



THE SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LIMITED

CONTRACT SANRAL N002-240-2018/1

**UPGRADE TO NATIONAL ROUTE N2, SECTION 24
AND SECTION 25 BETWEEN MOSS KOLNIK
INTERCHANGE (KM 21) AND UMLAAS CANAL (KM
2.7)**

ADDENDUM NO. 5

**CHIEF EXECUTIVE OFFICER
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LIMITED
48 TAMBOTIE AVENUE
VAL DE GRACE
PRETORIA
0184**

**THIS ADDENDUM IS TO BE READ IN CONJUNCTION WITH AND SHALL
BE DEEMED TO BE PART OF THE RELEVANT CONTRACT DOCUMENT**

ADDENDUM NO. 5

20 OCTOBER 2023

CONTRACT SANRAL N002-240-2018/1

**UPGRADE TO NATIONAL ROUTE N2, SECTION 24 AND SECTION 25 BETWEEN MOSS
KOLNIK INTERCHANGE (KM 21) AND UMLAAS CANAL (KM 2.7)**

THIS ADDENDUM CONTAINS THE FOLLOWING:

- **SECTION A: AMENDMENTS TO THE TENDER DOCUMENTATION (VOLUME 3, 4 AND 5)**
- **SECTION B: PRICING SCHEDULE (REVISED)**
- **SECTION C: QUESTIONS RECEIVED FROM TENDERERS OUTSIDE THE CLARIFICATION BRIEFING MEETING**

SECTION A: AMENDMENTS TO THE TENDER DOCUMENTATION (VOLUME 3, 4 AND 5)

1. VOLUME 3 BOOK 1 of 3: AMMENDMEND TO PART T1: TENDERING PROCEDURES

1.1. Amend Volume 3: Book 1 of 3, Amendment to Closing Date:

THE CLOSING DATE IN THE TENDER NOTICE AND TENDER DATA READS, “Friday, 21 July 2023 at 11:00.”

The tender closing date is hereby extended to “**Friday, 10 November 2023 at 11:00**”.

The wording in RED below, must be replaced with “**Friday, 10 November 2023**”.

a) Form T1.1 TENDER NOTICE AND INVITATION TO TENDER (Incorporating SBD1)

The closing time for receipt of tenders is 11h00 on **Friday, 10 November 2023**.

c) **Tender Data clause C3.4**

Opening of tender submissions

The time for opening of the tender offer via live streaming are:

Time: 11h00 on **Friday, 10 November 2023**

d) **Form A13 (Incorporating SBD1)**

Closing Date: **Friday, 10 November 2023**

And anywhere else in the tender document where reference is made to the closing date and time.

