

CONTRACT SANRAL N.002-300-2020/1

PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL
ROUTE 2 SECTION 30 FROM BUSHVELD RETREAT FARM
(km 47.0) TO HLUHLUWE INTERCHANGE (km 55.0)

TENDER CLARIFICATION PRESENTATION

27 MARCH 2024

11:00

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BUILDING SOUTH AFRICA
THROUGH BETTER ROADS

CONTENTS

1. LOCALITY
2. ENVISAGED PROGRAMME
3. TENDER PROCEDURES
4. SCOPE OF WORKS
 - ROADWORKS
 - STRUCTURES
 - ANCILLARY WORKS

LOCALITY

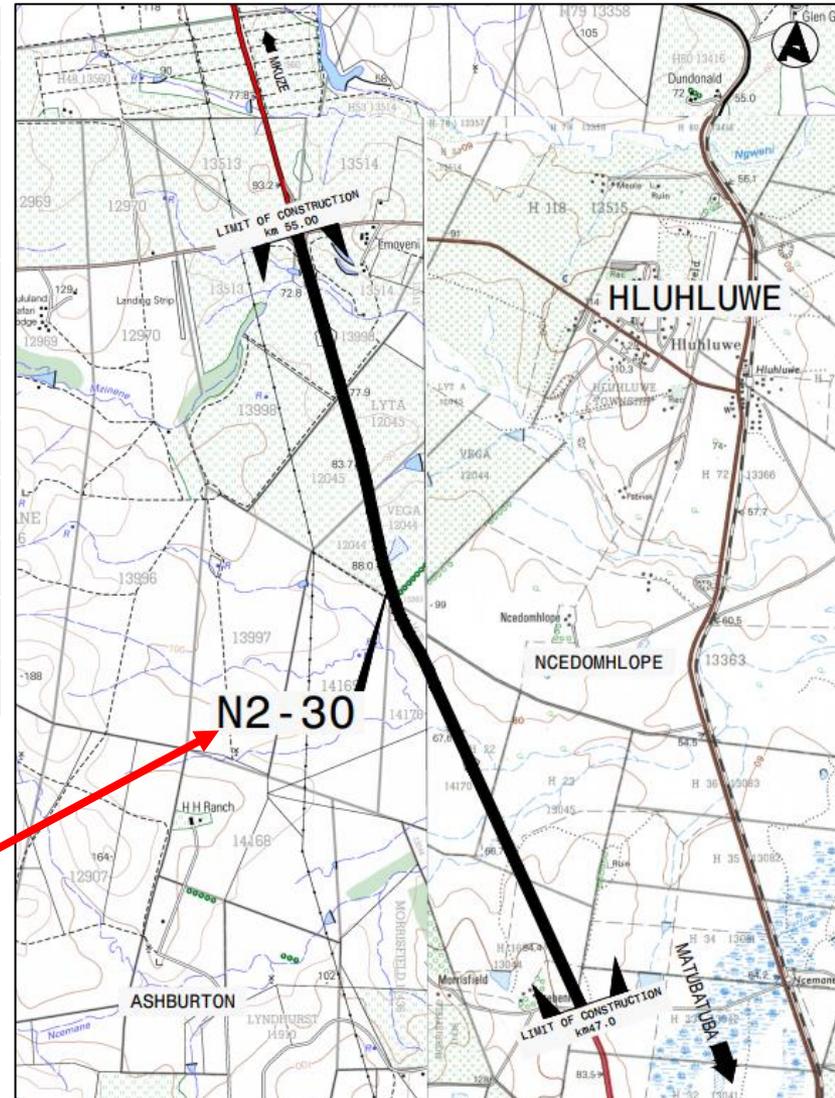
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**BUILDING SOUTH AFRICA
THROUGH BETTER ROADS**

INTRODCUTION

PROJECT	CONTRACT SANRAL N.002-300-2020/1
DESCRIPTION	PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2 SECTION 30 FROM BUSHVELD RETREAT FARM (km 47.0) TO HLUHLUWE INTERCHANGE (km 55.0)
MUNICIPALITY	UMKHANYAKUDE DISTRICT MUNICIPALITY BIG 5 HLABISA LOCAL MUNICIPALITY
PROVINCE	KWAZULU-NATAL
TENDER CLARIFICATION	27 MARCH 2024
TENDER ADVERT DATE	15 MARCH 2024
TENDER CLOSURE	26 APRIL 2024
FORM A1.1	25 MARCH 2024
PROCUREMENT:	ProcurementER3@sanral.co.za



ENVISAGED PROGRAMME

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ENVISAGED PROGRAMME

- PROJECT DURATION
 - 3 MONTHS MOBILISATION
 - 7 MONTHS CONSTRUCTION
- PROJECT START
 - 03 JUNE 2024
- PROJECT COMPLETION
 - 28 MARCH 2025

Task Name	Start	Finish
Mobilisation	Mon 03/06/2024	Sat 31/08/2024
Phase 1 – Section 2 (km 49,0 to km 50,4)	Mon 02/09/2024	Fri 13/12/2024
Phase 2 – Section 1 (km 47,0 to 49,0)	Mon 28/10/2024	Fri 13/12/2024
Phase 3 – Section 3 (km 50,4 to km 55,0)	Sat 15/01/2025	Fri 28/02/2025
Finishing of Road Reserve	Mon 03/03/2025	Fri 28/03/2025
De-establishment	Mon 24/03/2025	Fri 28/03/2025

TENDER PROCEDURE

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TENDER PROCEDURES

- **IMPORTATNAT TENDER DATA:**

- Only tenderers who are registered on the National Treasury Central Supplier Database as stated in the Tender Data C.2.1.1, are eligible to tender.

The Standard Conditions of Tender may be downloaded from the CIDB website on the following link:

https://www.gov.za/sites/default/files/gcis_document/201908/42622gen423.pdf

- CIDB: 8CE OR HIGHER
- It is a requirement of this project that the successful tenderer subcontract a minimum of thirty percent (30 %) of the work by the end of the contract to Targeted Enterprise(s) as defined in the Contract Data.
- TENDER DOCUMENTS: SANRAL's website by the following link:
https://www.nra.co.za/sanraltenders/status?region_id=national .
- Tenderers must submit, via email, the duly completed Form A1.1 Certificate of Intention to Submit a Tender prior to **25 March 2024**.
- The closing time for receipt of tenders is **11:00 on Friday, 26 April 2024**.
- Tenders may only be submitted in the format as stated in the Tender Data.
- Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.
- Queries relating to issues arising from these documents may be addressed to: E-mail: ProcurementER3@sanral.co.za
- Submission of Queries = Twelve (12) working days prior to tender closing.

TENDER PROCEDURES

- **IMPORTATNAT TENDER DATA:**

- The Employer's address for communication relating to this project is:

THE REGIONAL MANAGER (EASTERN REGION)
THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
58 VAN ECK PLACE
MKONDENI
PIETERMARITZBURG
3201

- **FORM A1.1 CERTIFICATE OF INTENTION TO SUBMIT A TENDER**

- The duly completed certificate of intention to submit a tender must be submitted by whoever intends to tender for this particular tender prior to **25 March 2024**. Failure to submit the certificate of intention to tender within the required period may render the tenderer non-responsive and SANRAL does not accept responsibility for any communication not received by the tenderer timeously.
- Opening of tender submissions - **One Envelope**: The time for opening of the tender offers via live streaming or at offices are:
 - **Time: 11h00, Date: 26 April 2024, Location: THE REGIONAL MANAGER (EASTERN REGION),**
 - **Link: Will be confirmed.**

TENDER DOCUMENTS:

- BOOK 1
- BOOK 2
- BOOK 3
- VOLUME 4 – DRAWINGS



PLEASE NOTE:

THE SIGNATURE ON THE DULY COMPLETED AND SIGNED FORM A1 SHALL BE CONSIDERED PROOF THAT THE TENDERER ATTENDED THE WHOLE CLARIFICATION BRIEFING SESSION AND CLEARLY UNDERSTOOD ALL DIRECTIVES AND CLARIFICATIONS GIVEN IN THE SESSION.

T1.1 SUB-CONTRACTING REQUIREMENTS

It is a requirement of this project that the successful tenderer subcontract a minimum of 30 percent (30%) or higher as tendered of the work by the end of the contract to Targeted Enterprise(s) as defined in the Contract Data.

PART T1: TENDERING PROCEDURES
TENDER NOTICE: ORGANISATIONAL REQUIREMENTS

- **SCM Enquiries : Procurement Office**
- E-mail: procurement3@sanral.co.za

TENDER DATA

C.2.1

Eligibility

a) CIDB registration Upper limits per CIDB Regulation 17 (effective 7 October 2019) (Form A12)

- It is estimated that tenderers should have a CIDB contractor grading designation of 8 CE or higher
 - **JOINT VENTURES**
 - each member of the joint venture is registered with the CIDB;
 - the lead partner has a contractor grading designation in the CE class of construction work; or not lower than one level below the required grading designation in the class of works construction works under considerations and possess the required recognition status.; and
 - the combined contractor grading designation **calculated based CIDB JV Calculator** is equal to **8CE or Higher.**

The tender will be declared non-responsive if:

- The Tenderer is not registered on CIDB within the required contractor grading and category prior to evaluation of submission.
- The Tenderer is suspended and where the tenderer has not provided proof that they have settled their outstanding CIDB annual fees or proof that they have made arrangements to pay outstanding CIDB annual fees has been made or proof of compliance with tax was submitted to CIDB, the tender will be declared non-responsive.
- The Tenderer has not declared interest of application to upgrade the grading.

TENDER DATA

C.2.1

Eligibility

b) National Treasury Central Supplier Database (Form A3.4)

- 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.

Failure to satisfy all the eligibility criteria will result in a non-eligible tender.

TENDER PROCEDURES

BOOK 1:

C.2.6	<p>Acknowledge addenda</p> <p>Failure to apply instructions contained in addenda issued by the Employer will render a Tenderer's offer non-responsive in terms of Condition of Tender C.3.8. Test for Responsiveness.</p>
C.2.7	<p>Clarification meeting</p> <p>A tenderer's clarification briefing presentation is available to be downloaded from the SANRAL website by the following link A compulsory clarification briefing meeting will be held on 27 March 2024 at 11:00 in Hluhluwe (Venue will be confirmed).</p> <p>Tenderers must pre-book for attendance at the clarification briefing meeting. Due to restrictions on numbers of attendees, only one representative per tenderer/company can attend the briefing meeting. A request to attend the clarification briefing meeting must be sent to the contact person listed on this Tender Notice. Late arrivals will not be allowed to participate in the meeting and their submissions shall be declared non-responsive.</p> <p>A tenderer's representative cannot represent more than one tenderer at the tender clarification briefing meeting.</p> <p>The onus rests with the tenderer to ensure that the representative attending the briefing session is appropriately qualified to understand all directives and clarifications given in the briefing session.</p> <p>The signature on the duly completed and signed Form A1 shall be considered proof that the tenderer attended the whole clarification briefing session and clearly understood all directives and clarifications given in the session.</p>
C.2.8	<p>Seek clarification</p> <p>Request clarifications at least 12 (twelve) working days before the closing date.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.2.9	<p>Insurance</p> <p>No insurance is provided by the Employer.</p>
C.2.10 C.2.10.3 C.2.10.4	<p>Pricing the tender offer</p> <p>The rates and prices shall be adjusted as specified in the conditions of contract clause 13.8 Adjustments for Changes in Costs</p> <p>Tenderers are required to state the rates, amounts and currencies in Rand.</p>
C.2.13	<p>Submitting a tender offer</p>
C.2.13.2	<p>Submitting a tender offer</p> <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>Option 1: Submission in the tender box</p> <ul style="list-style-type: none"> • Submit the tender offer electronically on a flash drive and printed hard copy of Form of Offer and summary of pricing schedule. • (In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.) <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>Submit the tender offer electronically on a flash drive.</p> <p>(In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.)</p>

TENDER PROCEDURES

BOOK 1:

C.2.13	Submitting a tender offer
C.2.13.2	<p>Submitting a tender offer</p> <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>Option 1: Submission in the tender box</p> <ul style="list-style-type: none">• Submit the tender offer electronically on a flash drive and printed hard copy of Form of Offer and summary of pricing schedule.• (In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.) <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>Submit the tender offer electronically on a flash drive.</p> <p>(In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.)</p>
C.2.12	Alternative tender offers
C.2.12.1	<p>A tenderer wishing to submit an alternative offer (excluding alternative offers of different contract duration, retention guarantees, discounted offers or different compliant material sources) shall first apply to the Employer for confirmation that the Employer's standards and requirements envisaged in the design are not compromised or reduced. Such confirmation must have been provided by the Employer in writing at least 5 (five) working days before the date of tender closing, or as extended by an addendum sent to all tenderers. The application shall not be submitted later than 7 (seven) working days before the date of tender closing given in Tender Data clause C.2.15, or as extended by an addendum sent to all tenderers.</p>

BOOK 1:

C.2.12	<p>Alternative tender offers (continues....)</p> <p>The replacement of specified construction items like pipes, in situ culverts, kerbs and channels with similar products constructed of different materials (e.g. plastic products or pre-cast construction) are generally not acceptable as alternatives because construction using such alternative products would have been considered during the design stage and not selected as appropriate and because the Employer is able, post-award, to make proposals to or receive proposals from the contractor. However, if such alternative materials are considered acceptable by the employer's agent as giving the tenderer a financial advantage and/or not transferring risk, the qualification must be recorded on returnable schedule A4: Schedule of Deviations or Qualifications by Tenderer.</p> <p>Also, not acceptable as alternative offers are the submission of alternative key persons, alterations to contingency pay items provided in the bill of quantities (pricing schedule), fixed prices for individual items or a fixed price contract.</p> <p>If an alternative proposal is confirmed to be acceptable, calculations, drawings and all other pertinent technical information and characteristics as well as proposed modification of, or alternative to, the Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set in clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.</p> <p>Should an alternative structural design be proposed, the proposed alternative Pricing Data shall include an amount equal to 3% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed. If the alternative offer is accepted, this amount will serve as a negative prime</p>
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TENDER PROCEDURES

BOOK 1:

C.2.12	Alternative tender offers (continues....)
Clause Number	Data
	<p>cost sum under Part C section C1.2 to be deducted from the contractor's payment certificates. The Employer undertakes to provide full accounting of the amount expended for this contingent sum and if exceeded, no further payments shall be deducted. Failure by a tenderer to include the required amount for confirming the alternative design may render his alternative tender as non-responsive.</p> <p>Acceptance of an alternative offer will mean acceptance in principle of the offer. It will be an obligation of the contract with the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p>
Clause Number	Data
	<p>cost sum under Part C section C1.2 to be deducted from the contractor's payment certificates. The Employer undertakes to provide full accounting of the amount expended for this contingent sum and if exceeded, no further payments shall be deducted. Failure by a tenderer to include the required amount for confirming the alternative design may render his alternative tender as non-responsive.</p> <p>Acceptance of an alternative offer will mean acceptance in principle of the offer. It will be an obligation of the contract with the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.</p>

TENDER PROCEDURES

BOOK 1:

