

Reference: N.011-130-2010/1 Fax Number: +27 (0) 12 426 6200
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Dear Tenderers

CONTRACT NUMBER: N.011-130-2010/1

CONTRACT TITLE: THE REHABILITATION OF NATIONAL ROUTE N11 SECTION 13 FROM R518 INTERSECTION (km 8,345) TO GROOTSANDSLOOT RIVER (km 24,0)

ADDENDUM NO. 4

This Addendum is issued in terms of Clause C.3.2 of the Tender Data and must be read in conjunction with and shall be deemed to form part of the Tender Document.

Kindly acknowledge receipt of this addendum by completing the ACKNOWLEDGEMENT OF ADDENDUM below. Failure to acknowledge this addendum may invalidate the Tender.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "B. Mdziniso", is written over a solid black horizontal line.

BRIAN MDZINISO

CHAIRPERSON PG3

SANRAL NORTHERN REGION

Contents of the Addendum

1.	Minutes of the tender clarification meeting
2.	Tender Clarification Presentation
3.	Answers to Questions received from tenderers.
.	Amendments to Part C3: Scope of Works and Part C4: Project Information

Item 3: Answers to Questions received from tenderers

(Please note **RED** is to indicate clarification / amendment instructions)

1. Street Lighting:

The following query was received from a tenderer on 18 May 2023:

The bidder is expected to submit with the Returnable Schedules a series of analysis and documents from an authorized, competent electrical subcontract however the BOQ does not give the bidder a section in which he may provide tendered rates for it as well specification and lighting designs. All it provides is a Provisional sum of R54 000 000.00.

Please provide clarity if the FORM E5; FORM E6 & FORM E7 is not applicable for submission? Else please provide information and a BOQ with regards to the electrical information in which the subcontractor may provide a price for the electrical works.

Clarification:

1. The following is an extract from the Tender Document Book 3, Part C4: Project Information, Section C4.1.6(a): Electrical Works:
"Part of the works for street lighting will be carried out by sub-contractors to be appointed by the main contractor, in co-operation with the main contractor, while some other works will have to be done by the main contractor himself. The design of Street Lighting was included in the Scope Work of the Service Provider appointed for the construction supervision of the Road Contract.

A Provisional Sum was allowed in the Schedule of Quantities (Pay Item PC 1.2.12) for these works. A description of the works required in this regard and the respective responsibilities of SANRAL, the main contractor and the sub-contractors are specified in Part C3: Scope of Works, Section A2, subclause A1.2.7.7: Street Lighting."
2. Forms E5, E6 & E7 are included in the Tender Documents and are applicable to submission. The tenderers must include photometric simulation of the road way and life cycle cost of the luminaire.
3. Tenderers to replace "N12 Roadway" with "N11 Roadway" in Form E5.

Refer to the following Tender Documentation for information on Street Lighting:

BOOK 1:

Part T2: Returnable Schedules
Refer to Forms E5, E6 & E7.

BOOK 3:

1. Section A2: Project Specification Amendments to the COTO Standard Specifications
COTO Chapter 1:
A1.2.7: Execution of the Works; Subclause A1.2 7.7 – Street Lighting
C1.2.12: Installation of New Services
2. Section B: Specification Data
Refer to Appendix B1
4. Section F: Project Specification Amendments to the Standard Specifications for Electrical Work (Street Lighting)
5. Part C4: Project Information
C4.1: Description of the Works - C4.1.6: Other Works:
(a) Electrical Works

2. Stormwater Inlet Grids:

The following query was received from a tenderer on 05 May 2023:

The Bill of Quantities for CONTRACT SANRAL N.011-130-2010/1 - REHABILITATION OF NATIONAL ROUTE N11 SECTION 13 FROM R518 INTERSECTION (km 8,345) TO GROOTSANDSLOOT RIVER (km 24,0) have reference.

ITEM			DESCRIPTION	UNIT	QTY	RATE	AMT
C3.2.19			Accessories				
	C3.2.19.1		Manhole frames (Type 2A, TD-D-MC-1003-V1)	number (No.)	29		R
	C3.2.19.2		Inlet grids or covers				
		(a)	Type A single grid and frame (drawing TD-D-SG-001)	number (No.)	3		R
		(b)	Type A double grid and frame (drawing TD-D-SG-001)	number (No.)	2		R

The respective bill items make reference to **drawing TD-D-SG-001**, however such drawings cannot be found within the documents supplied by the client. Please provide the respective drawings.

Clarification:

Drawing **TD-D-SG-001** in the BOQ must be corrected to Drawing **TD-D-SG-1001** as shown below, referring to a standard SANRAL drawing, which is also attached to this addendum.

