

TENDER NO:

SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A **PERIOD OF 3 YEARS**

VOLUME 3A

COMPULSORY BRIEFING: There will be no Compulsory Briefing

TENDER CLOSING: Monday, 13 May 2024

Department of	
Transport	
32 Cowan Close	
Stellenbosch Park Building	
King William's Town	
5601	

Company Name of Tenderer:
•
CRS NO
CSD NO
000 110











PROVINCE OF THE EASTERN CAPE DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

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PROVINCE OF THE EASTERN CAPE DEPARTMENT OF TRANSPORT

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PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

THE TENDER

PART 1 (OF 2): TENDERING PROCEDURES

- T1.1 Tender Notice and Invitation to Tender
- T1.2 Tender Data

PROVINCE OF THE EASTERN CAPE DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

T1.1: TENDER NOTICE AND INVITATION TO TENDER

The Department of Transport of the Province of Eastern Cape hereby invites tenders from experienced Road's contractors to be appointed on a Framework Agreement for Routine Roads Maintenance works, on an ad hoc basis (as and when required). The quantum of work on unsurfaced and surfaced roads in various Local Municipal Areas is therefore not quantified and will be determined once the appointments have been made and specific Work Packages / Work Assignments identified. The Framework Agreements will be valid for a period of 3 years.

The Framework Agreements are set out in the following Local Municipal Areas (LMA's) with four appointments per LMA envisaged:

SARAH BAARTMAN District

- A) Baviaans
- B) Blue Crane
- C) Camdeboo
- D) Ikwezi
- E) Kouga and Koukamma
- F) Makana
- G) Ndlambe
- H) Nelson Mandela Bay

A minimum of one and maximum of four eligible Contractors will be appointed via Framework Agreement for each LMA. Once contractors are awarded into the Framework, work assignments will be issued in packages. Works assignments will be allocated for a maximum duration of 12 months at a time. The maximum value of Work Assignments which can be awarded to any one contractor in terms of this agreement **shall not exceed the maximum amount allowed per annum based on the Contractors CIDB Grading** inclusive of VAT. Requests for quotations detailing scope of works will be issued to ALL contractors appointed in an LMA. The RFQ's will provide an accurate scope of works with real quantities which will allow for more accurate pricing. Contractors may price lower than the originally tendered Framework rates but may not offer rates higher than those originally offered in this Framework Agreement. Work packages will be issued to the highest point scoring service provider. Additionally, whilst all service providers will be required to quote for every works package within their LMA, works packages will be awarded to the highest point scorer and on a rotation basis, meaning that works packages will be awarded to the highest point scorer who has not yet been awarded a works package in that round of rotation.

This bid forms part of a batch of framework agreements for routine road maintenance in the Eastern Cape Province. Should any bidder be eligible to be the highest point scorer in multiple local municipal areas in this specific district and/or in any other district, the department reserves the right not to award any bidder more than two local municipal areas in the Eastern Cape province.

Tenderers must be registered with the CIDB and have a valid CIDB contractor grading designation of **Grade 5CEPE / 6CE** or higher.

Tender documents will be available as of **12h00** on **Friday**, **19 April 2024**. Documents must be downloaded on www.ectransport.gov.za or <a href="https://w

There will be no Compulsory Briefing Meeting.

A. BID EVALUATION

This bid fill be evaluated in three (3) phases as follows:

Phase One: Compliance responsiveness to the bid rules and conditions and Eligibility Criteria Will be evaluated

Phase Two: Functionality of Bidders will be evaluated;

Phase Three: Bidders passing Phase 1 & 2 above will thereafter be evaluated on PPPFA

Functionality Evaluation

A minimum total score of 60 points (60%) must be scored for functionality to qualify for further evaluation. The applicable functionality criteria are as follows:

Functionality criteria	Maximum Points Score
i.) Plant & Equipment	55
ii.) Location District (45) / Eastern Cape (30). For those outside the Eastern Cape only 10 points will be allocated	45
Maximum possible score for Functionality	100

B. PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on Price - 80 or 90 points

Maximum points for Specific Goals - 10 or 20 points

Maximum points - 100 points

C. BID SPECIFICATIONS, CONDITIONS AND RULES

The minimum specifications, Eligibility and other bid conditions and rules are detailed in the bid document.

Note: Tender Validity Period is 90 days.

D. TENDER SUBMISSIONS:

The completed Volume 3A of the tender document as well as any supporting documentation shall be placed in ONE sealed envelope clearly marked "TENDER NO: SCMU10-24/25-0004F: FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS and shall be placed in the Tender Box at Department of Transport, 51 Govan Mbeki Avenue, Port United Building (Absa), Central, Gqeberha not later than 11:00am on 13 May 2024 when tenders shall be opened in public. No late tenders will be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

SCM RELATED ENQUIRIES

Mr. P. Nqikashe – Cell No.: 067 419 8001 – Email.: philasande.nqikashe@ectransport.gov.za
Ms. A. Mntu – Cell No.: 067 411 2177 – Email.: abongile.mntu@ectransport.gov.za

TECHNICAL ENQURIES

Ms. Z. Zuzile Tel No.: 082 576 3984 - Email Address: zezethu.zuzile@ectransport.gov.za

NOTE: All materially relevant telephonic discussions will be followed up by an Email to all tenderers

FOR COMPLAINTS, FRAUD, & TENDER ABUSE:

Call: 0800 701 1701

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T1.2: TENDER DATA

The tender conditions are the Standard Conditions of Tender as contained in Annexure F of the CIDB Standard for Uniformity in Construction Procurement as per CIDB Board Notice No. 136 of 2015 published in Government Gazette No. 38960 of 10 July 2015 and as amended from time to time. (see www.cidb.org.za)

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the clause marked "F" in the above-mentioned Standard Conditions of Tender.

No	Clause	Wording		
1	F.1.1	The employer is the Department of Transport, Province of the Eastern Cape		
2	F.1.2	The tender documents issued by the employer comprise:		
		THE TENDER		
		PART T1: TENDERING PROCEDURES		
		T1.1: Tender Notice and Invitation to Tender		
		T1.2: Tender Data		
		PART T2: RETURNABLE DOCUMENTS		
		T2.1: List of Returnable Documents		
		T2.2: Returnable Schedules		
		THE CONTRACT		
		PART C1: AGREEMENTS AND CONTRACT DATA		
		C1.1: Form of Offer and Acceptance		
		C1.2: Contract Data		
		C1.3: Deed of Guarantee (pro forma)		
		PART C2: PRICING DATA		
		C2.1: Pricing Instructions		
		C2.2: Bill of Quantities		
		PART C3: SCOPE OF WORKS		
		C3.1: Description of the Works		
		C3.2: Engineering		
		C3.3: Procurement		
		C3.4: Construction		
		C3.5: Management		
		PART C4: SITE INFORMATION		
		C4: Site Information		

3 F.1.4 The Employer's agent is Mr Randall Moore
Name: Department of Transport
Address: ..SARAH BAARTMAN Regional Office
51 Govan Mbeki Avenue
Port United Building (Absa)
Central
Gqeberha, 6001
Tel: 083 666 1597

F.1.5.1

The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of an Agreement. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection but will give written reasons for such action upon written request to do so.

Tenderers may tender for one or more of the 8 Local Municipal Areas Framework Agreements. All tenders will be scored separately per Framework Agreement. The following five LMA framework agreements are incorporated in this document and separate Bills of quantities have been included for each LMA and only one set of returnables are included and will be used for evaluation. The Tenderer is to clearly indicate in the returnable section of this document, which framework agreement/s (LMA's) they are tendering on as follows:

SARAH BAARTMAN District

- A) Baviaans
- B) Blue Crane
- C) Camdeboo
- D) Ikwezi
- E) Kouga and Koukamma
- F) Makana
- G) Ndlambe
- H) Nelson Mandela Bay

A minimum of one and maximum of four eligible Contractors will be appointed via Framework Agreement for each LMA. Once contractors are awarded into the Framework, work assignments will be issued in packages. Works assignments will be allocated for a maximum duration of 12 months at a time. The maximum value of Work Assignments which can be awarded to any one contractor in terms of this agreement shall not exceed the maximum amount allowed per annum based on the Contractors CIDB Grading inclusive of VAT. Requests for quotations detailing scope of works will be issued to ALL contractors appointed in an LMA.

