023.</p> <p>Should the closing date be extended, documents that were valid at the original closing date, will remain valid for the extended closing date.</p>
C.3.1 C.3.1.1	<p>Respond to requests from the tenderer</p> <p>The employer shall respond to clarifications received up to 12 (twelve) working days before tender closing date.</p>
C.3.2	<p>Issue Addenda</p> <p>The employer shall issue addenda until 10 working days before tender closing date.</p>
C.3.4 C.3.4.1	<p>Opening of tender submissions</p> <p>The time for opening of the tender offer via live streaming are: Time: 11h00 on Friday, 15 September 2023.</p> <p>Location: The tender opening can be viewed by live streaming; tenderers will be invited to a Teams meeting tender opening as per their Form A1.1 contact details</p>

T1.2: TENDER DATA

Evaluation of tender offers

Specific goals	Criteria	10 points		20 points	
		Point allocation	Max points	Point allocation	Max points
B-BBEE level scorecard of the tendering entity.	B-BBEE Level 1	1,00	1	2.00	2
	B-BBEE Level 2	0,90		1.80	
	B-BBEE Level 3	0,60		1.20	
	B-BBEE Level 4	0,50		1.0	
	B-BBEE Level 5	0,40		0.80	
	B-BBEE Level 6	0,30		0.60	
	B-BBEE Level 7	0,20		0.40	
	B-BBEE Level 8	0,10		0.20	
	Non-compliant contributor	0		0	
*Percentage black ownership of the tendering entity.	< 51 % black ownership	0	5	0	10
	≥ 51 to < 70 % black ownership.	1		2	
	≥ 70 to < 100 % black ownership.	2		4	
	100 % black ownership	5		10	
B-BBEE size of the tendering entity	Exempted Micro Enterprise (EME)	4	4	8	8

Part T2: RETURNABLE SCHEDULES

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FORM D4.2: TENDERER'S KEY PERSONNEL EXPERIENCE (CONTRACTS MANAGER)

- Ensure that the proposed Contracts Manager **meets the prescribed minimum requirements** (8 years experience, and registration as SACPCMP, PrCM, PrEng, PrTechEng or PrTechni).
- Provide a CV with details of the proposed Contracts Manager's professional registration, years of experience and list projects that demonstrate managerial experience in the required role.
- Ensure that the proposed Contracts Manager has an **active registration status at tender close** and provide proof thereof.
- If the proposed Contracts Manager is not a permanent employee of the tenderer, a **letter of consent / signed undertaking** is required. Note the requirements of Form D4.2.



FORM D5.1: TENDERER'S EXPERIENCE BASED ON COMPLETED PROJECTS

- List details of only the **3 most relevant and completed projects**.
- Listed projects should have a **similar scope of works to the subject project** (bridges or similar structures repaired / rehabilitated).
- CIDB Performance Reports **for each of the listed projects** is required and should have a Performance Rating not less than 0 (Adequate) in all cases.
- Each of the projects listed should have a **minimum value that exceeds R13,5mil** and have been **completed within the last ±10 years (From Jan 2013 – Current)**.



FORM D5.2: TENDERER'S EXPERIENCE BASED ON PROJECTS IN PROGRESS

- List details of only the **3 most relevant projects in progress**.
- Listed projects should have a **similar scope of works to the subject project** (bridges or similar structures repaired / rehabilitated).
- Performance Rating and certified value of work at closing date must be confirmed by the Project Employer or Project Engineer in writing.
- Each of the projects listed should have **a minimum value that exceeds 80% of award value AND exceeds R13,5mil** at tender close.

Part C1: Agreements and Contract Data

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C1.2.2: CONTRACT DATA - EMPLOYER

Clause 1.1.3.3: Time for Completion

- **12 months** maximum (**including** December – January shut-down period);
- **3 months** Mobilisation period;
- **9 months** Execution period.