2. VOLUME 3 BOOK 3 of 3: AMMENDMEND TO PART C2: PRICING DATA (REFER TO REVISED BOQ)

2.1. Amend Volume 3: Book 3 of 3, Pricing Schedule, Schedule A – Roadworks as follows:

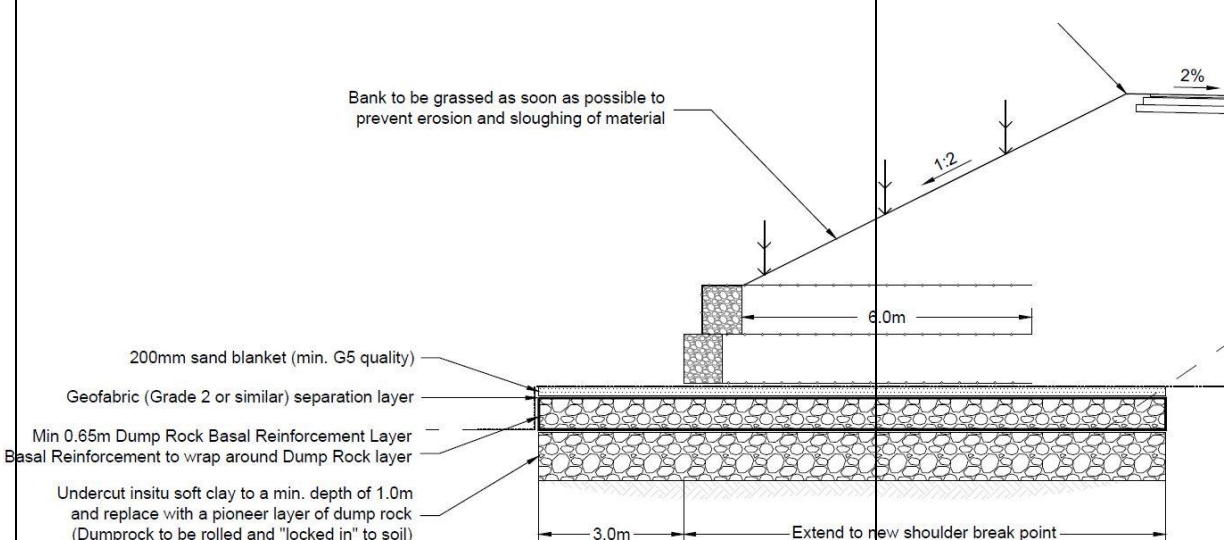
C1.5 ACCOMMODATION OF TRAFFIC

- C1.5/C11.4.2.2 End Treatments
 - Change description of Item (a) (i) to read End treatments (for H2 or TL4 system: containment level P2),
 - Change description of Item (a) (ii) to read End treatments (for H4b system: containment level P4),
- C1.5/C11.4.2.2 (b) (i) and (ii) Crash cushions
 - Delete Items,
- C1.5/C11.4.2.2 Transitions
 - Change description of Item (c) (i) to read Transitions (H2 system to H4b system), change quantity from 50 to 20,
- C1.5/PC11.4.2.2 (a) End Treatments
 - Change description of Item (a) to read End treatments (for H2 or TL4 system: containment level P2),

C12.6 MECHANICALLY STABILISED EARTH AND GABIONS

- C12.6/PC13.1.33 Supply and install galfan coated hexagonal woven wire mesh for basal reinforcements
 - Change quantity from 333200 to 166600.

SECTION C: QUESTIONS RECEIVED FROM TENDERERS

No	Question	Answer
Q1	<p>PC13.1.33 - Supply and install galfan coated hexagonal woven wire mesh for basal reinforcements m2 333,200.</p> <ul style="list-style-type: none"> The quantity of 333 200 m2 seems to be excessive. Please confirm that the quantity is correct and where it will be utilized. 	<p>Item C12.6/PC13.1.33, quantity to be reduced to 166 600m² as per addendum 5.</p> <p>We have allowed for 2m high gabion walls along 4,9km of fill widenings (where fill is higher than 3m). As shown in Figure 1 below (extract from dwg D348/2750/T) these walls are constructed on a dump rock layer that is wrapped in basal reinforcement.</p> <p>We have used 8m average width for the dump rock layer. Basal reinforcement consist of 2 layers of galfan coated hexagonal woven wire mesh.</p> <p>Quantity basal reinforcement wire mesh is therefore : 8,5m x 4900m x 2 layers x 2 (top and bottom of dump rock layer) = 166 600 m²</p>  <p>FIGURE 1 : TYPICAL DETAIL AT TOE OF HIGH FILL WIDENINGS</p>

	<ul style="list-style-type: none"> Also please give more detail regarding the mesh required as there is no specification in the document. 	<p>Refer to Part C4 Project Information:</p> <p>The specification is provided in the document. See subclause A13.1.5.9.</p> <p>"Basal reinforcement shall be Galvanneal coated hexagonal woven wire mesh, similar to what is being used to manufacture gabion baskets. Mesh aperture of 80 x 100mm, and mesh wire diameter of 2.7mm."</p>
Q2	<ul style="list-style-type: none"> May you please assist with sizes of cables, conductors and accessories listed in table 1 of Form E7(Electrical Schedule of materials) Secondly, may you please assist with specifications of electrical kiosks, miniature substations and equipment listed in table 2 of form E7? 	<p>Refer to BOQ: Section F & Specifications as per Book 3 of 3, Part C3: Scope of Works, Section F and Addendums.</p> <p>Refer to BOQ: Section F & Specifications as per Book 3 of 3, Part C3: Scope of Works, Section F and Addendums.</p>
Q3	<ul style="list-style-type: none"> Based on that specification we cannot supply a quote as containment level H2 is only applicable under EN1317-2 for longitudinal BARRIERS. Crash Cushions fall under EN1317-3 with their own set of containment levels ie 80/1 and End Terminals under EN1317-4/7 with containment levels P2 or P4 Alternatively, both Crash Cushions and End Terminals have containment level TL1 – TL3 under NCHRP350 specifications. 	<p>Barriers can either have a containment level of H2 (EN1317), or TL4 (AASHTO MASH or NCHRP350 where no MASH product is available).</p> <p>End Treatments: H2 or TL4 system – P2, H4b system – P4.</p> <p>Crash Cushions items to be deleted, these will not be required.</p>

Email this page to ProcurementER8@sanral.co.za

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FORM: ACKNOWLEDGMENT OF ADDENDUM NO.5

Date Issued: **20 October 2023**

The addendum is to be read as forming part of the Project Document.

Receipt of Addendum No 5: Consisting of the following (tick to confirm receipt) is hereby acknowledged:

ADDENDUM 05		Tick to confirm Receipt
SECTION A	AMENDMENTS TO THE TENDER DOCUMENTATION (VOLUME 3, 4 AND 5)	
SECTION B	PRICING SCHEDULE (REVISED)	
SECTION C	QUESTIONS RECEIVED FROM TENDERERS OUTSIDE THE CLARIFICATION BRIEFING MEETING	

.....
TENDERING COMPANY

.....
AUTHORISED NAME

.....
SIGNATURE

.....
DATE