The RFQ's will provide an accurate scope of works with real quantities which will allow for more accurate pricing. Contractors may price lower than the originally tendered Framework rates but may not offer rates higher than those originally offered in this Framework Agreement. Work packages will be issued to the highest point scoring service provider. Additionally, whilst all service providers will be required to quote for every works package within their LMA, works packages will be awarded to the highest point scorer and on a rotation basis, meaning that works packages will be awarded to the highest point scorer who has not yet been awarded a works package in that round of rotation.

Tenderers should note that this forms part of a batch of tenders for appointments in various LMA's in the Six Districts in the Eastern Cape. Where it is found that a specific tenderer is eligible for the appointment of more than one Framework Agreement, the employer reserves the right not to appoint a contractor on more than two framework agreements in the Eastern Cape. Additional Suitable Site Agents will be required on each separate Framework agreement. OHS Officers may be used on two framework agreements if both agreements are in the same District. The Employer further reserves the right not to award contracts to any contractor based on a risk assessment of the current workload or past performance of that contractor.

If a tendering entity is found acceptable to be appointed on multiple framework agreements, the Department reserves the right to decide which two framework agreements are the most feasible to award to that tendering entity.

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5	F.2.1	Eligibility:		
		The following tenderers who are registered with the CIDB in grading designation Grade 5CEPE / 6CE and higher are eligible to submit tenders:		
		1) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tender for a class of construction work, or		
		2) Joint ventures are eligible to submit tenders provided that:		
		 a) every member of the joint venture is registered with the CIDB and in CE class of work 		
		 b) the combined contractor grading designation calculated in accordance with the Construction Industry Development Board Regulations is equal to or higher than a contractor grading designation Grade 5CEPE / 6CE 		
		c) a signed Joint Venture Agreement must be attached with the tender		
		Note : Joint Ventures must submit a consolidated B-BBEE Certificate , otherwise they will not score B-BBEE points.		
6	F.2.7	There will be no compulsory briefing meeting.		
7	F.2.12	No alternative offers will be considered		
8	F.2.13.1	Tenderers may only offer to provide services or supplies identified in the Agreement data to complete the Whole Works.		
		Tenderers are required to submit only Volume 3A of the Tender Documents which must include the Returnables and bills of quantities for all LMA's within the District. Bills of quantities Only original documents must be hand delivered to the tender box. Electronic Bills of Quantities can be provided upon request however no electronically completed BoQ's will be accepted. Only handwritten BoQ's completed using black ink will be accepted.		
9	F.2.13.3	Parts of each tender offer communicated on paper shall be submitted as an original.		
		Tenderers shall not take this Tender Document apart. Additional documentation shall be submitted in a separate, properly bound document.		
10	F.2.13.5	The Employer's address for delivery of tender offers and identification details is as per the Notice and Invitation to Tender T1.1.		
11	F.2.13 / F.3.5	A two-envelope procedure will not be followed.		
12	F.2.15	The closing time for submission of tender offers is as per Notice and Invitation to Tender T1.1.		
13	F.2.15	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted		
14	F.2.16	The tender offer validity period is as per Notice and Invitation to Tender T1.1.		
15	F.2.19	Access shall be provided for the following inspections, tests, and analysis: Borrow pit testing and any verification of geotechnical data.		
16	F 3.4.1 F.3.4.2	The location for opening of the tender offers, immediately after the closing time thereof shall be as per Notice and Invitation to Tender T1.1		
17	F 3.8.1	·		
''	3.0.1	Add the following to F3.8.1: "(a) Eligibility : Prospective tenderers will only be Eligible to submit a tender if, in terms of clause F3.8.1 in Tender Data T1.2, the following criteria are met:		
		i) The Contracts Manager will be available for the full duration of the Agreement, has a minimum of 8 <u>years' experience</u> in roads maintenance /construction as well as a minimum NQF7 (Bachelor of Technology in the Built Environment; (Form H : Returnable Documents)		
		ii) The Site agent will be available for the full duration of the Agreement has a minimum of <u>5 years' experience</u> in roads maintenance / construction and a Civil Engineering qualification and has NQF5 qualification (Labour Intensive Construction); (Form H : Returnable Documents)		
		iii) The Construction Health & Safety Officer is registered SACPCMP or higher and has a SAMTRAC NQF 5 qualification or higher registered with a minimum of 3 years' experience as Health & Safety Officer on Roads construction / maintenance contracts and may be used on more than one Framework Agreement in the same district. (Form H: Returnable		

Documents)

"(b) Company Experience:

The Tenderer must provide verifiable experience of paved and gravel road maintenance/construction experience. The bidder must indicate completed contracts in the past 10 years or contracts currently in progress as per the following value ranges:

At least 3 Projects of value between R 6.0m and R 10 m

<u>OR</u>

• At least 2 Projects of value greater than **R 10m**

Details of road maintenance / construction related projects & supporting information must be entered in **Form D** in the Returnables Schedule. The bidder must attach Completion Certificates in the case of completed contracts, or a copy of the Letter of Award as well as a signed recommendation letter from the Client on the Clients letter head for those projects currently being executed. Failure to attach such evidence **shall render the bid non-responsive.**

Failure to comply with any of these Eligibility criteria will cause the tender to be rejected

(e) **Functionality**: Tender offers will only be considered responsive if the minimum Functionality requirement of 60% is achieved.

Functionality (Max =100 points) $N_{FU} = N_{FU1} + N_{FU2} + N_{FU3} + N_{FU4} + N_{FU5} + N_{FU6} + N_{FU7} + N_{FU8} + N_{FU9} + N_{FU10} + N_{FU11} + N_{FU12} + N_{FU13} N_{FU14} + N_{FU15}$

Tenderers are required provide proof of availability of plant and equipment and locality to undertake a project of this nature. Tenderers are therefore required to meet a minimum Functionality Score of 60% (60 points out of 100) based on the criteria listed below. A score of less than 60 out of 100 points for Functionality will render the tender non-responsive. The onus rests with the Tenderer to supply sufficient information to allow for evaluation and award of points detailed below. If insufficient is provided, zero points will be awarded for that item.

Note that functionality points are only used to determine responsiveness and will not be used further in the evaluation.

i) Plant and Equipment (Maximum 55 points)

Points will be allocated as indicated below for plant and equipment **owned** by the Tenderer, and which will be available for the project, should the Tenderer be successful:

Gravel

•	Motorized Graders (2 required @ 2 points each)	: 4 points	(N_{FU1})
•	Trailer type water bowser (11kl or larger) (1 required)	: 1 point	(N_{FU2})
•	Grid roller and 4x4 Tractor (one of each required)	: 1 point	(N _{FU3})
•	TLB (2 required @ 5 points each)	: 10 points	(N_{FU4})
•	Excavator (20t minimum) 2 required @ 2 points each	: 4 points	(N _{FU5})
•	Tipper (10m³ minimum, 3 required @ 1 point each)	: 3 points	(N_{FU6})
•	Lowbed Truck	· 4 points	(NEUZ)

Surfaced

lacc	<u>u</u>		
•	Trailer type water bowser (8kl or larger)	: 2 points	(N_{FU8})
•	Two (2) x 5m³ capacity tip trucks (2 point each,	max 4) :4 points	(N _{FU9})
•	Pedestrian roller	: 8 points	(N _{FU10})
•	Asphalt Cutter	: 4 points	(N _{FU11})
•	Milling Machine (Min 1m cut x 0.15 deep)	: 10 points	(N _{FU12})

Proof of ownership of the plant is required to be submitted. If the contractor does not own some or any of the plant listed above and chooses to hire some or all of the required plant, an original Letter of Intent is to be attached from the Plant Hire Company based in the District of this tender. The letter is to clearly indicate that the Plant intended for the Agreement will be available for the full duration of the project. The letter is to be unqualified and signed by a Commissioner of Oaths.