Clause 1.1.3.7: Defects Notification Period

- **12 calendar months.**

Clause 4.2: Performance Security

- **One (1)** Performance Security **totaling 10%** of the Accepted Contract Amount (excluding VAT)

C1.2.2: CONTRACT DATA - EMPLOYER

Clause 4.3: Contractors Representative / Key Personnel – **Contracts Manager**

- Single point accountability and responsible for the management of the construction works;
- Minimum requirements: **8 years** and registered as **SACPCMP, PrCM, PrEng, PrTech,** or **PrTechni** (Form D4.2)
- Where the Contracts Manager will not be employed on the Works full time, his powers will be delegated to the approved **Construction Manager**.

C1.2.2: CONTRACT DATA - EMPLOYER

Clause 6.5: Special non-working days

- All designated public holidays;
- Statutory declared election days;
- Annual shut-down period;
- Day before Easter weekend;
- Day of State school term closure and day prior to State school term start;
- Sundays; and
- Between sunset and sunrise.

Clause 8.3(m): Accommodation of traffic restrictions

Bridges B4084 and Bridge B1264 may not be worked on concurrently as well as bridges B910 and B1265 due to their close proximity

C1.2.2: CONTRACT DATA - EMPLOYER

Clause 8.7: Delay damages and other non-compliance charges

- Penalty for late completion – **R20 000 per calendar day**;
- Accommodation of Traffic - **R20 000 per event** and **R2 000 per hour**;
- Contract Participation Targets;
- Subcontracting without disclosure or non-compliance with subcontract agreement – **up to 10% of Contract Price**.

Clause 14.3: Retention Money

- **10%** of value of completed work up to max 5% of the Accepted Contract Amount (Including VAT);

C1.2.2: CONTRACT DATA - EMPLOYER

Clause 14.6: Minimum amount of Interim Payment Certificates

- **R500 000.00** excluding payments during the Mobilisation Period;

Clause 18.3: Insurance cover for Injury to persons and Damage to Property

- **R20 000 000.00**

Clause 20.2: Appointment of DAB

- **1 member DAB** (20 years, Pr.Eng or Pr.Tech Eng) appointed no later than 30 days after a dispute arises

C1.2.2: CONTRACT DATA - EMPLOYER

Clause D1003: **Contract Participation Goals (CPG)**

CPG for Targeted Labour:

- Target Area: Buffalo City Metropolitan Municipal Area and Great Kei Local Municipal Areas
- Targeted Labour: Minimum 6% of Final Contract Value
- Target Groups:
 - 30% of target value – Black Youth
 - 0.3% of target value – Black people with disabilities
 - 30% of target value – Black Women

C1.2.2: CONTRACT DATA - EMPLOYER

Clause D1003: **Contract Participation Goals (CPG)** *(continued)*

CPG for Targeted Enterprises:

Minimum 40% of Final Contract Value for Non-EME Companies. No mandatory subcontracting requirements for EME.

- Total Targeted Enterprises:

- | | |
|--|---------------------|
| ➤ Targeted Enterprise with ≥51% ownership by Youth:
Contract Value | Minimum 5% of Final |
| ➤ Targeted Enterprise with ≥51% ownership by Women:
Contract Value | Minimum 5% of Final |
| ➤ Targeted Enterprise with ≥51% ownership by Military veterans:
Contract Value | Minimum 1% of Final |
| ➤ Targeted Enterprise with ≥51% ownership by Disabled persons:
Final Contract Value | Minimum 0.5% of |
| ➤ Targeted Enterprise with CIDB 1 or 2 grading:
Final Contract Value | Minimum 1.5% of |
| ➤ Targeted Enterprise with CIDB 3 or 4 grading:
Final Contract Value | Minimum 1.5% of |



Part C3: Scope of Works

Part C3: Scope of Works

PROJECT OVERVIEW

LOCALITY PLAN

The project is located on the N2 Section 16 between Mdantsane and the Great Kei River.



PROJECT OVERVIEW

SITE DESCRIPTION

The site encompasses sections of road reserve of the N2 affected by the repairs required for each of the seven (7) structures that falls within the limits of the required traffic accommodation plan.