C.2.13	Submitting a tender offer
C.2.13.2	<p>Submitting a tender offer</p> <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>Option 1: Submission in the tender box</p> <ul style="list-style-type: none">• Submit the tender offer electronically on a flash drive and printed hard copy of Form of Offer and summary of pricing schedule.• (In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.) <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>Submit the tender offer electronically on a flash drive.</p> <p>(In the relevant MS Word 2013 and MS Excel 2013 format as issued, and not in .pdf format, except where so specified.)</p>

TENDER PROCEDURES

BOOK 1:

C.2.13	Submitting a tender offer (continues...)
C.2.13.3	<p>Only the following needs to be submitted: Volume 3 – Scanned on a flash drive</p> <p>The following information has to be submitted on flash drive: The 1st file in pdf format which contains:</p> <ul style="list-style-type: none">• Scanned copy of Form of Offer (pdf) and printed hardcopy of Form of Offer• Scanned copies of all returnable schedules and attachments (pdf) <p>A 2nd file in Excel format</p> <p>Completed pricing schedule (scanned copy in .pdf and copy in Excel) and printed hardcopy of Summary of Pricing Schedule Alternative offers will not be considered.</p> <p>In the event of any discrepancy between the contents of the electronically priced schedule and the electronically provided pricing schedule in pdf format, the contents of the provided pdf format shall be taken as the valid contents. For the information provided by the tenderer as part of his submission, e.g. rates, the signed print-out shall be taken as the valid submission.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.2.13.5	<p data-bbox="513 315 1016 344">Option 1: Submission in the tender box</p> <p data-bbox="513 362 1006 391">Only the following needs to be submitted:</p> <p data-bbox="513 415 788 444">a) Main Tender Offer</p> <p data-bbox="513 468 1528 529">The following information to be submitted electronically on flash drive and marked Main Tender Offer followed by the "Tenderer name", in the following order:</p> <ul data-bbox="513 554 1537 753" style="list-style-type: none"><li data-bbox="513 554 1537 582">- Form of Offer (signed and scanned as .pdf) and printed hardcopy of Form of Offer<li data-bbox="513 601 1499 668">- All returnable schedules and attachments and certificates specific to the tender (signed and scanned as .pdf)<li data-bbox="513 686 1464 753">- Completed pricing schedule (scanned copy in .pdf and copy in Excel) and printed hardcopy of Summary of PricingSchedule." <p data-bbox="513 776 1508 872">b) For alternative offers the tenderer shall submit the following additional documentation, in an electronically on a separate flash drive marked Alternative followed by the "Tenderer name":</p> <ul data-bbox="513 896 1566 1129" style="list-style-type: none"><li data-bbox="513 896 1566 958">- Form of Offer (signed and scanned as .pdf and state "Alternative Form of Offer") and printed hardcopy of Form of Offer<li data-bbox="513 982 1464 1043">- All returnable schedules and attachments and certificates applicable to the alternative offer (signed and scanned as .pdf)<li data-bbox="513 1068 1464 1129">- Alternative Pricing Schedule (scanned copy in .pdf and copy in Excel) and printed hardcopy of Summary of Pricing Schedule."

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.2.13.5	<p>Option 1: Submission in the tender box (continues....)</p> <ul style="list-style-type: none">- Other relevant information. <p>In the event of any discrepancy between the contents of the electronically priced schedule in Excel, and the electronically provided pricing schedule in .pdf format, the contents of the electronically pricing schedule in .pdf format shall be taken as the valid contents. For the information provided by the tenderer as part of his submission, e.g. rates, the electronically signed schedule in .pdf shall be taken as the valid submission.</p> <p>Submit the tender offer electronically on a flash drive in a sealed envelope marked with the tenderer's company name, the project number and description.</p>
C.2.13.7	<p>Place and seal the electronically completed tender document (flash drive) in an envelope or package clearly marked "TENDER" and bearing the Employer's name, the contract number and description, the tenderer's authorised representative's name, the tenderer's postal address and contact telephone numbers.</p>
C.2.14	<p>Information and data to be completed in all respects</p> <p>Provided that the omission is not a material omission, the Employer reserves the right to condone the omission and may waive any nonconformities in the tender.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
	Provided that the omission is not a material omission, the Employer reserves the right to condone the omission and may request the tenderer to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the tender related to documentation requirements.
C.2.15	Closing time
C.2.15.1	<p>Option 1 Submission in tender box</p> <p>The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are: Note to compiler: Insert the relevant data and ensure that it is the same as it appears in the Tender Notice.</p> <p>Location of tender box: Reception area</p> <p>Physical address: The South African National Roads Agency SOC Ltd</p> <p>THE REGIONAL MANAGER (EASTERN REGION)</p> <p>THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD</p> <p>58 VAN ECK PLACE</p> <p>MKONDENI</p> <p>PIETERMARITZBURG</p> <p>3201</p>

TENDER PROCEDURES

BOOK 1:

C.2.15	Closing time
C.2.15.1	Option 1 Submission in tender box (continues....)
	<p>Identification details: Mark the envelope with the tenderer's company name, the project number and description:</p> <p>CONTRACT SANRAL N.002-300-2020/1</p> <p>THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)</p> <p>Tenders must be submitted during hours (09:00 to 16:00) Monday to Friday at the Employer's address.</p> <p>It is in the tenderer's interest to ensure that the delivery of the tender offer is recorded in the Employer's tenders received register and deposited in the tender box.</p>
C.2.16	Tender offer validity
C.2.16.1	The tender offer validity period is 24 weeks
C2.16.2	Should the tenderer not accept the validity extension or if the tenderer does not withdraw a condition attached to a conditional acceptance, this shall result in a non-responsive tender or the tender is considered to have made an election to exclude itself from the tender process.
C.2.16.3	Where a tenderer, at any time after the opening of his tender offer but prior to entering into a contract based on his tender offer:

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
	<p>a) withdraws his tender;</p> <p>b) gives notice of his inability to execute the contract in terms of his tender; or</p> <p>c) fails to comply with a request made in terms of C.2.17, C.2.18 or C.3.9,</p> <p>such tenderer shall be barred from tendering on any of the Employer's tenders for a period to be determined by the Employer, but not less than six (6) months from a date determined by the Employer. This sanction also applies to tenders under evaluation and not yet awarded. This sanction does not apply to tenders under evaluation where a request for extension of the validity period was not accepted by the tenderer. The Employer may fully or partly exempt a tenderer from the provisions of this condition if he is of the opinion that the circumstances justify the exemption.</p>
C.2.18	Provide other material
C.2.18.1	Any additional information requested under this clause must be provided within 5 (five) working days of date of request.
C.3.2	Issue Addenda The Employer shall issue addenda until 10 (ten) working days before tender closing date.

TENDER PROCEDURES

BOOK 1:

C.3.4 C.3.4.1	<p>Opening of tender submissions</p> <p>One Envelope: The time for opening of the tender offers via live streaming or at offices are:</p> <p>THE REGIONAL MANAGER (EASTERN REGION)</p> <p>THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD</p> <p>58 VAN ECK PLACE</p> <p>MKONDENI</p> <p>PIETERMARITZBURG</p> <p>3201</p> <p>Time: 11h00</p> <p>Date: 26 April 2024</p> <p>Location: THE REGIONAL MANAGER (EASTERN REGION)</p> <p>Link: Will be confirmed.</p>
C.3.5	<p>Two-envelope system</p> <p>Clause C.3.5 is not applicable.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.3.7	<p>Grounds for rejection and disqualification</p> <p>Prior to disqualification, the Employer shall inform the tenderer and give the tenderer an opportunity to make representations within 14 days as to why the tender submitted should not be disqualified and as to why the tenderer should not be restricted by the National Treasury from conducting any business with any organ of state for a period not exceeding 10 years.</p> <p>In the event of disqualification, the Employer may, at its sole discretion, claim damages from the tenderer and impose a specified period during which tender offers will not be accepted from the offending tenderer and, the Employer shall inform the National Treasury and the CIDB in writing.</p>
C.3.8 C.3.8.2	<p>Test for responsiveness</p> <p>A Substantially responsive tender is a tender in which all of the material information and documentation submitted at close of tender contains non-material and non-conformities to the bid specifications but are not related to price. The correction of any such documentation or information, or the condonement for the non-inclusion of any such document or information may not be prejudicial towards the offer and claimed preference of any responsive tender or be construed to be giving an unfair advantage to any tender.</p> <p>A responsive tender is also one that conforms to all the terms, conditions, and scope of work of the tender documents, without material omissions. The test for a material omission is the same as the test for a material deviation or qualification.</p>

TENDER PROCEDURES

BOOK 1:

C.3.9	Arithmetical errors, omissions, discrepancies and imbalanced unit rates
C.3.9.1	Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount appearing in the summary to the Pricing Schedule shall govern.
C.3.9.3	<p>Check responsive tender offers for:</p> <ul style="list-style-type: none">a) the gross misplacement of the decimal point in any unit rate;b) omissions made in completing the pricing schedule or bills of quantities; orc) arithmetic errors in:<ul style="list-style-type: none">i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; orii) the summation of the prices.d) imbalanced unit rates. <p>Notify shortlisted tenderers of all errors, omissions or imbalanced rates that are identified in their tender offers and either confirm the tender offers as tendered or accept the corrected total prices.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data <p style="text-align: center;">(continues...)</p>
C.3.9.4	<p>Where the tenderer elects to confirm the correction of the errors, omissions or imbalanced rates, the tender offer shall be corrected as follows:</p> <ul style="list-style-type: none">a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the unit rate shall govern, and the line item total shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted and the unit rate shall be corrected.b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall be corrected.c) Where the unit rates are imbalanced the tenderer shall adjust such rates by increasing or decreasing them and selected others while retaining the total of the prices derived after any other corrections made under (a) and (b) above. <p>Where there is an omission of a line item, no correction is possible, and the offer may be declared non-responsive.</p> <p>Should the original price not be retained after balancing, the tenderer will be rendered non responsive</p> <p>Declare as non-responsive and reject any offer from a tenderer who elects not to accept the proposed correction of the; errors, omissions or imbalanced rates. During testing of tender responsiveness, clause C.3.8 of CIDB tender conditions will be applicable.</p> <p>The tenderer is required to submit balanced unit rates for rate only items in the pricing schedule. The rates submitted for these items will be taken into account in the evaluation of tenders.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
	(continues...)
	If the Form of Offer is submitted but the Pricing Schedule is omitted, where rate only items are applicable; or If a signed Form of Offer is submitted with an incomplete pricing schedule (no summary to tender) that does not balance back to the Form of Offer and the Pricing schedule is incomplete; or If a signed Form of Offer is submitted with an incomplete pricing schedule that does not balance back to the Form of Offer and only summary of Pricing Schedule submitted; then the rates cannot be evaluated and the tender shall be declared non-responsive.
Clause Number	Data
C.3.11.	Evaluating price and preference 1. 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 The following formula will be used to calculate three points out of 80 for price: $P_s = 80(1 - (P_t - P_m) / P_m)$ Where: P _s is the points scored for price of tender under consideration. P _t is the price of the tender under consideration; and P _m is the price of the lowest acceptable tender.

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.3.11.	<p>Evaluating price and preference</p> <p>2. 90/10 PREFERENCE POINT SYSTEM FOR ACQUISITION OF GOODS AND SERVICES FOR RAND VALUE ABOVE R50 MILLION</p> <p>The following formula will be used to calculate the points out of 90 for price:</p> $P_s = 90(1 - (P_t - P_m) / P_m)$ <p>Where:</p> <p>P_s is the points scored for price of tender under consideration. P_t is the price of the tender under consideration; and</p> <p>P_m is the price of the lowest acceptable tender.</p> <p>In the event that the calculated value is negative, the allocated score shall be 0 (zero).</p>

SCORING PREFERENCE (SPECIFIC GOALS):

Points for specific goals will be awarded according to the table below:

Specific goals	Criteria	10 points		20 points	
		Point allocation	Maximum points	Point allocation	Maximum points
B-BBEE Level	Level 1	10.00	10.00	20.00	20.00
	Level 2	9.00		18.00	
	Level 3	6.00		14.00	
	Level 4	5.00		12.00	
	Level 5	4.00		8.00	
	Level 6	3.00		6.00	
	Level 7	2.00		4.00	
	Level 8	1.00		2.00	
	Non-compliant contributor	0.00		0.00	

A valid B-BBEE verification certificate must be submitted.

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
	<p style="text-align: center;">(continues...)</p> <p>1. The tenderer's scorecard shall be a B-BBEE Certificate issued in accordance with:</p> <ul style="list-style-type: none">i) the amended Construction Sector Codes published in Notice 931 of 2017 of Government Gazette No. 41287 on 1 December 2017 by the Department of Trade and Industry; or in the event that the Measured Entity operates in more than one sector or a sub-sector, the scorecard for the sector or sub-sector in which the majority of its core activities (measured in terms of annual revenue) are located will be acceptable. <p>The tenderer must comply with the annual revenue thresholds for EME or QSE or Generic in accordance with the amended Construction Sector Codes; and</p> <ul style="list-style-type: none">ii) The scorecard shall be submitted as a certificate attached to Returnable Schedule Form C1; andiii) The certificate shall:<ul style="list-style-type: none">• be valid at the tender closing date; and• have been issued by a verification agency accredited by the South African National Accreditation System (SANAS); or• be in the form of a sworn affidavit or a certificate issued by the Companies and Intellectual Property Commission in the case of an Exempted Micro Enterprise (EME) with a total annual revenue of less than R3 million if issued in accordance with the amended Construction Sector Codes published in Notice 931 of 2017 of Government Gazette No. 41287 on 1 December 2017 by the Department of Trade and Industry; and• have a date of issue less than 12 (twelve) months prior to the original advertised tender closing date (see Tender Data C.2.15); and

BOOK 1:

iv) A valid BBBEE Certificates shall contain: (continues...)