		Details of plant owned or hired is to be	entered in Form E in the Returnable Documents.			
		Details of owned plant and equipment is to be entered in Form D of the Returnables Schedule.				
		ii) <u>Locality</u> (Maximum 45 points)				
		The Contractor has an: -				
		 Office in the District 	45 points (N _{FU13})			
		Office in the District Office in Eastern Cape 30 points (N _{FU14})				
		or • Office outside the Eastern Cape 10 points (N _{FU15})				
		Proof of the location of will be taken a CSD Report and is to be indicated in Fe	is the Preferred Address indicated on the Tenderers form C in the Returnables Schedule.			
18	F.3.9.1		e being any rate or rates which are declared to be an mployer, the Tenderer will be requested –			
		(a) to justify any specific ra such rate or rates were	te or rates, i.e. to give a financial breakdown of how obtained,			
		(b) and subsequently to consider amending and adjusting such rate or rawhile retaining the Tender Total derived under sub-clause F.3.9.2 unchanged and fixed. It must be understood that in the event of the tend refusing to adjust any rate or rates to the satisfaction of the Employer, satisfaction may prejudice acceptance of his Tender."				
19	F.3.11	The procedure for the evaluation of respons	sive tenders is Method 2 .			
			Maximum number of tender evaluation points			
		Price Component	80 or 90			
		Preferential Component	20 or 10			
		Total evaluation points	20 or 10 100			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated	(Ps) If using the following formula:			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated $Ps = 80 \left(1 - \frac{Pt - P \min}{Ps - Pt}\right)$ or $Ps = 90$	$(\mathbf{P_s})$ If using the following formula: $1 - \frac{Pt - P\min}{1}$			
		Calculation of Points for Price The points scored for Price will be calculated	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P\min}{P\min}} $			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_s = \text{points scored for price by tell}$ $P_{min} = \text{price of lowest acceptable tell}$	(Ps) If using the following formula: $D\left(1 - \frac{Pt - P\min}{P\min}\right)$ Inder under consideration ander			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_s = \text{points scored for price by tent} P_{\min} = \text{price of lowest acceptable tender} P_t = \text{price of tender under consider}$	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P\min}{P\min}} $ Indeer under consideration ander eration			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_S = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places as	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P\min}{P\min}} $ Inder under consideration under veration after the decimal comma.			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_S = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places of the price	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P\min}{P\min}} $ Inder under consideration under veration after the decimal comma.			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_s = \text{points scored for price by tention} P_t = \text{price of lowest acceptable tention} P_t = \text{price of tender under consider} P_t = price of tender under co$	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P\min}{P\min}} $ Inder under consideration in the praction after the decimal comma. (Nep)			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_S = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places of the price	(Ps) If using the following formula: $D\left(1 - \frac{Pt - P\min}{P\min}\right)$ Inder under consideration under veration after the decimal comma.			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_s = \text{points scored for price by tentification} P_t = \text{price of lowest acceptable tening} P_t = \text{price of tender under considered} P_t = price of tender$	(Ps) If using the following formula: $ \frac{1 - Pt - P \min}{P \min} $ Inder under consideration nater the decimal comma. (MAX = 20 points) (MAX = 10 points) at specified in the Conditions of Tender as well as the			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right) \text{ or } Ps = 90$ Where $P_s = points$ scored for price by tender $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places and $P_t = price$ of the points $P_t = price$ (Max = 20 points) Specific Goals 80/20 90/10 Tenders will be evaluated in terms of the points $P_t = price$ of the price $P_t = price$ of the points $P_t = price$ of the price $P_t = pri$	The second seco			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min}\right)$ or $Ps = 90$ Where $P_s = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places of the Preferential Component (Max = 20 points) Specific Goals 80/20 90/10 Tenders will be evaluated in terms of the Employer's latest Supply Chain Management The following preference point systems are the 80/20 system for requirement.	The second seco			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min}\right)$ or $Ps = 90$. Where $P_s = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places at P secific Goals P solutions. Specific Goals P solutions will be evaluated in terms of the P solutions P solutions. The following preference point systems are P the P solutions P system for requirement P solutions P system for requirement P solutions.	(Ps) If using the following formula: $ \sqrt{1 - \frac{Pt - P \min}{P \min}} $ Inder under consideration under veration after the decimal comma. (MAX = 20 points) (MAX = 10 points) at specified in the Conditions of Tender as well as the nt Policy. applicable to all bids:			
		Total evaluation points Calculation of Points for Price The points scored for Price will be calculated. $Ps = 80 \left(1 - \frac{Pt - P\min}{P\min}\right) \text{ or } Ps = 90$ Where $P_s = points$ scored for price by ten $P_{min} = price$ of lowest acceptable to $P_t = price$ of tender under consider. Fractions will be rounded off to two places at $P_t = price$ of tender under consider. Fractions will be rounded off to two places at $P_t = price$ of tender under consider. Fractions will be evaluated in terms of the $P_t = price$ of the $P_t = p$	(Ps) If using the following formula: $ \frac{Pt - P \min}{P \min} $ Inder under consideration after the decimal comma. (MAX = 20 points) (MAX = 10 points) at specified in the Conditions of Tender as well as the nt Policy. applicable to all bids: applicable to all bids: ants with a Rand value of up to R50 000 000 (all applicable ents with a Rand value above R50 000 000 (all applicable exceed R50 000 000 (all applicable taxes included) and			

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on price - 80 points

Maximum points for specific goals - 20 points

Maximum points - 100 points

The points for specific goals will be distributed as per the table below.

PREFERENTIAL SPECIFIC GOALS POINTS TABLE					
The specific goals allocated points in terms of this tender	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system)			
Historically Disadvantaged Individuals					
Black ownership	12	% ownership as per CIPC / CSD			
Women ownership	% ownership as per CIPC / CSD				

Calculation of Total Points scored

Total Score = P_s + N_{EP}

Tenders will be awarded on a Rates Only basis. A basket of quantities has been predetermined and assigned to the items in the Bill of Quantities to determine an individual tender sum for evaluation purposes. Once the evaluation is complete and the preferred bidders have been identified, the award will be for rates only. The tender sum calculated from the basket of quantities will be used for evaluation purposes only. The awarded rates will be the rates at which the work will be carried out at the duration of the appointment subject to a negotiation if necessary, as well as Contract price adjustment as per the Contract Data.

20 F.3.13.1

Tender offers will only be acceptable if:

- Tenderers must be registered on the Central Supplier Database (CSD) at National Treasury prior to submitting a tender, otherwise the tender will be rejected (National Treasury SCM Instruction #4A of 2016/2017: Central Supplier Database), and the tenderer's **Tax status must be compliant**;
- b) the tenderer must be registered with the Construction Industry Development Board (CIDB) in an appropriate **5CEPE / 6CE** contractor grading designation (All parties to submit this information in the case of a Joint Venture).
- c) the tenderer or any of its directors is not listed in the Register of Tender Defaulters or the List of Restricted Suppliers managed by the National Treasury (www.treasury.gov.za) in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
- d) the tenderer has not abused the Employer's Supply Chain Management System;
- e) the tenderer has not failed to perform on any previous Contract with the Employer;
- the tenderer has completed and signed Form B (Certificate of Authority for Signatory) if applicable;
- g) the Form of Offer is duly completed and signed (Note: **Any correction must be signed** by the authorised signatory);
- h) the tenderer has **completed and signed the Compulsory Enterprise Questionnaire** (Form T2.2R) (for each of the participating firms in the case of a joint venture);
- i) completed and signed all SBD Forms (SBD1; SBD4; SBD6.1; SBD6.2; SBD8; SBD9)
- i) all relevant certified information is submitted with the Tender;
- k) all other Tender Conditions are complied with.
- The tenderers comply with Eligibility criteria as per **F3.8.1** in the Tender Data.
- m) Tenderers are to meet the minimum Functionality requirements specified in Clause F3.8.1
- n) Acceptance of the tender offer will be subject to the provisions of Clause **F.1.5.1** and **F.2.1**.