The seven (7) bridges that require repairs and refurbishment of various elements are located as follows:

No	Route	Km Distance	Co-ordinates		Bridge Number	Bridge Description
			Latitude	Longitude		
1	N2/16	01.46	-32.944393	27.790669	B1244	Beaufields Road
2	N2/16	12.29	-32.970769	27.885442	B1252	Abbattoir
3	N2/16	17.70	-32.952091	27.931848	B4084	Bonza Bay Road
4	N2/16	23.40	-32.919084	27.976114	B1264	Gonubie River
5	N2/16	26.46	-32.898484	27.986890	B910	Farmers Hall
6	N2/16	28.70	-32.878668	27.985213	B1265	Emerald Hill
7	N2/16	80.22	32:30:31.6542	27:58:48.4104	B149	Great Kei River

PROJECT OVERVIEW

SCOPE OF WORKS

BRIDGE B1244 – ROUTE N2/16 AT KM 1.46

The Beaufields Road Bridge, Bridge B1244 crosses the N2 Section 16 at approximately km 1.46 and consists of four continuous spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Clean deck and remove vegetation
2	Repair local spalls along deck edge and parapets
3	Repair and seal cracks to deck edge and abutments
4	Seal expansion joints
5	Apply approved cementitious barrier coating, if signs of ASR are found, treat with silane
6	Scan deck with ground penetrating radar (GPR) to determine the presence and location of deck voids and provide drainage to voids if present

PROJECT OVERVIEW

SCOPE OF WORKS

BRIDGE B1252 – ROUTE N2/16 AT KM 12.29

The Abbatoir Bridge, Bridge B1252 crosses the N2 Section 16 at approximately km 12.29 and consists of four continuous spans.



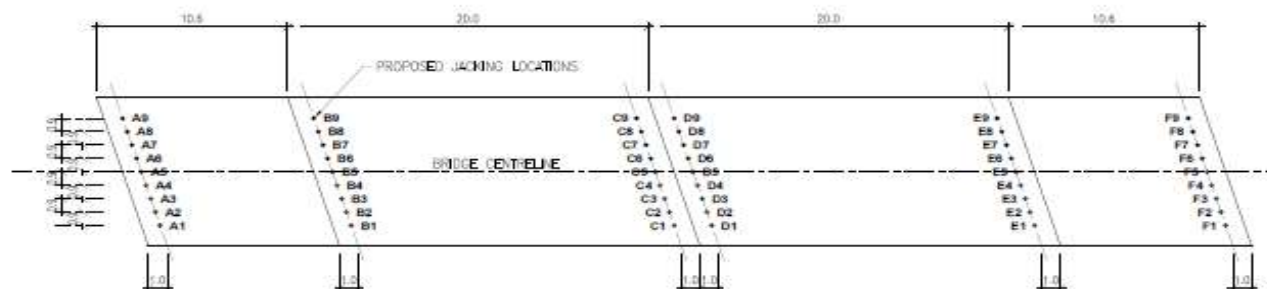
The remedial works that are envisaged are listed here below.

Item	Works Item
1	Jack up bridge and replace elastomeric bearings
2	Refurbish or replace directional guides
3	Repair water pipe and seal water leaks - pressure clean abutments
4	Seal all visible cracks
5	Repair damaged sidewalks
6	Replace expansion joint
7	Repair local damage to road surface

PROJECT OVERVIEW

SCOPE OF WORKS – Bearing Replacement and Jacking Details

LIFTING AND BEARING REPLACEMENT



Location	A1/F9	A2/F8	A3/F7	A4/F6	A5/F5	A6/F4	A7/F3	A8/F2	A9/F1
DL	122	80	74	71	70	69	69	74	122
NA _{max}	57	82	85	86	81	86	85	83	61
60% of NA _{max}	35	50	51	52	49	52	51	50	37
EST JACKING FORCE	157	130	125	123	119	121	120	124	159
Location	B1/E9	B2/E8	B3/E7	B4/E6	B5/E5	B6/E4	B7/E3	B8/E2	B9/E1
DL	401	302	288	283	283	285	291	306	413
NA _{max}	153	154	155	151	138	150	154	153	158
60% of NA _{max}	92	93	93	91	83	90	93	92	95
EST JACKING FORCE	493	395	381	374	366	375	384	398	508
Location	C1/D9	C2/D8	C3/D7	C4/D6	C5/D5	C6/D4	C7/D3	C8/D2	C9/D1
DL	299	203	189	184	180	176	173	170	214
NA _{max}	197	172	165	157	147	156	162	167	186
60% of NA _{max}	119	104	99	95	89	94	98	101	112
EST JACKING FORCE	418	307	288	279	269	270	271	271	326