- Name of enterprise as per enterprise registration documents issued by CIPC, and enterprise business address.
- Value-Added Tax number, where applicable.
- The B-BBEE Scorecard against which the certificate is issued, indicating all elements and scores achieved for each element. The actual score achieved must be linked to the total points as per the relevant Codes.
- B-BBEE status with corresponding procurement recognition level.
- The relevant Codes used to issue the B-BBEE verification certificate.
- Date of issue and expiry (e.g. 9 June 2018 to 8 June 2019). Where a measured entity was subjected to a re-verification process, due to material change, the B-BBEE Verification Certificate must reflect the initial date of issue, date of re-issue and the initial date of expiry. Re-verification does not extend the lifespan of the B-BBEE Verification Certificate.
- Financial period which was used to issue the B-BBEE Verification Certificate.

v) A valid Sworn Affidavit shall contain:

- Name/s of deponent as they appear in the identity document and the identity number.
- Designation of the deponent as either the director, owner or member must be indicated in order to know that person is duly authorised to

TENDER PROCEDURES

BOOK 1:

Clause Number	Data (continues....)
	<p>depose of an affidavit.</p> <ul style="list-style-type: none">• Name of enterprise as per enterprise registration documents issued by the CIPC, where applicable, and enterprise business address.• Percentage black ownership, black female ownership and whether they fall within a designated group.• Indicate total revenue for the year under review and whether it is based on audited financial statements or management accounts.• Financial year-end as per the enterprise's registration documents, which was used to determine the total revenue. The valid format of the Financial Year-End is Day/Month/Year• B-BBEE status level. An enterprise can only have one status level.• Date deponent signed and date of Commissioner of Oath must be the same.• Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest, and <p>vi) Compliance with any other information requested to be attached to Returnable Schedule Form C1; and</p> <p>vii) In the event of a Joint Venture (JV), a project-specific consolidated (SANRAL project number indicated) valid B-BBEE verification certificate in the name of the JV, issued by a verification agency accredited by the South African National Accreditation System (SANAS) shall be submitted.</p> <p>Sub-contracting</p> <p>If the tender documents indicate that the tenderer intends sub-contracting more than 25% of the value of the contract to any other person not qualifying for at least the status level that the tenderer qualifies for, 0 (zero) points for B-BBEE level (under Specific Goals) shall be awarded, unless the intended sub-contractor is an EME that has the capacity to execute the sub-contract.</p>

TENDER PROCEDURES

BOOK 1:

Clause Number	Data (continues...)
	<p>Criteria for breaking deadlock</p> <p>If two or more tenders score the same number of points and these tenders are also the highest ranked tenders, the tender with the highest preference points will be recommended for award.</p> <p>If functionality is part of the evaluation process and two or more tenders score equal total points and equal preference points, the tender that scored the highest points for functionality will be recommended for award.</p> <p>If two or more tenders score the same number of financial points and preference points and these tenders</p>
C.3.13	<p>Acceptance of a tender offer</p> <p>The conditions stated in clauses C..13(a) to (f) of the Conditions of Tender as well as the following additional clauses C.3.13(g) to (l) shall be applied as objective criteria in terms of section 2(1)(f) of the Preferential Procurement Policy Framework Act, 2000 and as compelling and justifiable reasons in terms of Conditions of Tender clause 5.11:</p> <p>g) the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;</p>
	<p>h) the tenderer has not abused the Employer's supply chain management system;</p> <p>i) the tenderer has not failed to perform on any previous contract and has not been given a written notice to this effect; and</p> <p>j) the tenderer is tax compliant. The recommended tenderer who becomes non-compliant, prior to award, shall be notified and must become compliant within 7 working days of the date of being notified. A recommended tenderer who remains non-compliant after the 7 working days of being notified, shall be declared non-responsive.</p>

TENDER PROCEDURES

BOOK 1:

(continues....)

- k) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer. The licensed compensation insurer shall be approved by Department of Labour in terms of Section 80 of the Compensation for Injury and Disease Act, 1993 (Act No. 130 of 1993).
- l) Price negotiations.
 1. If the price offered by a tenderer scoring the highest points is not market related, the Organ of state may not award the tender to that tenderer.
 2. The Organs of state may –
 - i. Negotiate a market related price with the tender scoring the highest points or cancel the tender;
 - ii. If the tenderer does not agree to a market related price, negotiate a market related price with the tenderer scoring the second highest points or cancel the tender;
 - iii. If the tenderer scoring the second highest points does not agree to a market related price, negotiate a market related price with the tenderer scoring the third highest points or cancel the tender;
 3. If a market related price is not agreed as envisaged in paragraph 2(iii), the organ of state must cancel the tender.

TENDER PROCEDURES

BOOK 1:

(continues....)

In addition to the requirements under paragraph (b) of the Conditions of Tender, in the event that a due diligence is performed as part of the tender evaluation, the due diligence report will be used to evaluate the tenderer's ability to perform the contract as stated in paragraph (b). The due diligence will evaluate the overall risk associated with the tender. The due diligence will take into consideration the following:

- Assessment of financial statements to assess the financial position of the tenderer and its ability to obtain the necessary guarantees or insurances,
- Evaluation of managerial and technical ability & available resources in relation to the proposed tender,
- Integrity Risk Evaluation,
- Operations, Activities, Locations and Key Customers,
- Reference checks from previous clients, and
- Risk rating (i.e. High Risk, Medium to High risk, Medium risk or Low risk) of the tenderer
- Past Contracts comprising the following quantities of work completed satisfactorily and certified by the Engineer to demonstrate capacity and capability in relation to the proposed tender:

COTO CHAPTER	DESCRIPTION	QUANTITY COMPLETED
9	Asphalt Layers	1500 Tons

TENDER PROCEDURES

BOOK 1:

Clause Number	Data
C.3.16	Registration of the award The Employer will notify unsuccessful tenderers when the tender process has been concluded. Any unsuccessful tenderer may request a debriefing in writing as specified in clause C.3.18.
C.3.17	Provide copies of the contracts The number of paper copies of the signed contract to be provided by the Employer is 1.
C.3.18	Provide written reasons for actions taken All requests shall be in writing.
SPECIAL CONDITIONS OF TENDER CLAUSES:	
Clause Number	Data
SC3.19	Jurisdiction Unless stated otherwise in the tender data, each tenderer and the Employer undertake to accept the jurisdiction of the law courts of the Republic of South Africa.

TENDER PROCEDURES

RETURNABLE SCHEDULES

- ALL FORMS MUST BE COMPLETED.
- Tenderers shall note that their signature appended to each returnable form represents a declaration that they vouch for the accuracy and correctness of the information provided.

FORM NO / SBD NO	FORM DESCRIPTION	TICK IF COMPLETED
A1	CERTIFICATE CONFIRMING THAT THE TENDERER READ THE PRESENTATION BRIEFING	
A1.1	CERTIFICATE OF INTENTION TO SUBMIT A TENDER	
A2.1	CERTIFICATE OF AUTHORITY FOR SIGNATORY	
A2.2	DECLARATION OF TENDERER'S CURRENT STATUS OF ANY DEBT OUTSTANDING TO SANRAL	
A2.3	CERTIFICATE OF SINGLE TENDER SUBMISSION	
A2.4	CERTIFICATE OF FRONTING PRACTICES	
A2.5	DECLARATION OF DOMESTIC PROMINENT INFLUENTIAL PERSONS, FOREIGN PROMINENT PUBLIC OFFICIALS OR FOREIGN INFLUENTIAL NATIONALS (DPIPs, FPPOs OR FINs)	
A2.6	CERTIFICATE OF PERMISSION TO CONDUCT DUE DILIGENCE INVESTIGATION	
A3.1 / SBD4	BIDDER'S DISCLOSURE	
A3.2 / SBD9	CERTIFICATE OF INDEPENDENT TENDER – REPEALED & NOT APPLICABLE	N/A
A3.3 / SBD8	DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES – REPEALED & NOT APPLICABLE	N/A
A3.4	REGISTRATION ON NATIONAL TREASURY CENTRAL SUPPLIER DATABASE	
A3.5	DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS	
A3.6	LOCAL CONTENT DECLARATION: SUMMARY SCHEDULE	
A4	SCHEDULE OF DEVIATIONS OR QUALIFICATIONS BY TENDERER	
A5	SCHEDULE OF ADDENDA TO TENDER DOCUMENTS	

FORM NO / SBD NO	FORM DESCRIPTION	TICK IF COMPLETED
A6 / SBD2	CERTIFICATE OF TAX COMPLIANCE	
A7	CERTIFICATE OF INSURANCE COVER	
A8	TENDERER'S REGISTERED FINANCIAL SERVICE PROVIDER LETTER AND BANK DETAILS	
A9.1	SCHEDULE OF TENDER'S LITIGATION HISTORY	
A9.2	ENVIRONMENTAL, SOCIAL, HEALTH, AND SAFETY PERFORMANCE DECLARATION	
A9.3	COMPLIANCE WITH LABOUR LEGISLATION DECLARATION	
A10	SCHEDULE OF CURRENT COMMITMENTS	

A11	CERTIFICATE OF COMPLIANCE WITH COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT, 1993 (ACT NO. 130 OF 1993)	
A12	CERTIFICATE OF REGISTRATION WITH CIDB	
A13	FORM SBD1 – INVITATION TO BID AND TERMS AND CONDITIONS FOR BIDDING	
A14	DECLARATION OF TENDERER'S FINANCIAL SUBMISSION	
B1	CONTRACTORS ESTABLISHMENT ON SITE	
B2	SCHEDULE OF SPECIAL MATERIALS	
C1.1	TENDERER'S B-BBEE VERIFICATION CERTIFICATE	
C1.2 / SBD6.1	PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (INCORPORATING SBD6.1)*	
D1	SCHEDULE OF TENDERER'S PLANT AND EQUIPMENT	
D2	TENDERER'S METHOD STATEMENT	
D3	TENDERER'S ORGANISATION AND STAFFING	
D4.1	TENDERER'S KEY PERSONNEL EXPERIENCE (Contracts Director)	
D4.2	TENDERER'S KEY PERSONNEL EXPERIENCE (Contracts Manager)	N/A
D4.3	TENDERER'S KEY PERSONNEL EXPERIENCE (Construction manager (Contractor's Representative))	
D5.1	TENDERER'S EXPERIENCE BASED ON COMPLETED PROJECTS	

FORM NO / SBD NO	FORM DESCRIPTION	TICK IF COMPLETED
D5.2	TENDERER'S EXPERIENCE BASED ON PROJECTS IN PROGRESS	
D6	TENDERER'S INDICATIVE PROGRAMME	
D7	SCHEDULE OF ESTIMATED MONTHLY EXPENDITURE	
D8	SCHEDULE OF SUBCONTRACTORS	
D9	CORPORATE SOCIAL INVESTMENT	
E1	QUALITY ASSURANCE: UTFC	N/A
E2	PERFORMANCE REPORT: UTFC	N/A
E3	CONSTRAINTS FOR UTFC PRODUCTS AND PROCESSES	N/A
E4	WIRE ROPE INFORMATION	N/A
E6	PHOTOMETRIC FILES	N/A
E8	LAMP LIFESPAN	N/A
E7	ELECTRICAL SCHEDULE OF MATERIALS	N/A
C1.1.1 / SBD7	FORM OF OFFER	
C1.2.3	CONTRACT DATA – INFORMATION PROVIDED BY THE TENDERER	
C2.2 / SBD3	PRICING SCHEDULE	
C.2.3	SUMMARY OF PRICING SCHEDULE	

PART T2: RETURNABLE SCHEDULES

Notes to tenderer:

1. Returnable schedules have been based on the CIDB Standard for Uniformity in Construction Procurement and incorporate National Treasury requirements within them. Returnable schedules are separated into the following categories:
 - Forms, certificates and schedules for completion by the tenderer for use in the quantitative and qualitative evaluation of the tender (Forms A to E)
 - A list of all returnable documents for completion by the tenderer (Form F1)
2. Failure to submit fully completed relevant returnable documents may render such a tender offer non-responsive.
3. Tenderers shall note that their signature appended to each returnable form represents a declaration that they vouch for the accuracy and correctness of the information provided.
4. Notwithstanding any check or audit conducted by or on behalf of the Employer, the information provided in the returnable documents is accepted in good faith and as justification for entering into a contract with a tenderer. If subsequently any information is found to be incorrect such discovery shall be taken as willful misrepresentation by that tenderer to induce the contract. In such event:
 - a) the Employer shall inform the tenderer and give the tenderer an opportunity to make representations within 14 days as to why the tender submitted should not be disqualified and as to why the tenderer should not be restricted by the National Treasury from conducting any business with any organ of state for a period not exceeding 10 years;
 - b) if the Employer has already entered into a contract with the Tenderer, the Employer has the discretionary right under FIDIC Particular Condition 15.2(g) to terminate the contract.
5. These forms must be completed in non-erasable ink and any alterations made prior to tender closure countersigned by an authorized signatory.

**RETURNABLE SCHEDULE
FORM A1**

**CERTIFICATE CONFIRMING THAT
THE TENDERER ATTENDED THE
COMPULSORY BRIEFING MEETING.**

**NB: TO BE COMPLETED AND
SUBMITTED WITH THE TENDER**

FORM A1: TENDERER'S BRIEFING MEETING

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to Tenderer:

1. Scan a copy of completed and signed Certificate on the flash drive.

This is to certify that I,

representative of (insert name of tenderer)

.....

of (address)

.....

.....

telephone number

fax number

e-mail

Attended the clarification meeting on (date)

conducted by

in the presence of (Employer's representative)

TENDERER'S REPRESENTATIVE

Signature Date

EMPLOYERS REPRESENTATIVE

Signature Date

RETURNABLE SCHEDULE
FORM A1.1
CERTIFICATE OF INTENTION TO
SUBMIT A TENDER

FORM A1.1: CERTIFICATE OF INTENTION TO SUBMIT A TENDER

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Notes to Tenderer:

1. The duly completed certificate of intention to submit a tender **must** be submitted to ProcurementER3@sanral.co.za by whoever intends to tender for this particular tender prior to 22 March 2024. **Failure to submit the certificate of intention to tender within the required period may render the tenderer non-responsive and SANRAL does not accept responsibility for any communication not received by the tenderer timeously.**
2. **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 if "any material amendment/s" contained in the addenda or additional information is not included in the tender offer/submission.**
3. **Late notification of intention to tender by a prospective tenderer will not necessarily result in the tender closing date being extended.**
4. **Should you intend to submit a tender for this particular tender please sign the certificate, scan and email the completed document to the email address indicated in T1.1 of this tender document.**
5. **The Employer shall send all correspondences, including Addenda, only to the Tenderer's email address as provided herein; in addition, the Employer shall upload all correspondences on SANRAL website and National Treasury eTender Portal.**

This is to certify that I,.....

 representative of (insert name of tenderer)
 of (address).....

 telephone number
 fax number.....
 e-mail
 intends to submit a tender in response to the tender notice and invitation for tender this contract.

TENDERER'S REPRESENTATIVE Date
 (Signature)

FORM A2.1: CERTIFICATE OF AUTHORITY FOR SIGNATORY

1. The signatory for the tenderer shall confirm his/her authority thereto by attaching on the **tendering company's letterhead** a **duly signed and dated copy of the relevant resolution of the board of directors/partners**
2. **In the event of a joint venture, a certificate** is required from **each member** of the Joint Venture clearly setting out:
 - **authority** for signatory,
 - **undertaking** to formally enter into a joint venture contract should an award be made to the joint venture,
 - name of **designated lead member** of the intended joint venture, as required by tender condition C.2.13.2.
3. The resolution in **form A2.1 is given as an example** of an acceptable format for authorisation, but submission of this page with the example completed **shall not be accepted** as authorisation of the tenderer's signatory.

FORM A2.2: DECLARATION OF TENDERER'S CURRENT STATUS OF ANY DEBT OUTSTANDING TO SANRAL

Notes to Tenderer:

1. The signatory for the tenderer shall complete and sign this form declaring the current status of any debt outstanding to SANRAL.
2. In the event that the tenderer is a Joint Venture, a declaration is required from each member of the Joint Venture.
3. Form A2.2 in tender needs to be commissioned by **Commissioner of Oath**

FORM A2.3: CERTIFICATE OF SINGLE TENDER SUBMISSION

Notes to Tenderer:

1. This certificate serves as a declaration by the tenderer that a **single tender was submitted**.
2. In the case of a Joint Venture (JV), a **separate certificate** is to be completed and submitted by each JV member.