Note: Requirements applicable at time of being considered for award of specific Works assignments:

1) The Framework contractor must submit proof of registration with **BCCEI** and/ or a letter confirming the contractor's compliance /good standing with **BCCEI** before being considered

- for a Works assignment. Failure to do so will result in the contractor not being considered for award of a Works assignment
- 2) The Framework contractor will be required to submit a **valid** Letter of Good Standing from the **Compensation Commissioner** or **FEMA** within 21 days of receipt of Letter of Award of any *ad hoc* Work assignments.
- 3) The Framework contractor will be required to submit a Form **SBD6.2 together with Annexure "C"** relevant to the quantities specified at the time of quoting for a specific Works assignment.

PROVINCE OF THE EASTERN CAPE DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

THE TENDER PART 2 (OF 2): RETURNABLE DOCUMENTS

- T2.1 List of Returnable Documents
- T2.2 Returnable Documents

Note to Tenderer:

The information contained on these forms, plus the supporting information, will be used in the first stages of the evaluation of the Tenders.

T2.1 List of Returnable Documents

1. Forms to be completed

FORM	DESCRIPTION
SBD 1	INVITATION TO BID
A.	CERTIFICATE OF TENDERER'S ATTENDANCE AT THE BRIEFING MEETING
B.	CERTIFICATE OF AUTHORITY FOR SIGNATORY
С	INDICATION OF PROJECTS TO BE TENDERING ON & PROOF OF LOCALITY OF OFFICE
D.	SCHEDULE OF ROADS MAINTENANCE/ROADS CONSTRUCTION WORK CARRIED OUT BY THE TENDERER IN THE PAST 10 YEARS
E.	SCHEDULE OF CONSTRUCTION PLANT
F.	NOTICES TO TENDERERS
G	JOINT VENTURE DISCLOSURE FORM
Н	CONTRACTOR'S KEY PERSONNEL AND DETAILED CV'S
1	BANKING AND AUDITOR DETAILS
J	DECLARATION – FULFILLMENT OF THE CONSTRUCTION REGULATIONS, 2014
К	PROOF OF REGISTRATION WITH THE CONSTRUCTION INDUSTRY DEVELOPMENT BOARD
L	CENTRAL SUPPLIER DATABASE CONFIRMATION (CSD)
М	PROOF OF REGISTRATION AND GOOD STANDING WITH THE BARGAINING COUNCIL (BCCEI)
T2.2R	COMPULSORY ENTERPRISE QUESTIONNAIRE
SBD 4	DECLARATION OF INTEREST
SBD 4	ADDITION: DECLARATION OF EMPLOYEES OF THE STATE OR OTHER STATE INSTITUTIONS
SBD 6.1	PREFERENCE POINTS CLAIM IN TERMS OF THE PREFERENTIAL PROCUREMENT
	REGULATIONS 2017 including B-BBEE Certificate
SBD 6.2	DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS
SBD 8	DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
SBD 9	CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

THESE FORMS MUST BE COMPLETED USING **BLACK INK**

Where the space provided in the bound document is insufficient, separate schedules may be drawn up in accordance with the given formats. These schedules shall then be bound together with a suitable contents page and submitted with the tender documents. All such schedules must be signed, and clearly marked as appendices to these relevant forms.

2. Other documents that will be incorporated into the Contract

- C1.1 Offer and Acceptance
- C1.2 Contract Data
- C2.2 Pricing Schedule

CCMI	11 N.	-7 <i>AI</i>	フトー	mn	<i>1</i> L

T2.2 RETURNABLE DOCUMENTS

SBD 1:	INVITATION TO BID

PART A

YOU ARE HERE	BY INVITED	TO BID F	OR REQUI	REMEN	TS OF	THE (N	AME	OF DEPARTM	ENT/ PUBLIC ENTITY)
BID NUMBER:	SCMU10- 24/25-0004F		ING DATE:					ING TIME:	11:00 a.m
									WORKS TO VARIOUS
DESCRIPTION									ERIOD OF 3 YEARS
									TRACT FORM (SBD7).
BID RESPONSE									
Department of 1	ransport, 51	Govan N	lbeki, Port I	Jnited E	<u> 3uildir</u>	ig (Absa	ı), Ce	entral, Gqeberr	na, SCM Office
SUPPLIER INFO	RMATION								
NAME OF BIDDI	ER								
POSTAL ADDRE	SS								
STREET ADDRE	SS								
TELEPHONE NU	JMBER	CODE				NUMBE	R		
CELLPHONE NU	JMBER								
FACSIMILE NUMBER		CODE				NUMBE	R		
E-MAIL ADDRESS									
VAT REC	SISTRATION						•		
		TCS PII	N:			CSD No	0:		
B-BBEE STATUS LEVEL VERIFICATION		☐Yes			STAT	B-BBEE STATUS LEVEL Yes			
CERTIFICATE [TICK APPLICABLE BOX]		□No			SWORN AFFIDAVIT			□No	
IF YES, WHO WAS THE CERTIFICATE ISSUED BY?									
AN ACCOUNTIN			CORPORA	ATION A	CT (C	CA)			ED IN THE CLOSE
CLOSE CORPORATION ACT (CCA) AND NAME THE		A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)							
APPLICABLE IN			A REGIST)		
BOX			NAME:						
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT (FOR EMES& QSEs) MUST BE SUBMITTED									

SCMU10-24/25-0004F

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐Yes ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	ARE YOU A FOREIGN BASE SUPPLIER FOR GOODS /SERVI /WORKS OFFERED?	THE		
SIGNATURE OF BIDDER		DATE			
CAPACITY UNDER WHICH					
THIS BID IS SIGNED					
(Attach proof of authority					
to sign this bid; e.g.					
resolution of directors, etc.)					
A) Baviaans					
B) Blue Crane					
C) Camdeboo		TOTAL DID DDICE (A	LL INICLLICIVE)		
D) Ikwezi		TOTAL BID PRICE (A	LL INCLUSIVE)		
E) Kouga and	Note: NOT APP	LICABLE (the bid price	e is for evaluation purposes only)		
Koukamma			d Framework Agreement		
F) Makana					
G) Ndlambe					
I) Nelson Mandela Bay					
BIDDING PROCEDURE E	NQUIRIES MAY BE	TEOLINICAL INIEGO	44TION 44Y DE DIDECTED TO		
DIRECTED TO:	Description		MATION MAY BE DIRECTED TO:		
DEPARTMENT/ PUBLIC ENTITY	Department of Transport	CONTACT PERSON	Mrs Z Zuzile		
ENTIT	Transport	TELEPHONE	VIIS Z Zuzile		
CONTACT PERSON	Mr. P. Nqikashe	NUMBER (082 576 3984		
		FACSIMILE			
TELEPHONE NUMBER	067 419 8001		N/A		
	NI/A	E-MAIL			
FACSIMILE NUMBER E-MAIL ADDRESS	N/A		zezethu.zuzile@ectransport.gov.za		
	philasande.nqikashe@ectransport.gov.za				

PART B TERMS AND CONDITIONS FOR BIDDING

	TERMS AND CONDITIONS FOR BIDDING
1.	BID SUBMISSION:
1.1.	BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.

- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED— (NOT TO BE RE-TYPED OR ONLINE)
- 1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.
- 1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.
- 1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.

3. QUESTIONNAIRE FOR BIDDING FOREIGN SUPPLIERS ONLY 3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO 3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? NO 3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? YES NO 3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? YES NO IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS). IF "YES" TO ANY OF THE ABOVE THEN REGISTER AS PER 2.3 ABOVE.