INDICATIVE JACKING VALUES (kN)

BEARING SCHEDULE							
POSITION	No OFF	VERTICAL LOADS			MAX HORIZONTAL LOAD (kN)	MAX HORIZONTAL DISPLACEMENT (kN)	
		DEAD LOADS (kN)	MAX. LOAD (kN)	MIN. LOAD (kN)		LONGITUDINAL (mm)	TRANSVERSE (mm)
ABUTMENT A & E							
A1- A9 & E1- E9	18	87	151	28	5	3.5	
PIER B & D							
B1- B9 & D1- D9	18	443	631	302	5	3.5	
PIER C							
C1- C9	9	536	744	139	5	3.5	

NOTES

1. THE PROPOSED METHODOLOGY SHOULD ONLY BE TAKEN AS A GUIDE. THE CONTRACTOR SHALL AVAL HIMSELF OF THE CONDITIONS ON SITE.
2. THE CONTRACTOR SHALL SUBMIT A DETAILED METHOD STATEMENT INCLUDING DETAILS OF TEMPORARY WORKS, DESIGNED BY A SUITABLY QUALIFIED COMPETENT PERSON.
3. THE INDICATIVE JACKING FORCES ARE BASED ON MEASUREMENTS ON SITE AND ACTUAL VALUES MAY DIFFER. TRAFFIC WILL BE USING THE BRIDGE DURING JACKING. THE SPEED OF THE TRAFFIC SHALL BE REDUCED AND IT SHALL BE ENSURED THAT NO CONGESTION OCCURS DURING JACKING. THE JACKING FORCE MAY HAVE TO ACCOMMODATE UP TO 60% OF FULL NA LOADING.

PROPOSED BEARING REPLACEMENT METHODOLOGY

STAGE 1

- 1.1. REMOVE EXISTING EXPANSION JOINTS IN HALF WIDTHS.
- 1.2. ENSURE THAT THE JOINT BETWEEN THE DECK AND THE BALLAST WALL IS CLEAN AND ALLOWS FREE MOVEMENT OF THE DECK.

STAGE 2

- 2.1. RAISE THE DECK AT ALL SUPPORT LOCATIONS SIMULTANEOUSLY.
- 2.2. IT IS FORESEEN THAT THE JACKS WILL BE PLACED ON TEMPORARY SUPPORTS FOUNDED ON THE EXISTING BRIDGE FOUNDATIONS.
- 2.3. LIMIT THE SPEED OF TRAFFIC TO BELOW 60km/h AND LIMIT THE NUMBER OF VEHICLES USING THE BRIDGE AT ANY ONE TIME TO ENSURE NO CONGESTION DURING JACKING AND RAISE THE DECK SUFFICIENTLY TO REMOVE THE EXISTING BEARINGS.
- 2.4. SUPPORT THE DECK ON TEMPORARY BEARINGS AT THE REQUIRED LEVEL.
- 2.5. PROVIDE TEMPORARY ASPHALT RAMP TO ALLOW TRAFFIC TO USE THE BRIDGE AT REDUCED SPEED.
- 2.6. CLOSE THE SHOULDERS OF THE BRIDGE TO ONLY ALLOW TWO LANES OF TRAFFIC BEFORE OPENING THE ROAD.
- 2.7. REPEAT STEPS 2.1 TO 2.6 FOR THE REMAINING ABUTMENTS.