FORM A2.4: CERTIFICATE OF FRONTING PRACTICES

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Fronting Practices

Window-dressing: This includes cases in which black people are appointed or introduced to an enterprise on the basis of tokenism and may be:

- Discouraged or inhibited from substantially participating in the core activities of an enterprise; and
- Discouraged or inhibited from substantially participating in the stated areas and/or levels of their participation;

Benefit Diversion: This includes initiatives implemented where the economic benefits received as a result of the B-BBEE Status of an enterprise do not flow to black people in the ratio as specified in the relevant legal documentation.

Opportunistic Intermediaries: This includes enterprises that have concluded agreements with other enterprises with a view to leveraging the opportunistic intermediary's favourable B-BBEE status in circumstances where the agreement involves:

- Significant limitations or restrictions upon the identity of the opportunistic intermediary's suppliers, service providers, clients or customers;
- The maintenance of their business operations in a context reasonably considered improbable having regard to resources; and
- Terms and conditions that are not negotiated at arms-length on a fair and reasonable basis.

Responsibility to Report Fronting

In order to effectively deal with the scourge of Fronting, verification agencies, and/or procurement officers and relevant decision makers are encouraged to obtain a signed declaration from the clients or entities that they verify or provide business opportunities to, which states that the client or entity understands and accepts that the verification agency, procurement officer or relevant decision maker may report Fronting practices to the DTI. Intentional misrepresentation by measured entities may constitute fraudulent practices, public officials and verification agencies are to report such cases to the DTI.

FORM A2.4: CERTIFICATE OF FRONTING PRACTICES

**FORM A2.5: DECLARATION OF
DOMESTIC PROMINENT
INFLUENTIAL PERSONS, FOREIGN
PROMINENT PUBLIC OFFICIALS
AND FOREIGN INFLUENTIAL
NATIONALS
(DPIPs, FPPOs & FINs)**

This declaration form is to ensure maintenance and monitoring of the business relationships with prominent, influential stakeholders who have domestic and/or foreign influence as far as the procurement under the management of SANRAL is concerned.

This is done to mitigate SANRAL's perceived association, reputational, operational or legal risk, as it strives to foster and maintain fair and transparent business relations. (The policy is available on SANRAL website: www.nra.co.za)

A separate declaration is required from each PIP.

For Joint Venture, a separate declaration from each PIP from each of the Joint Venture members, is required.

FORM A2.6: CERTIFICATE OF PERMISSION TO CONDUCT DUE DILIGENCE INVESTIGATION

Notes to Tenderer:

1. The tenderer shall complete the declaration Form A2.6, the **grant consent that SANRAL or any of their appointed Service Providers may conduct a due diligence investigation, to evaluate the ability to perform the contract as stipulated in the Standard Conditions of Tender, Clause C.3.13(b).**
2. In the case of a Joint Venture (JV), each member of the JV shall comply with the above requirements.

FORM A3.1: BIDDER'S DISCLOSURE (SBD 4)

Note this form has been revised

FORM A3.2: BIDDER'S DISCLOSURE (SBD4)

Note this form has been repealed

FORM A3.3: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

Note this form has been reinstated

Note: in the case of a joint venture (JV), must be completed and submitted by each member of the JV

RETURNABLE SCHEDULE A3.4 – REGISTRATION ON NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

The tenderer shall provide a pdf. copy of the supplier registration form from National Treasury Central Supplier Database (www.treasury.gov.za). Tenderers who are not registered on the Central Supplier Database at tender closure will be declared non-responsive (refer to Tender Data, Clause C.2.1.1). In the case of a Joint Venture or a Targeted Enterprise, a pdf. supplier registration form must be provided for each member of the Joint Venture or Targeted Enterprise..

Name of Contractor:

Central Supplier Database Supplier Number:

Supplier Commodity:

Delivery Location:

RETURNABLE SCHEDULE A3.4 – REGISTRATION ON NATIONAL TREASURY CENTRAL SUPPLIER DATABASE

The tenderer shall provide a pdf. copy of the supplier registration form from National Treasury Central Supplier Database (www.treasury.gov.za). Tenderers who are not registered on the Central Supplier Database at tender closure will be declared non-responsive (refer to Tender Data, Clause C.2.1.1). In the case of a Joint Venture or a Targeted Enterprise, a pdf. supplier registration form must be provided for each member of the Joint Venture or Targeted Enterprise..

Name of Contractor:

Central Supplier Database Supplier Number:

Supplier Commodity:

Delivery Location:

**FORM A3.5: DECLARATION
CERTIFICATE FOR LOCAL
PRODUCTION AND CONTENT FOR
DESIGNATED SECTORS (SBD 6.2)**

Notes to Tenderer

1. This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).
2. Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the South African Bureau of Standards (SABS) approved technical specification number SANS 1286:2017 and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

**FORM A3.6: LOCAL CONTENT
DECLARATION: SUMMARY
SCHEDULE (ANNEXURE C)**

**Use the Excel Spreadsheet
provided in Part C4 (Appendix 7)
for the BoQ Items listed in
Form A3.6**

FORM A4: SCHEDULE OF DEVIATIONS OR QUALIFICATIONS BY TENDERER

Notes to Tenderer:

1. The Main Tender MUST be priced.
2. When submitting any alternative tender, condition of clause C.2.12 of Tender Data, shall be followed.

FORM A5: SCHEDULE OF ADDENDA TO TENDER DOCUMENTS

Notes to Tenderer:

1. If an addendum containing material amendments is not incorporated by the tenderer in his tender offer, the tender will be declared non-responsive.

FORM A6: CERTIFICATE OF TAX COMPLIANCE (INCORPORATING SBD2)

Notes to Tenderer:

1. The tenderer shall complete the declaration Form A6, **grant consent that SARS may disclose to the South African National Roads Agency SOC Limited (SANRAL) our tax compliance status**

FORM A7: CERTIFICATE OF INSURANCE COVER

Note to tenderer:

In the event of the tenderer being a Joint Venture/consortium the details of the **individual members must also be provided.**

FORM A8: TENDERER'S REGISTERED FINANCIAL SERVICE PROVIDER LETTER AND BANK DETAILS

Notes to tenderer:

1. The tenderer shall attach to this form a letter (**dated less than 3 months prior to the tender closing date**) from a **Registered Financial Service Provider** (registered with the FSB)
 - confirming the Tenderers' account, and
 - Confirming that the Tenderer's available capital and that the Tenderer has the financial means net of current commitments (independent of any contractual advance payment) available to meet the construction cash flow requirements estimated for the subject contract)
2. If the Tenderer does **not have financial resources**, the tender will be declared **non-responsive in terms of clause C.3.13 (b)** of the Tender Data.
3. The Tenderer (and in the event of a joint venture, the joint venture member's combined) shall have available capital in excess of **R11 250 000.00**.
4. In the event that the tenderer is a joint venture enterprise, details of all the members of the joint venture shall be similarly provided and attached to this form.

FORM A9.1: SCHEDULE OF TENDERER'S LITIGATION HISTORY

Note to tenderer:

The tenderer (and in the case of a Joint Venture, each member of the Joint Venture) shall list below details of any litigation

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

The tenderer (and in the case of a Joint Venture, each member of the Joint Venture) shall indicate below by marking with an "X" if suspension or termination of a contract occurred or not, and/or if the performance security has been called or not, related to Environmental, Social, Health or Safety (ESHS) performance, in the past five (5) years prior to the tender submission date.

In the event that suspension or termination occurred and/or the performance security has been called, the tenderer shall complete the details of all the suspensions and terminations as well as the details of all performance securities called since the date indicated.

The Employer may use this information to seek further information or clarifications in carrying out its due diligence.

Environmental, Social, Health, and Safety Performance Declaration			
<input type="checkbox"/> No suspension or termination of contract: An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental, Social, Health, or Safety (ESHS) performance in the past five (5) years prior to the tender submission date.			
<input type="checkbox"/> Declaration of suspension or termination of contract: The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental, Social, Health, or Safety (ESHS) performance in the past five (5) years prior to the tender submission date. Details are described below:			
Year	Suspended or terminated portion of contract	Contract Identification	Total Contract Amount
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	<i>[insert complete contract name, contract number, Name of Employer, Address of Employer, Reason(s) for suspension or termination]</i>	<i>[insert amount]</i>

FORM A9.2: ENVIRONMENTAL, SOCIAL, HEALTH, AND SAFETY PERFORMANCE DECLARATION

**FORM A9.3: COMPLIANCE WITH
LABOUR LEGISLATION
DECLARATION**

Note to tenderer:

1. Tenderers must be registered with the Bargaining Council for the Civil Engineering Industry (BCCEI) or the relevant Bargaining Council.
2. Tenderers must append to this schedule (Form A9.3: Compliance with Labour Legislation) a letter of compliance / letter of good standing in terms of the relevant Government Gazette that indicates compliance/validity at the time of tender or obtain such upon being requested to do so in writing and within the period contained in such a request, failing which their tenders will be declared non-responsive.
3. Only those tenders submitted by tenderers who are in good standing with the BCCEI or any relevant applicable legislated bargaining council at the time of the tender award will be declared responsive.
4. Each party to a Consortium/Joint Venture shall append separate certificates for each party in the above regard.
5. The tenderer, by signing this schedule, declares that it will comply with all labour legislation, as may be applicable.

SIGNED BY TENDERER:

FORM A10: SCHEDULE OF CURRENT COMMITMENTS

Notes to tenderer:

1. The tenderer shall list below all contracts currently under construction or awarded and about to commence and tenders for which offers have been submitted but awards not yet made.
2. In the event of a joint venture or consortium, details of all the members of the joint venture or consortium shall similarly be attached to this form.

FORM A11: CERTIFICATE OF COMPLIANCE WITH OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 AND CONSTRUCTION REGULATIONS, 2014 AS WELL AS COID ACT, 1993

Notes to tenderer:

1. Discovery that the tenderer has failed to make proper disclosure may result in SANRAL terminating a contract that flows from this tender on the ground that it has been rendered invalid by the tenderer's misrepresentation.
2. The tenderer shall attach to this Form evidence that he is registered and in good standing with the compensation fund or with a licensed compensation insurer who is approved by Department of Labour in terms of section 80 of the Compensation for Injury and Disease Act, 1993 (Act No. 130 of 1993).
3. The tenderer is required to disclose, by also attaching documentary evidence to this form, all inspections, investigations and their outcomes conducted by the Department of Labour into the conduct of the tenderer at any time during the 36 months preceding the date of this tender.
4. In the event of a joint venture or consortium, each and every member of the unincorporated Joint Venture shall comply with the above requirements.

FORM A12: CERTIFICATE OF REGISTRATION WITH CIDB

Notes to tenderer:

a) If the tenderer is not registered on CIDB within the required contractor grading at the tender closing date or the tenderer has not declared interest of application to upgrade the grading and also failed to submit the new registered grading within 21 days after tender closure the tender will be declared non-responsive.

The tenderer shall provide a pdf. copy of the Active Contractor's Listing off the CIDB website www.cidb.org.za. Tenderers whose CIDB registration expires within 21 days after close of tender shall attach proof of their application for re-registration (refer to tender data clause C.2.1.1). In the case of a Joint Venture, a pdf. copy of the Active Contractor's Listing must be provided for each member of the Joint Venture.

Complete the following details of his registration with the Construction Industry Development Board

Name of Contractor:

Contractor Grading Designation:.....

CIDB Contractor Registration Number:.....

Expiry Date:

FORM A13: FORM SBD1 – INVITATION TO BID AND TERMS AND CONDITIONS FOR BIDDING

FORM A14: DECLARATION OF TENDERER'S FINANCIAL SUBMISSION

FORM B1: CONTRACTOR'S ESTABLISHMENT ON SITE

FORM B2: SCHEDULE OF SPECIAL MATERIALS

FORM C1.1: TENDERER'S B-BBEE VERIFICATION CERTIFICATE

Notes to tenderer:

1. The tenderer shall attach to this form a valid B-BBEE verification certificate issued in accordance with:
 - the amended Construction Sector Codes published in Notice 931 of 2017 of Government Gazette No. 41287 on 1 December 2017 by the Department of Trade and Industry.
 - in the event that the Measured Entity operates in more than one sector or sub-sector, the scorecard for the sector or sub-sector in which the majority of its core activities (measured in terms of Annual Revenue) are located will be acceptable. The tenderer must comply with the annual revenue thresholds for EME or QSE or Generic in accordance with the amended Construction Sector Codes.
2. The certificate shall:
 - have been issued by a verification agency accredited by the South African National Accreditation System (SANAS); or
 - be in the form of a sworn affidavit or a certificate issued by the Companies and Intellectual Property Commission in the case of an Exempted Micro Enterprise (EME) with a total annual revenue of less than R3 million if issued in accordance with the amended Construction Sector Codes published in Notice 931 of 2017 of Government Gazette No. 41287 on 1 December 2017 by the Department of Trade and Industry; and
 - be valid at the original advertised tender closing date; and
 - have a date of issue less than 12 (twelve) months prior to the tender closing date (see Tender Data C.2.15).
3. If the B-BBEE Certificate is not valid,
4. A valid BBBEE Certificates shall contain:
 - Name of enterprise as per enterprise registration documents issued by CIPC, and enterprise business address.
 - Value-Added Tax number, where applicable.
 - The B-BBEE Scorecard against which the certificate is issued, indicating all elements and scores achieved for each element. The actual score achieved must be linked to the total points as per the relevant Codes.
 - B-BBEE status with corresponding procurement recognition level.
 - The relevant Codes used to issue the B-BBEE verification certificate.
 - Date of issue and expiry (e.g. 9 June 2018 to 8 June 2019). Where a measured entity was subjected to a re-verification process, due to material change, the B-BBEE Verification Certificate must reflect the initial date of issue, date of re-issue and the initial date of expiry. Re-verification does not extend the lifespan of the B-BBEE Verification Certificate.
 - Financial period which was used to issue the B-BBEE Verification Certificate
5. A valid Sworn Affidavit shall contain:
 - - Name/s of deponent as they appear in the identity document and the identity number.
 - - Designation of the deponent as either the director, owner or member must be indicated in order to know that person is duly authorised to depose of an affidavit.