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

A: CERTIFICATE OF TENDERER'S ATTENDANCE AT THE BRIEFING MEETING

A. CERTIFICATE OF TEMPERENCE AT THE BRIEFING MEETING
There will be no Compulsory Briefing Meeting.
The tenderer is required to sign the following declaration that he/she is fully conversant with the proposed works to be conducted. Failure to do so will render the bid non-responsive.
I CERTIFY THAT I HAVE MADE MYSELF FAMILIAR WITH ALL LOCAL CONDITIONS LIKELY TO INFLUENCE THE WORK AND THE COST THEREOF, THAT I AM SATISFIED WITH THE DESCRIPTION OF THE WORK AS BEING ON AN AD HOC BASIS AND THAT I FULLY COMPREHEND THE SCOPE OF THE WORK TO BE DONE, AS SPECIFIED AND IMPLIED, IN THE EXECUTION OF THIS CONTRACT.
SIGNED ON BEHALF OF THE TENDERER:

B: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Signatory for companies shall confirm his/her authority thereto <u>by attaching</u> a duly signed and dated copy <u>on the company letterhead</u> of the relevant resolution of the board of directors to this form.

Failure to submit a duly signed resolution will render the tender non-responsive.

Note: This Form is <u>not applicable</u> if the Signatory to this tender is a Director, a Member, a Sole Proprietor or a Partner.

	An	exam	ple	is	aiven	below:
--	----	------	-----	----	-------	--------

"By resolution of the board of directo	ors pass	ed at a meeting held on
Mr/Ms	, ۱	whose signature appears below, has been duly authorised
to sign all documents in connection may arise therefrom on behalf of	with TE l	NDER NO SCMU10-24/25-0004F and any Contract that
(name of Tenderer in block capitals)	1	
SIGNED ON BEHALF OF THE COM	<u>MPANY</u>	<u>i</u>
IN HIS/HER CAPACITY AS:		
DATE:		
SIGNATURE OF SIGNATORY:		
WITNESSES:	1.	
	2.	

C: INDICATION OF FRAMEWORK AGREEMENTS BEING TENDERED FOR & PROOF OF OFFICE IN THAT LMA / DISTRICT / EASTERN CAPE

The Tenderer must state below which Framework Agreement/s they are tendering for as well as attach proof of head office or satellite office/depot in the LMA / District / Eastern Cape/ Outside Eastern Cape.

Contract Description	Tendering for:	Office in District, Eastern Cape or Outside the Eastern Cape	Proof of Office	
Maintenance Works in Baviaans	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Blue Crane	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Camdeboo	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Kouga and Koukamma	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Makana	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Ndlambe	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Maintenance Works in Nelson Mandela Bay	Y□/N□	District Eastern Cape Outside Eastern Cape	y □ / N □	
Proof of Address will be taken as the "Preferred Address as indicated on the Tenderers CSD Report				
SIGNED ON BEHALF OF THE TENDERER:				

D: SCHEDULE OF ROADS MAINTENANCE/ROADS CONSTRUCTION WORK CARRIED OUT BY THE TENDERER IN THE PAST 10 YEARS

The tenderer must insert in the spaces provided below a complete list of the latest completed roads maintenance/ roads construction contracts successfully completed by the company in the past 10 years. The bidder must attach Completion Certificates in the case of completed contracts, or a copy of the Letter of Award as well as a signed Recommendation Letter from the Client on the Clients letter head for those projects currently being executed. This information shall be deemed to be material to the adjudication of the Contract. A copy of the Completion Certificate for each completed project must be attached, or a copy of Letter of Award for those projects currently being executed, **otherwise the bid shall be deemed non-responsive**.

COMPLETED							
VALUE OF WORK (incl VAT)							
NATURE OF WORK							
PROJECT NAME							
EMPLOYER (NAME & TEL NO)							

SIGNED ON BEHALF OF THE TENDERER:	

E: SCHEDULE OF CONSTRUCTION PLANT

The tenderer is required to state below "own" construction plant which will be available for Work Assignments in terms of these Frameworks.

DESCRIPTION, SIZE, CAPACITY	DESCRIPTION/SIZE/CAPACITY	YEAR MODEL
Motorized Graders		
1)		
2)		
<u>Trailer type water bowser</u> (11kl or larger)		
1)		
Grid Rollers and 4 x 4 Tractor combo		
1)		
<u>TLB</u>		
1)		
2)		
Excavator (20t minimum)		
1)		
2)		
Lowbed Truck		
1)		
Tipper (10m³ minimum)		
1)		
2)		
3)		
Trailer type water bowser (8kl or larger)		
1)		
<u>Tipper (5m³ minimum)</u>		
1)		
2)		
Bomag type pedestrian roller		
1)		
Asphalt Cutter		
1)		
Milling Machine (Min 1m cut by 0.15m deep)		
1)		

SIGNED ON BEHALF OF THE TENDERER:	
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SCMU10-24/25-0004F

a) CONSTRUCTIONAL PLANT TO BE HIRED AS AND WHEN REQUIRED IN TERMS OF FRAMEWORK

An original Letter of Intent is to be attached from a Plant Hire Company based in the District of this tender. The letter is to clearly indicate that the Plant intended for the contract will be available for the full duration of the project. The letter is to be unqualified and signed by a Commissioner of Oaths.

DESCRIPTION, SIZE, CAPACITY	DESCRIPTION/SIZE/CAPACITY	YEAR MODEL
Motorized Graders		
1)		
2)		
<u>Trailer type water bowser</u> (11kl or larger)		
1)		
Grid Rollers and 4 x 4 Tractor combo		
1)		
TLB		
1)		
2)		
Excavator (20t minimum)		
1)		
2)		
Lowbed Truck		
1)		
Tipper (10m³ minimum)		
1)		
2)		
3)		
<u>Trailer type water bowser (8kl or larger)</u>		
1)		
<u>Tipper (5m³ minimum)</u>		
2)		
Bomag type pedestrian roller		
1)		
Asphalt Cutter		
1)		
Milling Machine (Min 1m cut by 0.15m deep)		
1)		

SIGNED ON BEHALF OF THE TENDERER:	

SCMU10-24/25-0004F

F: NOTICES TO TENDERERS

In submitting my/our tender, the tender rates and tender sum given in my/our tender has taken into account the following Notice(s) to Tenderers.

Signed copies of all Notices to Tenderers are to be attached to this page.

Please note that any Notices will be uploaded on the same platforms as where the tender document was downloaded from. It is the onus of the Tenderer to ensure that he has checked for any notices prior to submitting his tender document.

NOTICE NO.	SUBJECT MATTER OF NOTICE

SIGNED ON BEHALF OF THE TENDERER:	

G: JOINT VENTURE DISCLOSURE FORM

Tenderers submitting tenders as a joint venture are to attach a signed copy of the Joint Venture Agreement or, if a Joint Venture Agreement has not yet been formalized, then the Tenderer is to attach a Letter of Intent of a Joint Venture Agreement, signed by all parties involved in the Joint Venture Agreement. Should the Joint Venture wish to claim B-BBEE points, then a <u>consolidated B-BBEE Scorecard</u> for the Joint Venture partnership must be attached to completed **Form SBD 6.1**.

The Signatory on behalf of the Joint Venture must be disclosed in **Form B: Certificate of Authority for Signatory** as well as in the Joint Venture Agreement.

SIGNED ON BEHALF OF THE TENDERER:	

H: CONTRACTOR'S KEY PERSONNEL & DETAILED CV'S

The Tenderer must state below the key management staff who are permanently employed by the **Tenderer** or who are contractually committed to the tenderer for this contract and who are intended for use on this appointment. Relevant detailed CV's including certificates for qualifications as well as indicating previous experience <u>must be attached</u>. Note the **Eligibility** requirements in Clause F.3.8.1.