STAGE 3

- 3.1. WHILE THE BRIDGE IS SUPPORTED ON TEMPORARY SUPPORTS, THE EXISTING BEARINGS CAN BE REMOVED.
- 3.2. THE BEARING SEATINGS SHALL THEN BE PREPARED FOR REPLACEMENT BEARINGS. PLEASE NOTE THAT THE PUNTS MAY HAVE TO BE DEMOLISHED TO CREATE ROOM FOR THE NEW BEARINGS.
- 3.3. THE TOP LEVEL OF THE NEW BEARINGS SHALL BE WITHIN 1mm OF THE EXISTING BEARINGS.
- 3.4. AFTER THE NEW BEARINGS ARE IN PLACE, A THIN LAYER OF EPOXY MORTAR SHALL BE PLACED ON TOP OF THE BEARING, BEFORE THE DECK IS LOWERED DURING ANOTHER ROAD CLOSURE FOR A CHOSEN ABUTMENT.
- 3.5. THE DECK SHALL BE LOWERED UNTILL THE EPOXY MORTAR IS SQUEEZED OUT ALL AROUND. THE DECK SHALL THEN BE SUPPORTED AT THIS LEVEL UNTIL THE MORTAR HAS GAINED SUFFICIENT STRENGTH. THIS IS TO ACCOMMODATE SURFACE IRREGULARITIES AND ENSURE EQUAL LOAD DISTRIBUTION.
- 3.6. REMOVE TEMPORARY ASPHALT RAMPS AND OPEN BRIDGE TO TRAFFIC.

PROJECT OVERVIEW

SCOPE OF WORKS

B4084 – ROUTE N2/16 AT KM 17.7

The Bonza Bay Road Bridge, Bridge B4084 (also referenced B1260 / 4570 in some documentation) crosses the N2 Section 16 at approximately km 17.7 and consists of four simply supported spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Repair road surfacing
2	Replace bridge expansion joints
3	Seal all visible cracks
4	Repair local spalls
5	Remove metal handrail and replace with precast concrete parapets
6	Coat deck and parapets with approved barrier coating
7	Clean abutments with high pressure water jetting and treat with approved barrier coating. If signs of ASR are found, treat with silane

PROJECT OVERVIEW

SCOPE OF WORKS

B1264 – ROUTE N2/16 AT KM 23.40

The Bridge B1264, located on the N2 Section 16, crosses the Gonubie River at approximately km 23.40 and consists of four continuous spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Repair and seal cracks in abutments and parapets
2	Remove vegetation from top of piers
3	Replace existing expansion joints with asphaltic plug type joints
4	Replace existing expansion joints at approach slab ends with buried type joints
5	Remove vegetation and debris from waterway
6	Repair / replace damaged parapet by removing complete existing top rail of damaged parapet and replace with precast top rail
7	Scan deck with ground penetrating radar (GPR) to determine the presence and location of deck voids and provide drainage to voids if present
8	Coat exposed concrete surfaces with an approved barrier coating

PROJECT OVERVIEW

SCOPE OF WORKS

B0910 – ROUTE N2/16 AT KM 26.46

The Farmers Hall Bridge, Bridge B910 (R102) crosses the N2 Section 16 at approximately km 26.46 and consists of three simply supported spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Repair road surfacing at approaches
2	Replace joints with asphaltic plug expansion joints
3	Clean abutments and piers with high pressure water jetting
4	Seal all visible cracks and spalls
5	Treat abutments and piers with approved barrier coating. If signs of ASR are found, treat with silane
6	Clean parapets with high pressure water jetting before repairing spalls and cracks
7	Coat parapets with approved barrier coating
8	Repair impact damage and visible spalls
9	Fix guardrails to end blocks

PROJECT OVERVIEW

SCOPE OF WORKS

B1265 – ROUTE N2/16 AT KM 28.70

The Emerald Hill Bridge, Bridge B1265 crosses the N2 Section 16 at approx. km 28.70 and consists of three continuous spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Repair road surfacing at approaches
2	Resurface deck
3	Replace joints with asphaltic plug expansion joints
4	Clean abutments and piers with high pressure water jetting
5	Seal all visible cracks and repair local spalls
6	Treat abutments and piers with approved barrier coating. If signs of ASR are found, treat with silane
7	Clean parapets with high pressure water jetting before repairing spalls and cracks
8	Coat parapets with approved barrier coating
9	Repair impact damage and visible spalls

PROJECT OVERVIEW

SCOPE OF WORKS

B149 – ROUTE N2/16 AT KM 80.22

National Route 2, Section 16 crosses the Great Kei River at approximately km 80.22 and consists of sixteen simply supported spans.