FORM C1.1: TENDERER'S B-BBEE VERIFICATION CERTIFICATE

FORM C1.1: TENDERER'S B-BBEE VERIFICATION CERTIFICATE

- - Name of enterprise as per enterprise registration documents issued by the CIPC, where applicable, and enterprise business address.
 - - Percentage black ownership, black female ownership and whether they fall within a designated group.
 - - Indicate total revenue for the year under review and whether it is based on audited financial statements or management accounts.
 - - Financial year-end as per the enterprise's registration documents, which was used to determine the total revenue. **The valid format of the Financial Year-End is Day/Month/Year**
 - - B-BBEE status level. An enterprise can only have one status level.
 - - Date deponent signed and date of Commissioner of Oath must be the same.
 - - Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest, and
6. **In the event of a Joint Venture (JV), a project specific (SANRAL project number indicated) consolidated B-BBEE verification certificate in the name of the JV, shall be attached.**
7. **The attached verification certificate and the associated assessment report shall comply with the requirements of Tender Data clause C.3.11.8 and shall identify:**
- (a) **The name and domicilium citandi et executandi of the tenderer.**
 - (b) **The registration and VAT number of the tenderer.**
 - (c) **The dates of granting of the B-BBEE score and the period of validity.**
 - (d) **The expiry date of the verification certificate.**
 - (e) **A unique identification number.**
 - (f) **The standard and/or normative document, including the issue and/or revision used to evaluate the tenderer.**
 - (g) **The name and/or mark/logo of the B-BBEE verification agency.**
 - (h) **The category (Generic, QSE, EME) in which the tenderer has been measured.**
 - (i) **The B-BBEE status level.**
 - (j) **The South African National Accreditation System (SANAS) logo on the verification certificate once verification agencies have been accredited.**
 - (k) **The B-BBEE procurement recognition level.**
 - (l) **The score achieved per B-BBEE element.**
 - (m) **The % black shareholding.**
 - (n) **The % black women shareholding.**
 - (o) **The % black persons with disabilities shareholding**
 - (p) **The % black youth shareholding**
 - (q) **The % black people living in rural or underdeveloped areas or townships shareholding**
 - (r) **The % black military veterans shareholding**
 - (s) **The value-added status of the tenderer.**

FORM C1.1: TENDERER'S B-BBEE VERIFICATION CERTIFICATE

8. **The Employer will not be responsible to acquire data that it needs for its own reporting systems and which may not form part of a verification agency's standard certificate format. The tenderer, at its own cost, must acquire any missing specified data listed in 4 above from its selected verification agency and have it recorded on the certificate. Alternatively, such missing data must be supplied separately, but certified as correct by the same verification agency and also attached to this form.**

FORM C1.2: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (INCORPORATING SBD6.1)

FORM C1.2: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (INCORPORATING SBD6.1)

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00) PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (SBD 6.1)

This preference form must form part of all tenders invited. It contains general information and serves as a claimform for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

a) The applicable preference point system for this tender is the **90/10** preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and Specific Goals	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.

1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

FORM C1.2: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022 (INCORPORATING SBD6.1)

2. DEFINITIONS

- (a) **"tender"** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **"price"** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **"tender for income-generating contracts"** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **"the Act"** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{min} = Price of lowest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
 - (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system, then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

**FORM C1.2: PREFERENCE
POINTS CLAIM FORM IN TERMS
OF THE PREFERENTIAL
PROCUREMENT REGULATIONS
2022 (INCORPORATING SBD6.1)**

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

The specific goals allocated points in terms of this tender	Criteria	Number of points allocated (90/10 system)	Number of points claimed (90/10 system) (To be completed by the tenderer)
B-BBEE level scorecard of the tendering entity.	B-BBEE Level 1	10.00	
	B-BBEE Level 2	9.00	
	B-BBEE Level 3	8.00	
	B-BBEE Level 4	5.00	
	B-BBEE Level 5	4.00	
	B-BBEE Level 6	3.00	
	B-BBEE Level 7	2.00	
	B-BBEE Level 8	1.00	
	Non-compliant contributor	0.00	

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.

5. DECLARATION WITH REGARD TO COMPANY/FIRM

5.1 Name of company/firm.....

5.2 Company registration number:

5.3 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

**FORM C1.2: PREFERENCE
POINTS CLAIM FORM IN TERMS
OF THE PREFERENTIAL
PROCUREMENT REGULATIONS
2022 (INCORPORATING SBD6.1)**

- 5.4 I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
- i) The information furnished is true and correct;
 - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
 - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
 - iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

DATE:

ADDRESS:

.....

.....

FORM D1: SCHEDULE OF TENDERER'S PLANT AND EQUIPMENT

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

The tenderer shall provide details of the major plant and equipment required for this project.

The tenderer shall state below the number of each construction plant to be used on this project and what constructional plant will be immediately available for this contract, what constructional plant will become available by virtue of outstanding orders, and what further constructional plant will be acquired or hired for the work should the tenderer be awarded the contract.

- a) Constructional plant immediately available (I)
- b) Constructional plant on order (O)
(State details of arrangements made, with delivery dates)
- c) Constructional plant that will be acquired or hired (H)
(State details of delivery arrangements)

PLANT AND EQUIPMENT TYPE	NUMBER TO BE USED ON THIS PROJECT	DATE OF MANUFACTURE	AVAILABILITY (State either I, O or H)
Motor grader (40G or similar)			
Vibratory roller (Single drum selfpropelled (5-12 ton))			
Pneumatic roller (27 ton)			
Front end loader (Four-wheel drive front end loader > 75kW)			
Tractor loader backhoe (52 kW)			
Excavator (8 ton)			
Compressor (portable diesel, min. 175 cfm with 1 jackhammer & 30m hose)			
Vibrating plate compactor (min 5 Kw & 124kg)			
Water Cart			
Excavator (8 ton)			
Large milling machine with a cutting			

SIGNED BY TENDERER:

FORM D1: SCHEDULE OF TENDERER'S PLANT AND EQUIPMENT

FORM D2: TENDERER'S METHOD STATEMENT

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

The tenderer shall provide a method statement with the details as indicated on this form.

The method statement must respond to the Scope of Work and Project Information under Part C4 and outline the proposed approach/methodology. The method statement should articulate what value the Tenderer will add by in achieving the stated objectives for the project.

The Tenderer must as such explain the following:

- Its understanding of the objectives of the assignment and the Employer's stated and implied requirements,
- Highlight the issues of importance and explain the technical approach they would adopt to address them, and
- Explain the methodologies which are to be adopted, demonstrate the compatibility of those methodologies with the proposed approach. The approach should also include a quality plan which outlines processes, procedures and associated resources, applied by whom and when, to meet the requirements and indicate how risks will be managed and what contribution can be made regarding value management.

The tenderer must attach his/her approach paper to this page. The approach paper should not be longer than 5 pages.

FORM D2: TENDERER'S METHOD STATEMENT

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D3

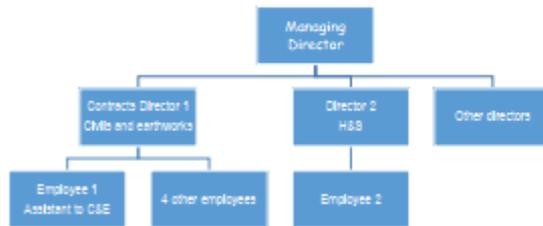
FORM D3: TENDERER'S ORGANISATION AND STAFFING

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Notes to tenderer:

- The intention of this form is to demonstrate the tenderer's project structure, as well as the lines of responsibility between members of the project team and between the project team and the overall company structure. Attach own organogram to this form; do not populate the example diagram below.
- Tenderers which are large companies may simplify the organogram by 'rolling up' portfolios e.g. combining directors/associates into one box of the organogram. However, the individual positions of the key persons within the structure must still be shown. The same person could fill multiple positions.
- Joint Venture tenders require each element of the venture to submit separate organograms that show the individual structure of each member company and the lines of responsibility of the proposed personnel involved in the project. In addition, there must also be a combined organogram that indicates how the joint venture itself will function and the proposed share of the work will become a contractual obligation between the members of the joint venture.
- State the city or town where the company's head office is located. The locality of regional or satellite offices, regardless of degree of autonomy or size is not required. Only submit the number of offices other than the head office. Do not count offices outside RSA.
- Registered professional engineers, technicians or technologists means those who are involved in the road construction/transport industry. Registered professionals of other disciplines (e.g. mechanical) are considered as employees only.
- In the lower table list those who will be involved in priority order of most to least responsibility for the service. Provide details of the key staff. Except for the MD, all of others must submit Forms D4. The same person may perform multiple roles.



Head Office:	State City/Town. See note 4.
Other Offices:	Only list number, See note 4
Registered Professionals: ECSA or in terms of ECSA approved International Agreements (PrEng, PrTechEng, PrCertEng, PrTechniEng)	See note 5
Registered Professionals: SACPCMP (Pr CM)	See note 5
Total Employees:	
% share in JV agreement:	State 100% if no JV

T-43

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D3

Name of employee	Position in team	Estimated monthly hours	Relevant specialist areas of knowledge demonstrating suitability for position
	Managing Director		
	Contracts Director		
	Contracts Manager		
	Construction manager (Contractor's Representative)		

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D4.1

NOT REQUIRED

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D4.2

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

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

1. The Tenderer shall provide details of the Contracts Manager's, professional registration, years' experience as well as details of previous experience required for this project.

The Contracts Manager must meet the following minimum requirements as stipulated and the tenderer must append proof of registration to this form:

Professional Registration	Minimum Years of Relevant Experience
SACPCMP as PrCM or ECSA as PrEng or PrTechEng, PrTechni	5

2. Where ECSA registration is required, Professional Registration with the Engineering Council of South Africa (ECSA) or any other equivalent registration with an international body recognised by ECSA, i.e. Washington Accord, Dublin Accord and Sydney Accord, is accepted.
3. In the event that the Contracts Manager are not in its permanent employment, the tenderer shall provide a signed undertaking from an organisation having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement.
4. The Contracts Manager shall be; the single point of accountability and responsible for the management of the construction works. Where the Contracts Manager will not be employed on the Works full time, his powers will be delegated to the approved construction manager in accordance with Clause 4.3 of the Conditions of Contract.
5. If the tenderer's experience does not meet the stipulated minimum requirement, or does not respond within stated period when requested to do so; the tender will be declared non-responsive in terms of clause C.3.13 (b) of the Tender Data.

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D4.2

NAME	POSITION IN TEAM	ECSA Reg. No	ECSA CATEGORY	SACPCMP Reg No	SACPCMP CATEGORY	No. OF YEARS EXPERIENCE
	CONTRACTS MANAGER					

Technical/Managerial Experience

(List only the most recent 5 projects of the key staff that the tenderer considers relevant to the specified scope of

CLIENT	DESCRIPTION OF PROJECT	PROJECT START DATE	PROJECT END DATE	VALUE	POSITION HELD	CONTACT PERSON AND FIRM	CONTACT No.

Comments:

I confirm that the information provided herein is true, that the projects reported, and the corresponding responsibilities are truly the experiences of the firm or consortium of firms tendering for this project.

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D4.3

FORM D4.3: TENDERER'S KEY PERSONNEL EXPERIENCE (CONSTRUCTION MANAGER (CONTRACTOR'S REPRESENTATIVE))

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

- The Tenderer shall provide details of the Construction Manager's (Contractor's Representative's), professional registration, years' experience as well as details of previous experience required for this project.
- The Construction Manager (Contractor's Representative) must meet the following minimum requirements as stipulated and the tenderer must append proof of registration to this form:

Professional Registration	Minimum Years of Relevant Experience
SACPCMP as PrCM or ECSA as PrEng or PrTechEng, PrTechni	5

- Where ECSA registration is required, Professional Registration with the Engineering Council of South Africa (ECSA) or any other equivalent registration with an international body recognised by ECSA, i.e. Washington Accord, Dublin Accord and Sydney Accord, is accepted.
- In the event that the Construction Manager (Contractor's Representative) are not in its permanent employment, the tenderer shall provide a signed undertaking from an organisation having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement.

If the tenderer's experience does not meet the stipulated minimum requirement or does not respond within stated period when requested to do so; the tender will be declared non-responsive in terms of clause C.3.13 (b) of the Tender Data.

NAME	POSITION IN TEAM	ECSA Reg. No	ECSA CATEGORY	SACPCMP Reg No	SACPCMP CATEGORY	No. of Years Experience
	CONSTRUCTION MANAGER (CONTRACTOR'S REPRESENTATIVE)					

Technical/Managerial Experience

(List only the most recent 5 projects of the key staff that the tenderer considers relevant to the specified scope of works)

CLIENT	DESCRIPTION OF PROJECT	PROJECT START DATE	PROJECT END DATE	VALUE	POSITION HELD	CONTACT PERSON AND FIRM	CONTACT No.

Comments:

I confirm that the information provided herein is true, that the projects reported, and the corresponding responsibilities are truly the experiences of the firm or consortium of firms tendering for this project.

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D5.1

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

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

1. The tenderer shall provide details of previous experience required for this project in the spaces provided below and attach contract performance evaluation certificates in the form of CIDB Contractor Performance Reports or an official reference letters from previous employer(s)
2. The Tenderer must have satisfactorily completed (at least completed as a prime contractor, joint venture member, management contractor or sub-contractor) a minimum number of 3 similar contracts matching the subject project's scope of work, between 1st January 2009 and tender submission deadline. Each completed contract must have a minimum value that exceeds R 45 000 000.00 and have a Performance Rating not less than zero (0) Adequate, as rated in terms of the CIDB Performance Rating system or official reference letters from previous employer(s).
3. For contracts under which the Tenderer participated as a joint venture member or sub-contractor, only the Tenderer's share, by value, shall be considered to meet the minimum value requirement.
4. If the Tenderer is a joint venture, the value of contracts completed by the individual joint venture members can be combined and shall be treated as one contract to determine whether the requirement of the minimum value of a single contract has been met. In the case of combined contracts, each contract performed by each member shall exceed fifty percent (50%) of the minimum value of a single contract as required for single entity. In determining whether the joint venture meets the requirement of total number of contracts, the number of contracts completed by all JV members each of value equal or more than the minimum value required shall be aggregated. For the afore-mentioned purpose, contracts which are combined to meet the minimum value shall be treated as one contract.
5. If the tenderer's experience does not meet the stipulated minimum requirement e.g. less than the minimum stipulated number of recent civil engineering contracts; or If the proposed project is not relevant and as a result the tenderer does not meet the minimum requirement; the tender will be declared non-responsive in terms of clause C.3.13 (b) of the Tender Data.

(List only the most recent 3 projects of the firm that the tenderer considers relevant to the specified scope of works)

CLIENT	DESCRIPTION OF PROJECT	PROJECT START DATE	PROJECT END DATE	VALUE OF WORK (i.e. the service provided) inclusive of VAT (Rand)	CONTACT PERSON AND FIRM	CONTACT NUMBER	CIDB EQUIVALENT PERFORMANCE RATING (NOT REQUIRED WHERE AN OFFICIAL REFERENCE LETTERS FROM PREVIOUS EMPLOYER(S) IS ATTACHED)

Comments:

I confirm that the information provided herein is true, that the projects reported, and the corresponding responsibilities are truly the experiences of the firm or consortium of firms tendering for this project.