POSITION	NAME		EXPERIENCE (YRS) URFACED ROADS
Contracts Manager			
minimum 8 years' experience in roads construction /maintenance with NQF 7 Qualification in Civil Engineering			
Site Agent 1			
minimum 5 years' experience in roads construction /maintenance with Civil Engineering Qualification and NQF 5 qualification in LIC			
Site Agent 2			
minimum 5 years' experience in roads construction /maintenance with Civil Engineering Qualification and NQF 5 qualification in LIC			
Additional Site Agents			
POSITION	NAME	Registration No. with SACPCMP as CHSO	No. of years worked on roads construction /maintenance contracts.
Safety Officer 1			
minimum 3 years' experience in roads construction /maintenance			
Safety Officer 2			
minimum 3 years' experience in roads construction /maintenance			
Additional OHS Officers			

Should the Tenderer wish to be awarded more than one Framework Appointment, separate Site Agents and OHS Offices are required for each appointment.

SIGNED ON BEHALF OF THE TENDERER:	

I: BANKING AND AUDITOR DETAILS

The Tenderer shall provide details of his banker and auditing accountant.

Bank Details -	Bank Name:			
	Address:			
	Account Number			
	Contact Person:			
	Tel No.:			
	Fax No.:			
Auditor Details -	Firm Name:			
	Address:			
	Account Number			
	Contact Person:			
	Tel No.:			
	Fax No.:			
SIGNED ON BEHALF OF THE TENDERER:				

J: DECLARATION - FULFILMENT OF THE CONSTRUCTION REGULATIONS - 2014

In terms of regulation 5(1) of the Construction Regulations, 2014 (hereinafter referred to as the Regulations), promulgated on 7 February 2014 in terms of Section 43 of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) the Employer shall not appoint a contractor to perform construction work unless the Contractor can satisfy the Employer that his/her firm has the necessary competencies and resources to carry out the work safely and has allowed adequately in his/her tender for the due fulfillment of all the applicable requirements of the Act and the Regulations.

Definition of a Competent Person:

"Competent person" means any person having the knowledge, training, experience and qualifications specific to the work or task being performed: Provided that where appropriate qualifications and training are registered in terms of the provisions of the South African Qualifications Authority Act, 1995 (Act No. 58 of 1995), these qualifications and training shall be deemed to be the required qualifications and training;

Ter	derers shall answer the questions below:					
1	I confirm that I am fully conversant with the Regulations and that my company has (or will acquire/procure) the necessary competencies and resources to timeously, safely and successfully comply with all of the requirements of the Regulations. (Tick)					
	Signature :					
2	Indicate which approach shall be employed to achieve compliance with the Regulations (Tick)					
	Own resources, competent in terms of the Regulations (refer to 3 below)					
	Own resources, still to be hired and/or trained (until competency is achieved)					
	Specialist subcontract resources (competent) – specify:					
3	Provide details of proposed key persons, competent in terms of the Regulations, who will form part of the Contract team as specified in the Regulations (CVs to be attached):					

SCMU10-24/25-0004F

4	Provide details of proposed training (if any) that will be undergone:				
5	List potential key risks identified and measures for addressing risks:				
	See the Preliminary Hazard Identification and Risk Assessment contained in the attached Health and Safety Specifications.				
	Note: The successful tenderer must submit a project specific Occupational Health and Safety Plan approved by the Client within 14 days of being allocated the works assignment /Work Package.				
6	I have fully included in my tender rates and prices (in the appropriate payment items provided in the Bill of Quantities) for all resources, actions, training and any other costs required for the due fulfillment of the Regulations for the duration of the construction and defects repair period. (Tick)				
	YES				
	NO				
SIGN	NATURE OF PERSON AUTHORISED TO SIGN THIS TENDER:				
	Signature: Name:				
	ID No.:				

K:	PROOF OF REGISTRATION WITH THE CONSTRUCTION INDUSTRY
	DEVELOPMENT BOARD (CIDB)

Tenderers <u>must attach to this page</u>, a recent printout of proof from the CIDB website verifying their valid CIDB registration.

In the case of Joint Ventures, proof must be provided for **each partner** and the calculated equivalent CIDB grade indicated below for **CE** class of works.

SIGNED ON BEHALF OF THE TENDERER:		
The Tender – Part 2 – Returnable Document	.s	Page T2.19

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L: CENTRAL SUPPLIER DATABASE (CSD)

Tenderers must attach to this page, proof of registration with the Central Supplier Database of National Treasury. (In the case of Joint Ventures, proof must be attached for **each partner**).

The Tenderer must be registered on the Central Supplier Database at National Treasury prior to submitting a tender otherwise the tender will be rejected (National Treasury SCM Instruction No.4A of 2016/2017 – Central Supplier Database)

I, the undersigned, confirm the following details of the firm/company's registration on the National Treasury Central Supplier Database:

Supplier Name:		 	
Supplier's CSD No.:		 	
CIONED ON BELLA			
SIGNED ON BEHALF	OF THE TENDERER:	 	

Tenderers must be registered with the Bargaining Council for the Civil Engineering Industry (BCCEI) and submit proof with this tender. The tenderer will be required to submit proof of good standing prior to any works assignments being allocated.
In the case of Joint Ventures, proof must be provided for each partner .
This applies to contractors in all CIDB grading levels.
SIGNED ON BEHALF OF THE TENDERER:

PROOF OF REGISTRATION WITH THE BARGAINING COUNCIL (BCCEI)

M:

FORM T2.2R: COMPULSORY ENTERPRISE QUESTIONNAIRE The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted. Section 1: Name of enterprise: Particulars of sole proprietors and partners in partnerships Section 4: Name* Identity number* Personal income tax number* * Complete only if sole proprietor or partnership and attach separate page if more than 3 partners Section 5: Particulars of companies and close corporations Section 6: Record of service with the state Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following: □ a member of any municipal council □ an employee of any provincial department, provincial □ a member of any provincial legislature national or public entity constitutional institution within the meaning of □ a member of the National Assembly or the the Public Finance Management Act, 1999 (Act National Council of Province 1 of 1999) □ a member of the board of directors of anv □ a member of an accounting authority of any municipal entity national or provincial public entity □ an official of any municipality or municipal □ an employee of Parliament or a provincial entity legislature If any of the above boxes are marked, disclose the following: Name of sole proprietor, Name of institution, public office, Status of service partner, director, manager, board or organ of state and position (tick appropriate principal shareholder or column) stakeholder Within last Current 12 months

Section 7: Record of spouses, children and parents in the service of the state

*insert separate page if necessary

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:					
 a member of any municipal council a member of any provincial legislature a member of the National Assembly or the National Council of Province a member of the board of directors of any municipal entity a member of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) a member of any accounting authority of any national or provincial public entity a member of any municipality or municipal entity 					
Name of spouse, child or parent	Name of institution, public office, board or organ of state and position	Status of	f service propriate		
	held	column) current	Within last 12 months		
*insert separate page if pecessary					
*insert separate page if necessary The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise: i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order; ii) confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption; iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.					
Signed	Date				
Name	Position				
	enders are subject to the Local Governmen				

* The schedule should be used where tenders are subject to the Local Government: Municipal Finance Management Act.