The remedial works that are envisaged are listed here below.

Item	Works Item
1	Replace accident damaged precast concrete balustrade and damaged guardrail
2	Repair damaged concrete to lower portion of parapet
3	Repair and coat parapets



Project Specifications

VOLUME 3 – PRICING SCHEDULE

PRICING SCHEDULE – Part C2.2

- An **Excel version** of the Pricing Schedule is included to **assist** tenderers.
- No responsibility can be accepted for any possible errors in the summation or calculations that may occur within the spreadsheet. Tenderers are required to satisfy themselves that calculations are correct.
- A printout of the entire completed pricing schedule must be signed, scanned, and saved in .pdf format, and an electronic copy of the Pricing Schedule must be saved in Excel format.
- The **signed .pdf copy will be deemed to be the official schedule.**
- Price items carefully and read Project Specifications for understanding of work to be undertaken and included in payment items.

VOLUME 3 – PRICING SCHEDULE

PRICING SCHEDULE – Part C2.2

SCHEDULE A: General

SCHEDULE B: Repair Works

Part 1: Bridge B1244 AT N2/16 KM 1.46

Part 2: Bridge B1252 AT N2/16, KM 12.29

Part 3: Bridge B4084 AT N2/16, KM 17.70

Part 4: Bridge B1264 AT N2/16, KM 23.40

Part 5: Bridge B0910 AT N2/16, KM 26.46

Part 6: Bridge B1265 AT N2/16, KM 28.70

Part 7: Bridge B149 AT N2/16, KM 80.22

SCHEDULE D: Stakeholder and Community Liaison, and Targeted Labour and Targeted Enterprises and Development



VOLUME 3 – SPECIFICATIONS

Part C3

SECTION A1:	Standard Amendments issued by COTO
SECTION A2:	Project Specification Amendments to the COTO Standard Specifications
SECTION B:	Specification Data
SECTION C:	Environmental Management Plan
SECTION D:	Stakeholder and Community Liaison, and Targeted Labour and Targeted Enterprises and Development
SECTION E:	Requirements of the Occupational Health and Safety Act and Regulations

VOLUME 3 – SPECIFICATIONS

Part C3

- **Clause A1.2.3.4 (COTO and Section B)** deals with the extension of time for inclement weather delays to the critical path. Note **N days = 21** and consequential delays expressly excluded from measurement of N days.
- **Clause A1.2.3.5 (COTO and Section B)** deals with the Contractors maintenance responsibility during construction.
- **Clause A1.2.7.1 (COTO and Section B)** deals with the requirements for the Programme of Works.
- **Clause A1.5.7 (COTO and Section B)** deals with Traffic Accommodation
- **Clause C1.5.7.12 (COTO)** outlines the responsibilities and requirements for the Traffic Safety Officer. Note a full time TSO and traffic control vehicle will be required.

VOLUME 3 – SPECIFICATIONS

Part C3

- COTO Chapter 8 deals with repairs to the existing road surface
- COTO Chapter 11 deals with ancillary road items such as gabions, stone pitching, guardrails
- COTO Chapter 13 deals with the manufacture of Precast Concrete Parapets, Bearings and Joints
- COTO Chapter 14 deals with the repairs to Concrete Structures
- Section D deals with Stakeholder and Community Liaison, and Targeted Labour and Targeted Enterprises and Development



ANY QUESTIONS?

SEND QUESTIONS TO :

PROCUREMENTSR6@SANRAL.CO.ZA

SUBJECT: X.003-022-2018/1-C6

**(QUESTIONS MUST REACH SANRAL UP TO TWELVE (12) WORKING DAYS
BEFORE THE TENDER CLOSING DATE.)**