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D5.2

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

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

1. Submission of this form is optional. This form must be submitted if the tenderer does not comply with the requirements of Form D5.1, and elects to list projects that are in progress to comply with afore- mentioned requirements.
2. The Tenderer must list details of similar projects in progress (as a prime contractor, joint venture member, management contractor or sub-contractor) matching the subject project's scope of work, between 1st January 2009 and tender submission deadline. Each project in progress must have a certified value of work that exceeds 80% of the awarded value and exceeds R45 000 000.00, and have a Performance Rating not less than zero (0) Adequate, as rated in terms of the CIDB Performance Rating system. The Performance Rating and certified value of work at closing date must be confirmed by the Project Employer or Project Engineer in writing.
3. For contracts under which the Tenderer participated as a joint venture member or sub-contractor, only the Tenderer's share, by value, shall be considered to meet the minimum value requirement.
4. If the Tenderer is a joint venture, the value of contracts completed by the individual joint venture members can be combined and shall be treated as one contract to determine whether the requirement of the minimum value of a single contract has been met. In the case of combined contracts, each contract performed by each member shall exceed fifty percent (50%) of the minimum value of a single contract as required for single entity. In determining whether the joint venture meets the requirement of total number of contracts, the number of contracts completed by all JV members each of value equal or more than the minimum value required shall be aggregated. For the afore-mentioned purpose, contracts which are combined to meet the minimum value shall be treated as one contract.
5. If the tenderer's experience not meeting minimum requirements (certified value of work that exceeds 80% of the awarded value and exceeds specified rand value); or if the proposed project is not relevant and as a result the tenderer does not meet the minimum requirement; the tender shall be declared non-responsive.

(List only the most recent 3 projects of the firm that the tenderer considers relevant to the specified scope of works)

CLIENT	DESCRIPTION OF PROJECT	PROJECT START DATE	PROJECT END DATE	AWARD VALUE OF WORK (i.e. the service provided) inclusive of VAT (Rand)	VALUE OF WORKS CERTIFIED BY THE ENGINEER	CONTACT PERSON AND FIRM	CONTACT NUMBER	CIDB PERFORMANCE RATING

Comments:

I confirm that the information provided herein is true, that the projects reported, and the corresponding responsibilities are truly the experiences of the firm or consortium of firms tendering for this project.

SIGNED BY TENDERER:

FORM D6: TENDERER'S INDICATIVE PROGRAM

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Notes to tenderer:

1. The tenderer shall attach an indicative programme, reflecting the:
 - Contract period;
 - proposed sequence or order of execution of the work;
 - Resources anticipated; and
 - tempo of execution of the various activities comprising the work for this contract.
2. The programme shall be in accordance with the information provided in Form D1: Schedule of Tenderer's Plant and Equipment, Form D2: Tenderer's Method Statement, Form D7: Schedule of Estimated Monthly Expenditure, Form D8: Schedule of Subcontractors, and with all other aspects of the tender.
3. If a tenderer wishes to submit an alternative tender then this form, appropriately completed, shall also be attached to the Pricing Schedule for the alternative proposal.

**FORM D1 to D9: TECHNICAL
SUBMISSION FORMS – D6**

SIGNED BY TENDERER:

FORM D7: SCHEDULE OF ESTIMATED MONTHLY EXPENDITURE

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

Note to tenderer:

If a tenderer wishes to submit an alternative tender then this form, appropriately completed, shall also be attached to the Pricing Schedule for the alternative proposal.

The tenderer shall state his estimated value of the work to be completed every month, based on his preliminary programme and his tendered unit rates, in the table below.

CERTIFICATE / MONTH	VALUE	CERTIFICATE / MONTH	VALUE
1	R.....	TOTAL b/f	R.....
2	R.....	9	R.....
3	R.....	10	R.....
4	R.....	11(FINAL)*	R.....
5	R.....		
6	R.....		
7	R.....		
8	R.....		
TOTAL <i>of</i>	R.....		
			TOTAL: R.....

* Final payment at end of Defects Notification Period is for balance of retention and any other payments due.

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D7

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D8

FORM D8: SCHEDULE OF SUBCONTRACTORS

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

With regard to sub-clause 4.4 of the FIDIC Conditions of Contract as amended:

Notes to tenderer:

1. The tenderer shall list below the items of work he intends to subcontract.
2. Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any or all of the subcontractors not be approved subsequent to the acceptance of the tender, it shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed below being approved by the engineer.

ITEM OF WORK	NAME OF SUBCONTRACTOR (IF KNOWN) AND INDICATE INTENDED SPECIALIST SUBCONTRACTORS WITH "S"	% VALUE OF THE TENDER AMOUNT SUB-CONTRACTED	B-BBEE STATUS LEVEL OF SUB-CONTRACTOR	STATE IF TARGETED ENTERPRISE	STATE IF EME

SIGNED BY TENDERER:

FORM D1 to D9: TECHNICAL SUBMISSION FORMS – D9

FORM D9: CORPORATE SOCIAL INVESTMENT

CONTRACT SANRAL N.002-300-2020/1

THE CONSTRUCTION OF PAVEMENT AND SETTLEMENT REPAIRS ON NATIONAL ROUTE 2, SECTION 30 FROM BUSHVELD RETREAT FARM (KM 47.00) TO HLUHLUWE INTERCHANGE (KM 55.00)

With regard to clause D1012: Community Development, of the Project Specifications:

Notes to tenderer:

1. The tenderer shall list below his own Corporate Social Investment initiatives that will actively be pursued for this project.
2. The Corporate Social Investment initiatives will be evaluated and applied as objective criteria in terms of section 2(1)(f) of the Preferential Procurement Policy Framework Act, 2000.

CSI INITIATIVE	COMMUNITY AFFECTED	ESTIMATED RAND VALUE OF INITIATIVE	ESTIMATED TIME FOR IMPLEMENTATION

SIGNED BY TENDERER:

FORM E1 to E4: PRODUCT SUBMISSIONS

Not applicable. Not included in contract

FORM E5 to E7: PRODUCT SUBMISSIONS

Not applicable. Not included in contract

FORM F1:

Note this form has been created as an aid to ensure a tenderer's compliance with the completion of the returnable forms

TYPICAL ERRORS IN PREVIOUS SUBMISSIONS

1. **BOQ in Excel format** not included either in the original or Copy.
2. **Minimum Local Content** and production does not meet the minimum threshold
 - Form A.3.5 Declaration of local content – local content below minimum threshold, or minimum content not indicated
 - Exchange Rates not specified when some goods are marked as import
 - Import percentage not specified when some goods are marked as import
3. **Completed or in progress Projects** are not meeting minimum value required or not of similar scope
4. **Form A8 Letter** from Financial Service provider is not project specific or older than three months
5. **Key Personnel** do not meet minimum requirements.
6. Some **members of the joint venture** are not registered with CIDB
7. **BBBEE Score Cards.**
 - Separate scorecards for JV submissions
 - Joint Venture score cards which are **not project specific**
7. Do **not ZIP files** to the Flash drive. Do not **PASSWORD PROTECT** files to the Flash drive.
8. **Check contents** of your Flash drive before submitting the tender.

SCOPE OF WORKS

SANRAL



BUILDING SOUTH AFRICA
THROUGH BETTER ROADS

ROADWORKS - EXISTING

- **PAVEMENT HISTORY**

- According to the information received, the National Route 2 Section 30 was originally constructed in the 1970's with a major rehabilitation in 2001 which was designed to an ES3/ES10 traffic class or design life standard.
- The pavement structure provided is as shown below:
 - 1970: 300 mm G7 Selected layer
 - 2001: 20 mm Cape Seal (S4)
150 mm G1 Crushed Stone Base Layer
200 mm C3 cement stabilised layer
 - 2013: 20/9 Surfacing seal (S2)

Table 3-1: Existing Pavement History.

Description	Layer Thickness	Year of construction
20/9 Surfacing seal (S2)		2013
Cape seal (S4)	20mm	2001
G1 Crushed stone Base Layer	150mm	
200mm C3 cement stabilised layer	200mm	
300mm G7 Selected layer	300mm	1970

- **MAINTENANCE HISTORY**

- It is evident that periodic maintenance is undertaken on the project route section. The known interventions are described as above but is not a true reflection of the existing pavement.
The current status of the Routine Road Maintenance in terms expenditure is high.

ROADWORKS - EXISTING

- **EXISTING ROAD**

The existing road section comprises an undivided single carriageway with one 3.7 m lane in each direction and a 2.5 m surfaced shoulder with a gravel shoulder on either side, as measured during the visual assessment of the road section.

The road section includes long lengths of concrete edge beams constructed along the edge of the existing surfacing.

- **EXISTING CROSSROADS**

The road section includes two (2) agricultural overpasses, one at km 47.7 with a crossroad widths of 8 m; and one at km 51.27 with a crossroad width of 3.5 m.

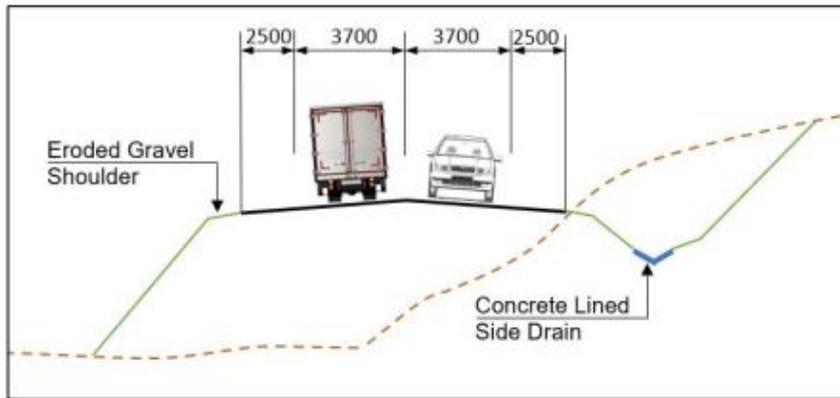


Figure 3-1: N2-30 Cross-section as measured during Visual Evaluation.

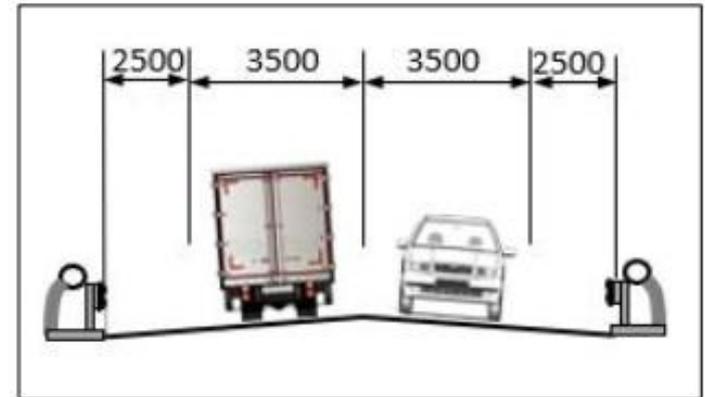


Figure 3-3: Hluhluwe Interchange Cross Road Cross Section.

- EXISTING INTERCHANGES

There is one diamond interchange at Hluhluwe where the R22 crosses with the N2 at km 55.0. It should be noted that only the southern ramps of the Interchange forms part of this project.

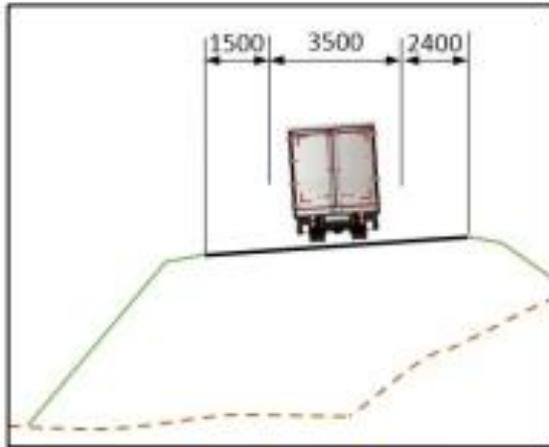


Figure 3-4: Hluhluwe Ramp A&B Cross Section.

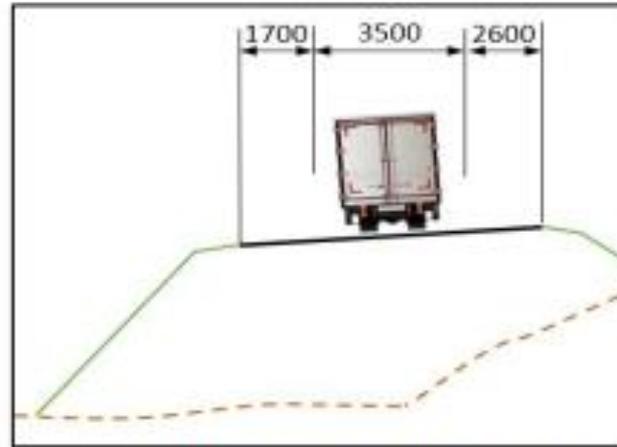


Figure 3-5: Hluhluwe Ramp C&D Cross Section.

- CUT AND FILL BATTER SLOPES

The existing batters seem to be in the order of 1:2 and do not show signs of erosion but are in fact very overgrown.

ROADWORKS - EXISTING

- ACCESSES

One private access on the road which is located on one of the abnormal (over height) vehicle diversions. The abnormal vehicle bypass has a direct access at km 47.2. There are no residential areas or settlements in close vicinity of the road.

- ABNORMAL VEHICLE BYPASSES

The road section includes abnormal vehicle diversions (at agricultural overpasses) configured as off- and on ramps to allow over height vehicles to avoid the vertical clearance restriction of the overpasses. The widths of these abnormal vehicle diversions are 8 m.

The Road Section includes two abnormal ramps.

Ramp 1 is located at km 47.180 to km 47.710 (northbound carriageway towards Pongola).

Ramp 2 is located at km 51.110 to km 51.570 (southbound carriageway towards Richards Bay).



Figure 3-7: Abnormal Bypass Ramp 1 - km 47.180 to km 47.710.



Figure 3-8: Abnormal Bypass Ramp 2 – km 51.110 to km 51.570.

ROADWORKS - EXISTING

BRIDGES

The section of road includes three existing bridges on the N2 Section 30N of which one is a river bridge:

Km	Bridge Number	Bridge Name	Bridge Description	Bridge Co-ordinates	Deck Type
▲ TO MTUBATUBA (RICHARDS BAY)					
47.4	B1036	Ncemane Overpass	Agricultural Overpass 3 Span Bridge	28°04'32.83"S 32°15'50.82"E	Simply Supported
51.29	B1038	Umbizane Overpass	Agricultural Overpass 3 Span Bridge	28°02'38.10"S 32°14'51.35"E	Simply Supported
54.44	B1039	Mzinene River Bridge	River Bridge 2 Span Bridge	28°00'59.10"S 32°14'22.29"E	Continuous

▼ TO PONGOLA

MAJOR DRAINAGE CULVERTS

The section of the road includes two drainage culverts and two agricultural underpasses.