COMPULSORY ENTERPRISE QUESTIONNAIRE **FORM T2.2R:** (for Joint Venture partner if applicable) Section 1: Name of enterprise: Section 3: Section 4: Particulars of sole proprietors and partners in partnerships Name* Identity number* Personal income tax number* * Complete only if sole proprietor or partnership and attach separate page if more than 3 partners Section 5: Particulars of companies and close corporations Section 6: Record of service of the state Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following: □ a member of any municipal council □ an employee of any provincial department, provincial public entity or □ a member of any provincial legislature national or constitutional institution within the meaning of □ a member of the National Assembly or the the Public Finance Management Act. 1999 (Act. National Council of Province 1 of 1999) □ a member of the board of directors of any □ a member of an accounting authority of any municipal entity or provincial public entity national □ an official of any municipality or municipal an employee of Parliament or a provincial entity legislature If any of the above boxes are marked, disclose the following: Name of sole proprietor, Name of institution, public office, Status of service partner, director, manager, board or organ of state and position (tick appropriate principal shareholder or held column) stakeholder Within last Current 12 months *insert separate page if necessary Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following: a member of any municipal council an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) a member of the board of directors of any municipal entity an employee of Parliament or a provincial legislature					
Name of spouse, child or parent	Name of institution, public office, board or organ of state and position	Status o	f service		
paro	held	column)		-	
				1	
				1	
				_	
*insert separate page if necessary	/sha is duly authorised to do so on behalf o	of the enter	nrica:		
 The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise: authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order; confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption; confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my 					
belief both true and correct.					
Signed	Date				
Name	Position				
	enders are subject to the Local Governmen				

* The schedule should be used where tenders are subject to the Local Government: Municipal Finance Management Act

SBD 4: DECLARATION OF INTEREST

- 1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favoritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the tenderer is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
- 2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

2.1	Full	Name	Of	bidder	_	his	or	ner	representat	ıve:
2.2	Identi	ty Numbei	r:							
2.3	Positi	on occupi	ed in tl	ne Compai	ny (dire	ector, tr	rustee,	shareh	nolder², memb	er):
2.4	_			of compan	•			•	ation, partners	ship
2.5	Tax			R	eferen				Numl	ber:
2.6	VAT				egistra				Numl	ber:
2.6.1		names of	all d		truste	es / sl	hareho	lders /	 members, tl d. if applica	

* "State" means

 any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act (Act No 1 of 1999);

employee / PERSAL numbers must be indicated in paragraph 3 below.

- (b) any municipality or municipal entity;
- (c) Provincial Legislature;
- (d) National Assembly or the National Council of Provinces; or
- (e) Parliament.

	nolder" means a person who owns shares in the company and is actively involved in the management of siness and exercises control over the enterprise.	of the enterprise
2.7	Are you or any person connected with the bidder presently employed by the state?	YES/NO
2.7.1	If so, furnish the following particulars:	
	Name of person / director / trustee / shareholder/ member	
	Any other particulars:	
2.7.2	If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside en in the public sector?	YES / NO nployment
2.7.2.	.1 If yes, did you attach proof of such authority to the bid document?	YES/NO
	(Note: Failure to submit proof of such authority, where applicable, min the disqualification of the bid.	ay result
2.7.2.	.2 If no, furnish reasons for non-submission of such proof:	
2.8 D	oid you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?	YES / NO
2.8.1	If so, furnish particulars:	
2.9 D	o you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?	YES / NO
2.9.1	If so, furnish particulars.	

2.10	aware of any rela	by the state wh	riend, other) l	between ar	YES/NO ny other bidder and any n the evaluation and or		
2.10.1	If so, furnish parti	culars.					
2.11	of the company h	the directors / trus ave any interest ir ey are bidding for	n any other rel				
2.11.1	If so, furnish parti	culars:					
	Full details of di	rectors / trustees					
Full Nam	е	Identity No.	Personal Tax Refere	Income nce No.	State Employee No. / Persal No.		
		DECL	ARATION				
Ι, ٦	THE UNDERSIGNED	O (NAME)					
	RTIFY THAT THE II PRRECT.	NFORMATION FUR	NISHED IN PA	RAGRAPHS	S 2 and 3 ABOVE IS		
	CCEPT THAT THE : CLARATION PROV		CT THE BID OF	R ACT AGAI	NST ME SHOULD THIS		
	Signature Date						
Position Name of bidder							

3

DECLARATION OF EMPLOYEES OF THE STATE OR OTHER STATE INSTITUTIONS

This form must be included additional to the SBD.4

1. In terms of section 30 of the Public Service Act;
No employee shall perform or engage himself or herself to perform remunerative work outside his or her employment in the relevant department, except with the written permission of the executive authority of the department.

Are any of the shareholders/ directors of your company employed by the State?	Yes	No

3. "State" means –

2.

- (a) Any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) Any municipality or municipal entity;
- (c) Any provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.
- (f) Any Parastatal (A company or agency owned or controlled wholly or partly by the government).
- **4.** Should you indicate "yes" above, please provide the following details:

No	NAME & SURNAME OF DIRECTOR	STATE INSTITUTION WHERE EMPLOYED	ID NUMBER	EMPLOYEE/ PERSAL NUMBER
1				
2				
3				
4				
5				

5. Please note: The "state" is clearly defined in paragraph 3 above. In the event that "no" is selected and subsequently any false declaration is detected, the non-disclosure of such "state employment" will be deemed as "fraud". Therefore, the state may reject the bid and in addition may proceed with further action should this declaration prove to be false.

6. DECLARATION

l, NI IMBEE	(NAME	&	SURNAME)II
	THAT THE INF		N FURNISHED IN PARAGRAPHS 2 AND 4 ABOVE IS
Sig	nature		Date
Pos	sition		Name of bidder

SBD 6.1: PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to all bids:
 - 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 The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the **80/20** preference point system shall be applicable;
 - 1.3 Points for this bid shall be awarded for:
 - (a) Price; and
 - (b) Specific Goals.
 - 1.4 The maximum points for this bid are allocated as follows:

	POINTS	
PRICE	80	90
SPECIFIC GOALS	20	10
Total points for Price and Specific Goals must not exceed	100	100

- 1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.
- 1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

2. **DEFINITIONS**

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) "B-BBEE status level of contributor" means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) "bid" means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;

- (d) "Broad-Based Black Economic Empowerment Act" means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) "EME" means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) "prices" includes all applicable taxes less all unconditional discounts;
- (h) "proof of B-BBEE status level of contributor" means:
 - B-BBEE Status level certificate issued by an authorized body or person; or
 - · A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice; or
 - Any other requirement prescribed in terms of the B-BBEE Act;
 - "QSE" means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 PREFERENCE POINT SYSTEM

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

$$Ps = 80 \left(1 - \frac{Pt - P\min}{P\min} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

Pmin = Price of lowest acceptable bid

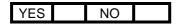
4. BID DECLARATION

PREFERENTIAL SPEC	PREFERENTIAL SPECIFIC GOALS POINTS TABLE					
The specific goals allocated points in terms of this tender Number of points allocated (80/20 system) (To be completed by the organ of state) Number of points claimed (80/20 system)						
Historically Disadvantaged Individuals						
Black ownership	12	% ownership as per CIPC / CSD				
Women ownership	8	% ownership as per CIPC / CSD				

5. SUB-CONTRACTING (as a pre-contract agreement)

5.1 Will any portion of the contract be sub-contracted (pre-contract agreement)?

(Tick applicable box)



5.1.1 If yes, indicate:

i)	What p	ercen	tage of	he co	ntract will be subcontracted	%?
ii)	The na	me of	the sub	-contra	actor	
iii)	The B-	BBEE	status I	evel o	f the sub-contractor	
iv)	Whethe	er the	sub-con	tracto	r is an EME or QSE	
	(Tick a	pplic	able bo	x)		
	YES		NO			

v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

6.		DECLARATION WITH REGARD TO COMPANY/FIRM
	6.1	Name of company/firm:
	6.2	VAT registration number:
	6.3	Company registration number:
	6.4	TYPE OF COMPANY/ FIRM
		□ Partnership/Joint Venture / Consortium
		☐ One-person business/sole propriety
		□ Close corporation
		□ Company
		□ (Pty) Limited
		[TICK APPLICABLE BOX]
	6.5	DESCRIBE PRINCIPAL BUSINESS ACTIVITIES
	6.6	COMPANY CLASSIFICATION
		□ Manufacturer
		□ Supplier
		□ Professional service provider
		☐ Other service providers, e.g. transporter, etc.
		[TICK APPLICABLE BOX]
	6.7	Total number of years the company/firm has been in business:
	6.8	I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificates, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:
		i) The information furnished is true and correct;
		 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 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
		iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
		(a) disqualify the person from the bidding 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 bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury 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.