C3.2.19.2			Inlet grids or covers
	(a)		Type A single grid and frame (drawing TD-D-SG-1001)
	(b)		Type A double grid and frame (drawing TD-D-SG-1001)

Item : Amendments to Part C3: Scope of Works and Part C4: Project Information

BOOK 3	
PART C3: SCOPE OF WORKS	
Section B: Specification Data	
COTO CHAPTER 9: ASPHALT LAYERS	
Clause / Item	Amendment / Addition
A9.1.2	<p>Asphalt mix types</p> <p>Delete the following sentence:</p> <p><u>Asphalt wearing course at intersections:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness.</p> <p>Replace with the following:</p> <p><u>“Asphalt wearing course at intersections:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>
A9.1.4.1	<p>Mix Designs</p> <p>Delete the following sentence:</p> <p><u>Asphalt wearing course at intersections:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness</p> <p>Replace with the following:</p> <p><u>“Asphalt wearing course at intersections:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>

A9.1.4.2	<p>Mix design requirements</p> <p>Delete the following sentence:</p> <p><u>Asphalt wearing course at intersections:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness</p> <p>Replace with the following:</p> <p><u>“Asphalt wearing course at intersections:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>
A9.1.5.8	<p>Mix Properties</p> <p>Delete the following sentence:</p> <p><u>Asphalt wearing course at intersections:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness</p> <p>Replace with the following:</p> <p><u>“Asphalt wearing course at intersections:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>
A9.1.7.8	<p>Applying rolled-in chippings</p> <p>Delete the following sentence:</p> <p>Rolled-in chippings will not be used.</p> <p>Replace with the following:</p> <p>“14mm precoated rolled in chippings to be applied (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>
A9.1.7.11	<p>Surfacing of bridge decks</p> <p>Delete the following:</p> <p>“Same as: <u>Asphalt wearing course at intersections:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness.”</p> <p>Replace with the following:</p> <p>“Same as:</p>

	<p><u>Asphalt wearing course at intersections:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9)."</p>
PART C4: PROJECT INFORMATION	
C4.1.2	<p>Pavement Design for all Parts of the Various Roads</p> <p>(a) N11-13: New pavement construction</p> <p>Surfacing: (ii) Intersections</p> <p>Delete the following:</p> <p><u>"Asphalt wearing course:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. The aim is to provide a texture depth of minimum 1,0mm."</p> <p>Replace with the following:</p> <p><u>"Asphalt wearing course:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9)."</p> <p>(b) N11-13: Pavement rehabilitation where H = 600mm – 750mm (See Note 4)</p> <p>Surfacing: (ii) Intersections</p> <p>Delete the following:</p> <p><u>"Asphalt wearing course:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. The aim is to provide a texture depth of minimum 1,0mm."</p> <p>Replace with the following:</p> <p><u>"Asphalt wearing course:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9)."</p> <p>(c) N11-13: Pavement rehabilitation where H = 450mm – 600mm (See Note 4)</p> <p>Surfacing: (ii) Intersections</p> <p>Delete the following:</p> <p><u>"Asphalt wearing course:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA);</p>

	<p>NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. The aim is to provide a texture depth of minimum 1,0mm.”</p> <p>Replace with the following:</p> <p>“<u>Asphalt wearing course:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p> <p>(d) N11-13: Pavement rehabilitation where H = 350mm – 450mm (See Note 4)</p> <p>Surfacing: (ii) Intersections</p> <p>Delete the following:</p> <p>“<u>Asphalt wearing course:</u> Stone skeletal mix; Stone-mastic Asphalt (SMA); NMPS 10mm; PG64E-16 (EMB); Design Level II; minimum 45mm thickness. The aim is to provide a texture depth of minimum 1,0mm.”</p> <p>Replace with the following:</p> <p>“<u>Asphalt wearing course:</u> Sand skeletal mix; Gap graded; NMPS 10mm; PG64E-16 (EMB) ; Design Level II; minimum 45mm thickness. With 14mm precoated Rolled in chips (the spreading rate of the chips shall be as specified in COTO Chapter 9).”</p>
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The South African National Roads Agency SOC Limited
P.O. Box 415
Pretoria
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N.011-130-2010/1 -ACKNOWLEDGEMENT OF ADDENDUM NO. 4

I _____

Representing Messrs _____

Hereby acknowledge that I have received the above Addendum and that I am conversant with the contents thereof.

SIGNATURE: _____

DATE: _____

This Addendum is to be read in conjunction with and shall be deemed to form part of the Contract Documents.

You must therefore acknowledge receipt of this addendum by emailing this form to the South African National Roads Agency SOC Limited at ProcurementNR1@nra.co.za and the original must be attached to the Returnable Schedules.

Failure to acknowledge receipt of this addendum` may invalidate the Tender.