Km	Culvert Number	Culvert Name	Culvert Description	Culvert Coordinates	Culvert Type
▲ TO MTUBATUBA (RICHARDS BAY)					
48.94	IDC3761	Morrisfield Agricultural Underpass	Agricultural Underpass Single Barrel	28°03'46.65"S 32°15'27.46"E	Cellular
49.14	C379	Ncemane River Tributary 1	Drainage Culvert 3 Barrel	28°03'41.67"S 32°15'24.51"E	Cellular
50.27	C380	Ncemane River Tributary 2	Drainage Culvert 2 Barrel	28°03'8.22"S 32°15'7.12"E	Cellular
53.46	C381	Lyta Agricultural Underpass	Agricultural Underpass Single Barrel	28°01' 30.58"S 32°14'32.29"E	Cellular
▼ TO PONGOLA					

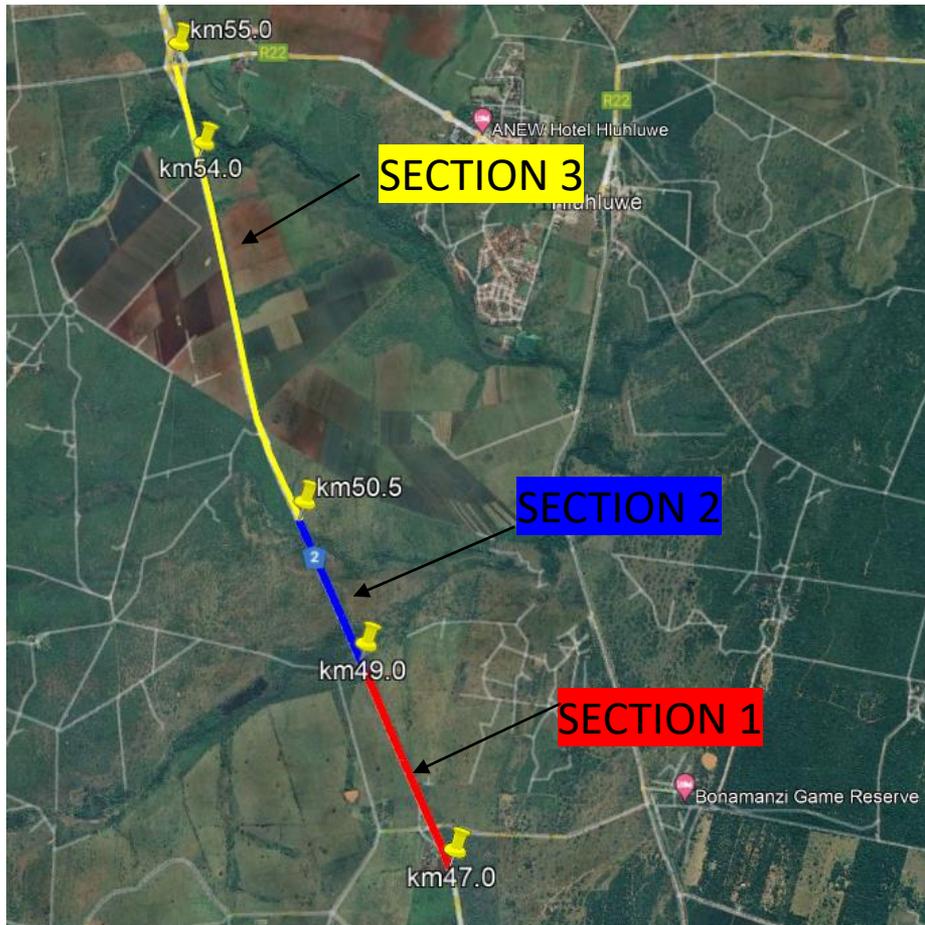
MINOR DRAINAGE CULVERTS

The Road Section includes various minor drainage structures:

TYPE	SIZE (mm) - DIAMETER	NO.
PIPE CULVERTS	1/ 600Ø	21
	2/600Ø	1
PORTAL CULVERTS	450 X 600	3
UNKNOWN (1 PIPE, 1 PORTAL)	UNKNOWN	9

The road section was divided into three uniform sections:

- Section 1: km 47.0 to km 49.0 with a length of 2.0 km
- Section 2: km 49.0 to km 50.5 with a length of 1.5 km (Ncemané River floodplain)
- Section 3: km 50.5 to km 55.0 with a length of 4.5 km



Project critical works and conditions to be noted are as follows:

- High volume of heavy traffic.
- This will challenge traffic calming and accommodation. The traffic speeds must be reduced to 80km/h or less and carefully managed.
- This requires nightwork to reduce impact on critical freight to and from the harbour. During daylight two-way traffic must be ensured.
- High rainfall, flooding and overtopping of the N2.
- High rainfall conditions may challenge surface and subsurface drainage works.
- Overtopping events have occurred in Section 2 (km 49.0 to km 50.5) with the floodplain draining very slowly, especially upstream.



Restricted working conditions

A8.3(m)

Accommodation of traffic restrictions

During the contractor's annual shutdown period between December and January and during all embargo periods, the contractor shall maintain two-way traffic within the contract limits.

The contractor shall maintain two-way traffic during day- time between 07:00 and 17:00. Limited stop/go operations may be allowed for patchwork / emergency work during daytime if approved by the Engineer on site.

PRE-TREATMENT

The existing road and ramps within the project limits shall receive a pre-treatment in accordance with one or more of the methods described in Chapter 8 of the latest COTO specification. These pre-treatment methods shall include inter alia, the following:

Planing

Planing (25mm max.) of the entire project length and over the full width of the existing surfacing. The planing machine shall be equipped with a micro fine milling drum and shall be able to correct existing levels as required. The planing operations shall be so planned that planing with a fog spray applied where required on the planed surfaces (in uniform sections 1 and 3) and both operations shall be completed within the work shift hours before opening to traffic.

The Contractor shall also make provision for shoulder closures as necessary where the planing operations may have caused the complete removal of the existing surfacing on the low side (surfaced shoulders) in which case it shall be repaired with 50mm asphalt under the direction of the Engineer. Structural and surface patch work in uniform sections 1 and 3 shall be completed before planing and crack sealing shall be undertaken after planing operations.

Crack sealing

Crack sealing using modified binder class C-R1 or C-E1 and shall be in accordance with the latest publication of TG1. Blowing out of cracks shall be by utilising a hot air lance. Where required or so indicated by the Engineer, a vibratory steel-wheeled roller of between 2 and 4 tons mass with an adjustable amplitude and frequency of vibration shall be utilised to flatten out any ridges.

The planing operations in uniform section 2 shall be so planned for a work shift that planing with the construction of the levelling screed and with sacrificial transverse inclined joints at both ends are completed within the work shift hours before opening to traffic.

Where the vertical difference of the longitudinal joint in opposite lanes are more than 25mm after planing operations, in any of the uniform sections, a temporary solid white 'no overtaking' line shall be applied within the work shift hours of the construction section before opening to traffic.

Asphalt Surface patching (Uniform sections 1 & 3)

- Mill out 50mm
- Inlay 50mm AC (A-E2, 14mm NMPS)
- Application of asphalt reinforcing paving grid (type 2) at the discretion of the Engineer
- Final 50mm AC overlay (A-E2, 14mm NMPS with 10mm precoated rolled-in chips)

Asphalt Base patching or structural patching (Uniform sections 1 & 3)

- Mill out 200mm or to top of existing subbase
- Inlay 150mm (A-E2, 14mm NMPS in 50mm lifts)
- Application of asphalt reinforcing paving grid (type 2) at the discretion of the Engineer
- Inlay 50mm AC (A-E2, 14mm NMPS)
- Final 50mm AC overlay (A-E2, 14mm NMPS with 10mm precoated rolled-in chips)

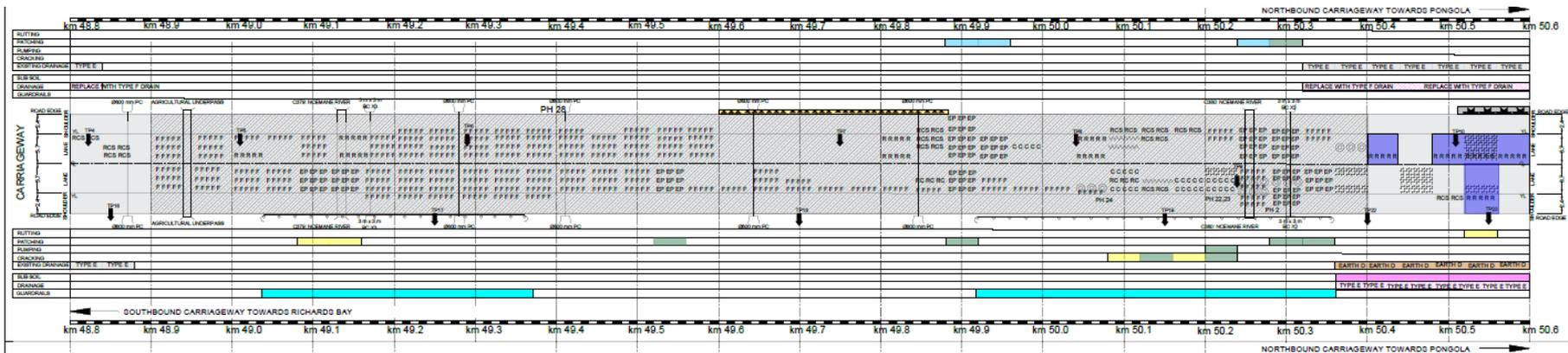
Should the patch size limit the use of the specified A-E2 binder, the use of conventional 50/70 Penetration Grade Binder shall be permitted in the asphalt, but subject to the written approval by the Engineer after an approved trial section has been completed.

PAVEMENT REHABILITATION AND ASPHALT OVERLAY

In uniform section 2, multiple failures that resulted from active clayey materials present in the fill and in-situ materials are affecting undulations with relatively short wavelengths and therefore increasing the dynamic loading on the pavement structure. The undulations are such that drivers may lose control of their vehicles over these sections. It is imperative that these undulations are corrected by planing of the existing surfacing and an accompanying asphalt screed. It may be required to undertake multiple planing operations over the same construction section with or without multiple levelling screed operations.

The existing route section camber is substandard and corrections by planing and the construction of subsequent asphalt layers are aimed to remedy the substandard camber.

Payment for preparatory work for the improvement of the riding quality and substandard camber is allowed for under pay item C5.5.2.1 and testing allowed for, inter alia, under pay item C9.1.14.

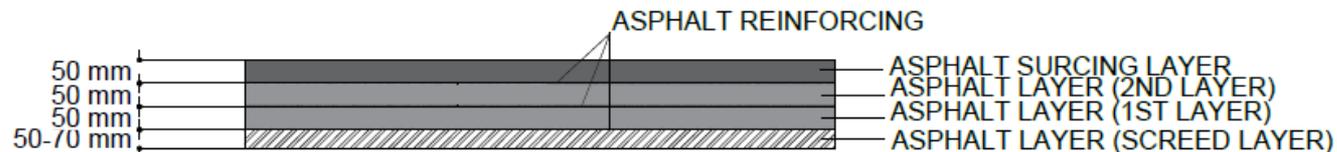


PAVEMENT REHABILITATION AND ASPHALT OVERLAY

Large area pavement rehabilitation in Uniform Section 2 shall entail the following:

- Plane existing surfacing
- Overlay 50mm to 70mm AC levelling screed layer 1 (A-E2, 14mm NMPS)
- And repeated, if required. Riding quality measurements shall be submitted before and after the planing operations and construction of the levelling screed.
- Fibreglass asphalt reinforcement grid (type 2) layer 1
- Overlay 50mm AC layer 2 (A-E2, 14mm)
- Fibreglass asphalt reinforcement grid layer (type 2) layer 2
- Overlay 50mm AC layer 3 (A-E2, 14mm)
- Fibreglass asphalt reinforcement grid layer (type 2) layer 3
- Final Overlay 50mm AC layer 4 (A-E2, 14mm with 10mm precoated rolled-in chippings)

All asphalt surface- and structural patching, as well as asphalt overlay(s) or lifts, shall include a bond coat(s) as a first application on all repairs, be it on a first or subsequent asphalt layer(s) to ensure adequate bonding with the underlying substrate layer. The vertical sides of the excavation or adjoining layer shall also receive a bond coat.



ASPHALT SURFACING

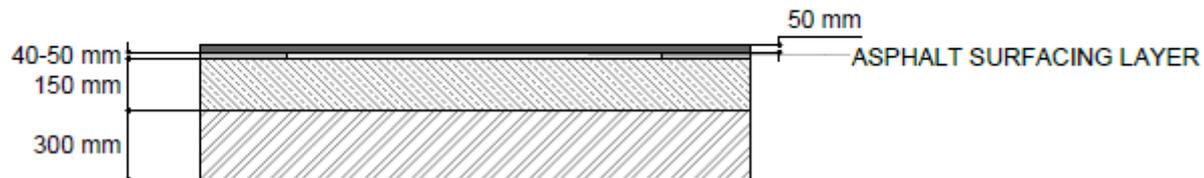
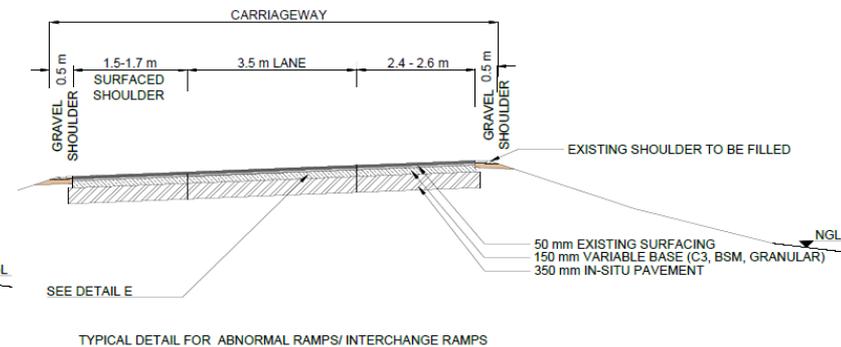
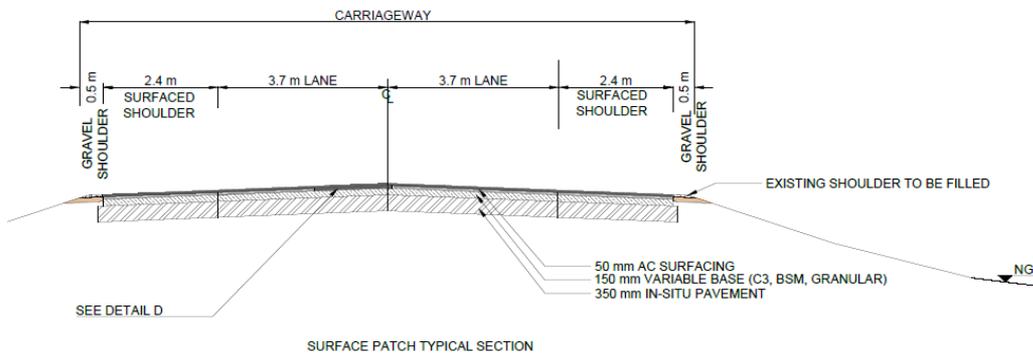
CARRIAGEWAY

Once all the patches and repairs are complete the entire roadway will receive a bond coat followed by a 50 mm AC with 10 mm precoated rolled-in chips.

INTERCHANGES/ INTERSECTIONS AND BYPASSES

Hluhluwe Interchange Southern ramps and abnormal vehicle bypasses :

Once all the patches and repairs are complete the entire roadway will receive a bond coat followed by a 50 mm asphalt surfacing with 10mm precoated rolled-in chips.



ASPHALT SURFACING

Overhead Structures:

The vertical clearance of the overpass structures is such that no increase in the pavement surfacing level is permitted and existing top of surfacing levels shall be maintained at the overpass structures for a minimum length of 25m from the bridge deck centre in either direction along the N2-30.

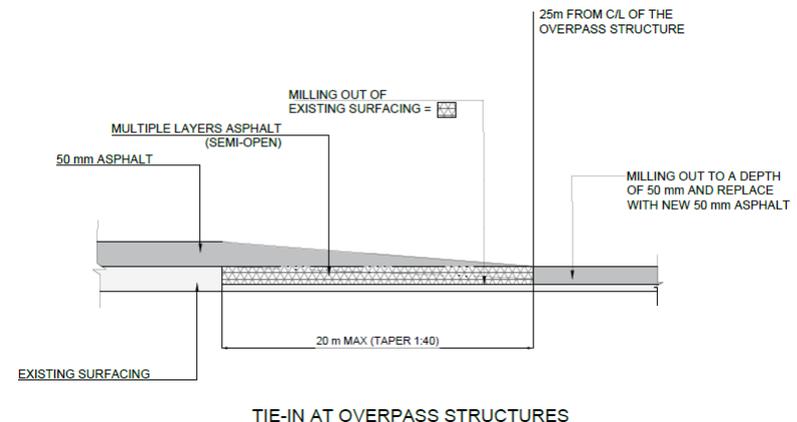
It is a requirement that the existing surfacing on the N2-30 be overlaid (50mm AC) and to maintain the bridge clearances.

The result of the above requires that the repaired pavement shall be milled off to a depth of at least 50mm below the existing surfacing levels for a minimum length of 25m from the bridge deck centre in either direction along the N2-30 and overlaid with the asphalt layer as specified.

To tie in the lowered inlay rehabilitation sections under existing overpasses with the new surfacing levels, a minimum 1:40 taper (2m length for 50mm vertical height difference) shall be milled out away from the lowered section in either direction along the N2-30 and backfilled with the specified asphalt in multiple layers if required, of 50mm minimum each. Longer tie-in sections may be required for practicality, but shall each be limited to 20m in length.

The above shall apply to the following structures:

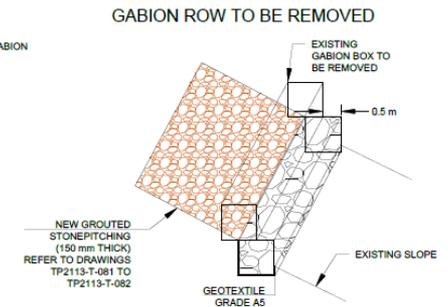
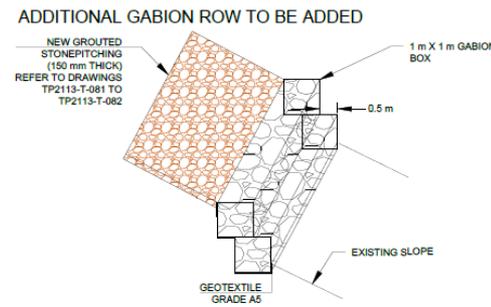
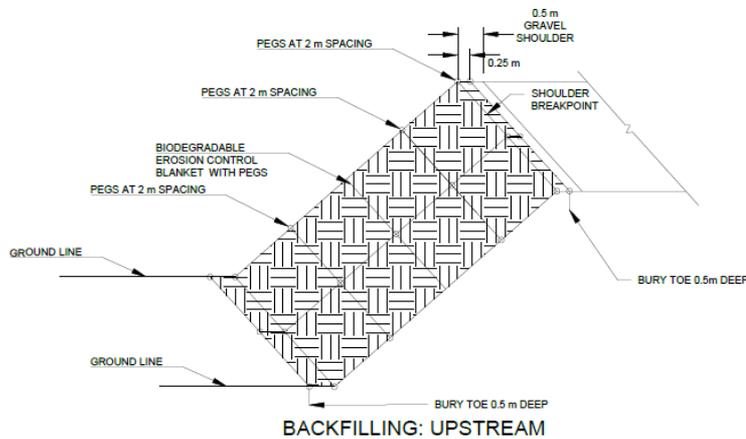
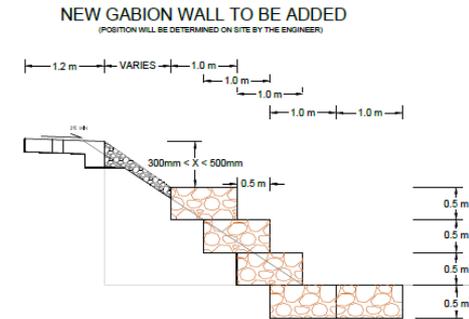
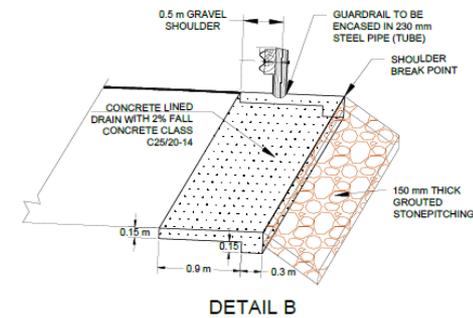
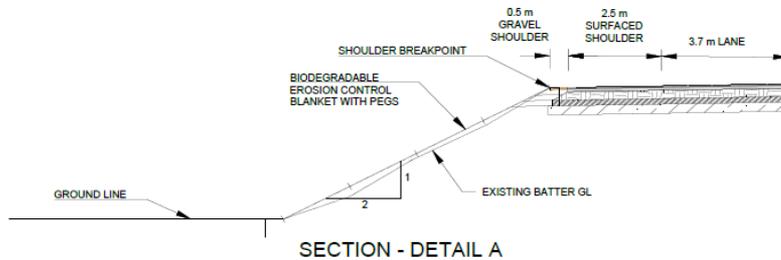
- B1036 Ncemane Overpass - km 47.40
- B1038 Unbizane Overpass – km 51.290
- B868 Hluhluwe Interchange – km 54.980 – pavement rehabilitation to end not closer than 30 m south of the bridges.



SLOPE STABILISATION

Slope protection measurements to be incorporated between km 49.050 and km 50.250 on both the upstream and downstream side of the floodplain.

- Upstream: Backfilling of the slope with a biodegradable erosion control blanket.
- Downstream: Embankment repair, upgrade shoulder with concrete and stone pitching onto gabion erosion protection.



BACKFILLING: DOWNSTREAM

DRAINAGE

SUBSOIL DRAINS

Subsoil drains are to be installed at the following locations northbound towards Pongola (LHS):

From Km	To km	Length m
47,250	47,290	40,000
47,380	47,480	100,000
50,780	50,840	60,000
53,040	53,360	320,000
54,18	54,2	20,000
54,72	54,96	240,000
TOTAL LENGTH		780

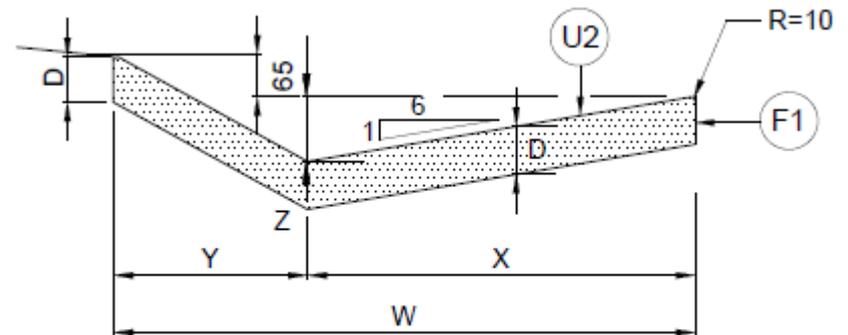
Subsoil drains are to be installed at the following locations southbound towards Richards Bay (RHS):

From Km	To km	Length m
47,380	47,480	100,000
47,520	47,800	280,000
48,480	48,680	200,000
50,360	50,600	240,000
50,820	50,880	60,000
51,000	51,500	500,000
52,700	52,940	240,000
53,680	53,800	120,000
54,180	54,200	20,000
54,200	54,320	120,000
54,740	54,960	220,000
TOTAL LENGTH		2100

CONCRETE LINED DRAINS

Type F concrete lined drains are to be installed on top of the subsoil drains at the following locations northbound towards Pongola (LHS):

From km	To (km) km	Length m
47,250	47,290	40
47,380	47,480	100
50,78	50,84	60
53,040	53,360	320
54,18	54,2	20
54,72	54,96	240
TOTAL		780

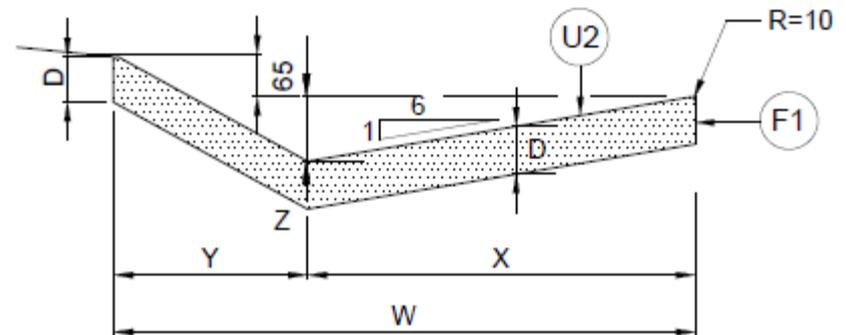


CROSS SECTION OF TYPE 'F' CONCRETE
SIDE CHANNEL

CONCRETE LINED DRAINS

Type E concrete lined drains need to be replaced with Type F concrete lined drains at the following locations northbound towards Pongola (LHS):

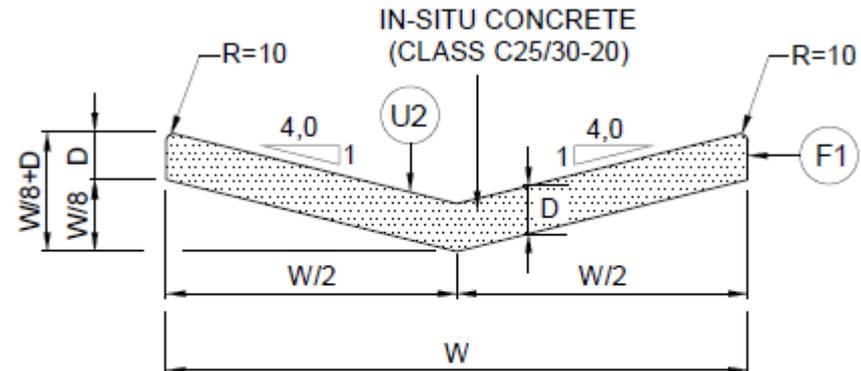
From Km	To (km) km	Length m
47,48	47,52	40
47,76	47,96	200
48,12	48,84	720
50,32	50,64	320
50,84	51,48	640
51,8	52,4	600
52,4	52,58	180
52,68	53,4	720
53,4	53,48	80
53,68	53,88	200
54,2	54,4	200
TOTAL		3900



CROSS SECTION OF TYPE 'F' CONCRETE
SIDE CHANNEL

Concrete lined drains Type E are to be installed at the following locations southbound towards Richards Bay (RHS):

From km	To km	Length m
47,380	47,480	100,000
47,520	47,800	280,000
48,480	48,680	200,000
50,360	50,600	240,000
50,820	50,880	60,000
51,000	51,500	500,000
52,700	52,940	240,000
53,680	53,800	120,000
54,180	54,200	20,000
54,200	54,320	120,000
54,740	54,960	220,000
Total		2100



CROSS SECTION OF TYPE 'E' CONCRETE CHANNEL

STRUCTURES

BRIDGES

B1036 Ncemane Overpass at chainage 47.4km

- Guardrails to be installed at edge of surfacing to protect piers and abutments.

B1038 Umbizane Agricultural Overpass at chainage 51.29km

- Guardrails to be installed at edge of surfacing to protect piers and abutments.

B1039 Mzinene River Bridge at chainage 54.44km

- Replace existing deck surfacing and bridge joints.
- Clean bridge scuppers.
- Clear debris from deck sides
- Replace missing grid inlet covers to stormwater chamber.

STRUCTURES

CULVERTS

IDC3761 Morrisfield Agricultural Underpass at chainage 48.94km

- Clear debris from inside of culvert.
- Pressure wash inside faces of culvert.
- Crack-injection and fill structural cracks.
- Replace missing grid inlet covers to stormwater chamber.

C379 Ncemane River Tributary 1 at chainage 49.14km

- Clear debris from inside of culvert.
- Pressure wash inside faces of culvert.
- Crack-injection and filling structural cracks.
- Clear and grub behind gabions and backfill.

C380 Ncemane River Tributary 2 at chainage 50.27km

- Pressure wash inside faces of culvert.
- Clear debris from inside of culvert.
- Crack-injection and fill structural cracks.

GUARDRAILS

All the guardrails along the Road Section needs to be upgraded to the required standard.

Guardrails are located at the following locations:

Northbound towards Pongola (LHS):

No.	Description	From (km)	To (km)	Side of the Road	Length (m)
1	Guardrail	53,420	53,640	LHS	220,00

Southbound towards Richards Bay (RHS):

No.	Description	From (km)	To (km)	Side of the Road	Length (m)
2	Guardrail	49,040	49,380	RHS	340,00
3	Guardrail	49,920	50,340	RHS	420,00
4	Guardrail	52,420	52,640	RHS	220,00
5	Guardrail	53,420	53,640	RHS	220,00
TOTAL LENGTH					1200,00

Hluhluwe Interchange On-ramp (South):

No.	Description	From (km)	To (km)	Side of the Road	Length (m)
6	Guardrail			On-ramp LHS	100,00
7	Guardrail			On-ramp RHS	100,00
TOTAL LENGTH					200,00

Hluhluwe Interchange Off-ramp (South):

No.	Description	From (km)	To (km)	Side of the Road	Length (m)
8	Guardrail			Off-ramp LHS	390,00

ROAD SIGNAGE

- Most of the road signage along the road section is missing or in disrepair. Therefore, all road signage will be replaced along the road section.

ROAD MARKINGS AND ROAD STUDS

- Retroreflective road marking will be added to the road surface over the full route at once the roadworks is complete. Thermoplastic road marking will be applied prior to the end of the defect's liability period.
- The existing road marking is to be installed to the current layout. The contractor shall survey the existing road marking prior to commencement with work.
- New road studs will be instated as per the road marking alignment.

FENCING

- Urgent repair works to be completed where required.

ROAD RESERVE FINISHES

- Road reserve finishes will apply.

MAINTENANCE WORKS

- The maintenance of the route within the limits of construction (km 47.0 to km 55.0) will be the responsibility of the Contractor during the implementation of the project.

This will include the following maintenance works:

- Cleaning of the earth drains and culverts and maintenance for the full duration of the project;
- Cutting the grass along the road edge within the road reserve;
- Collection and disposal of litter within the road reserve;
- Repairing of potholes in the sections of road open to traffic;
- Responding to emergencies as required within the works area.
- Fencing repairs
- Pothole Repairs
- Attending to accidents



End
THANK YOU!