WITNESSES	SIGNATURE OF BIDDERS
1	DATE ADDRESS
2	

SWORN AFFIDAVIT - R-RRFF EXEMPTED MICRO ENTERPRISE (FMF) -

	CONTRACTORS CONTENT RISE (EMIL)
I, the undersigned,	
Full name & Surname	
Identity number	1
identity number	<u> </u>
Hereby declare under o	path as follows:
 The contents of the facts. 	of this statement are to the best of my knowledge a true reflection o
I am a Member authorised to act	/ Director / Owner of the following enterprise and am duly ct on its behalf:
Enterprise Name:	
Trading Name (If	
Applicable):	
Registration	
Enterprise Physical	
Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop	
Nature of Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians –
	(a) Who are citizens of the Republic of South Africa by birth or descent;
	(b) Who became citizens of the Republic of
	South Africa by naturalization-
	i. Before 27 April 1994; or
	ii. On or after 27 April 1994 and who would have
	re under Oath that: e is% Black Owned as per Amended Code Serie
Revised Constr B-BBEE Act No	uction Sector Codes of Good Practice issued under section 9 (1) of 53 of 2003 as at No 46 of 2013,
	is% Black Woman Owned as per Amended CSC000 of the Revised Construction Sector Codes of Good under section 9 (1) of B-BBEE Act No 53 of 2003 as Amended 2013,
The EnterpriseAmended Code	is% Black Designated Group Owned as per e Series CSC000 of the Revised Construction Sector Codes of

Good Practice issued under section 9 (1) of B-BBEE Act No 53 of 2003 as

Amended by Act No 46 of 2013,

information available on the	tements/Management Accounts and other e latest financial year-end of was equal to/or less than R10,000,000.00 (ten
 Please confirm on the tab ticking the applicable bo 	le below the B-BBEE level contributor, by x.
100% Black Owned	Level One (135% B-BBEE procurement recognition level)
At least 51% Black Owned but less than 100% black owned	Level Two (125% B-BBEE procurement recognition level)
At least 30% Black Owned but less than 51% black owned	Level Four (100% B-BBEE procurement recognition level)
Less than 30% Black Owned	Level Five (80% B-BBEE procurement recognition level)
• 3.6.2.4.1 An Exempted Micro	(extract from Gazette No. 41287) Enterprise (EME) with a total annual revenue of less than R1.8
 A) Not subject to the of the QSE Skills Developed B) Not required to have present an affidavit or Commission (CIPC), in the Contractors and/Built Environs with the Construction Sectors 41287, Board No. NOTICE 93 Details are available on: 	discounting principle and therefore do not have to comply with opment element, and we an authorised B-BBEE verification certificate, and may a certificate issued by the Companies and Intellectual Property in respect of their ownership and annual turnover. Imment Professionals are encouraged to familiarize themselves Codes (CSC000) as issued through Government Gazette No. 31 OF 2017. Empowerment/bee_sector_charters.jsp
	pe requested through DRPW offices (Supply Chain Offices)
objection to take the presci	contents of this affidavit and I have no ribed oath and consider the oath binding on my ners of the enterprise which I represent in this
The sworn affidavit will be a date signed by commission	valid for a period of 12 months from the ner.
	Deponent Signature:
	Date:
Commissioner of Oaths Signature & stamp	

SWORN AFFIDAVIT - B-BBEE QUALIFYING SMALL ENTERPRISE (QSE) - CONTRACTORS

I, the undersigned,	
Full name & Surname	
Identity number	
Hereby declare under oa	th as follows:
1. The contents of	this statement are to the best of my knowledge a true reflection of the facts.
I am a Member / its behalf:	Director / Owner of the following enterprise and am duly authorised to act on
Enterprise Name:	
Trading Name (If Applicable):	
Registration Number:	
Enterprise Physical Address:	
Type of Entity (CC, (Pty) Ltd, Sole Prop	
Nature of Business:	
Definition of "Black People"	As per the Broad-Based Black Economic Empowerment Act 53 of 2003 as Amended by Act No 46 of 2013 "Black People" is a generic term which means Africans, Coloureds and Indians — (a) Who are citizens of the Republic of South Africa by birth or
	descent;
	(b) Who became citizens of the Republic of South Africa by naturalization-
	 i. Before 27 April 1994; or ii. On or after 27 April 1994 and who would have been entitled to acquire citizenship by naturalization prior
	s% Black Owned as per Amended Code Series CSC000 of the ction Sector Codes of Good Practice issued under section 9 (1) of B-BBEE Act N
CSC000 of the F	% Black Woman Owned as per Amended Code Series Revised Construction Sector Codes of Good Practice issued under section 9 at No 53 of 2003 as Amended by Act No 46 of 2013,
	% Black Designated Group Owned as per Amended Code of the Revised Construction Sector Codes of Good Practice issued under

section 9 (1) of B-BBEE Act No 53 of 2003 as Amended by Act No 46 of 2013,

	ments/Management Accounts and other information al year-end of, the annual Total lion (ten Million Rands) and less than R50,000,000.00	
Please confirm on the table applicable box.	below the B-BBEE level contributor, by ticking the	
100% Black Owned	Level One (135% B-BBEE procurement recognition level)	
At least 51% Black Owned but less than 100% black owned	Level Two (125% B-BBEE procurement recognition level)	
 comply with paragraph 3.6 awarded in paragraphs 5.3 5.3.4 Despite paragraphs 5.8 BBBEE Status Level and of by one level if it achieves for Development element of the Statement CSC603) or the element of the QSE Scored 5.3.5 For the avoidance of full QSE scorecard is not elemented and suitable on: Contractors and/Built Environmented Gazette No. 4 Details are available on:	t 51% Black Owned or 100% Black Owned that d .2.3 above, will be discounted by one level from t	hat level d QSE's enhanced ls f nent l). ms of the 3.4 above. ize h
	Date:	
Commissioner of Oaths Signature & stamp	<u> </u>	

SBD 6.2 - DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

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) where Local means South African.

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) 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)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content. A tender that fails to meet the minimum stipulated threshold for local production and content is an unacceptable tender.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedti.gov.za/industrial development/ip.jsp at no cost.

1.6. A bid may be disqualified if this Declaration Certificate and Annexure C (Local Content Declaration: Summary Schedule) are not completed, signed and submitted as part of the bid documentation; 2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Description of services, works or goodsStipulated minimum thresholdWire Products (Gabions)100%Steel Sections (Guardrails)100%Sheets (Road Signs)100%Reinforcing bars100%

3. Does any portion of the goods or services offered have any imported content?

(Tick applicable box)

YES NO

3..1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the DTI must be informed accordingly in order for the DTI to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION (REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO. .SCMU10-24/25/0004F

ISSUED BY: (Procurement Authority):

DEPARTMENT OF TRANSPORT, PROVINCE OF EASTERN CAPE

NB

The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

Guidance on the Calculation of Local Content toget Declaration Templates (Annexure C, D and Inttp://www.thdti.gov.za/industrial development/ip.jsp. Bidded Declaration D. After completing Declaration D, bidders should be and then consolidate the information on Declaration C. In completed, signed and submitted with the bid document date and time of the bid in order to substantiate the paragraph (c) below. Annexures D and E should be verification purposes for a period of at least 5 years. Trequired to continuously update Declarations C, D and E the duration of the contract.	E) is accessible on ers should first complete build complete Declaration Declaration C should be nentation at the closing he declaration made in kept by the bidders for The successful bidder is
I, the undersigned, do hereby declare, in my capacity as of entity), the following:	
(a) The facts contained herein are within my own personal know	wledge.
(b) I have satisfied myself that:	
(i) the goods/services/works to be delivered in terms of comply with the minimum local content requirement and as measured in terms of SATS 1286:2011; and	-
(c) The local content percentage (%) indicated below has be formula given in clause 3 of SATS 1286:2011, the rates paragraph 4.1 above and the information contained in Declaration C:	of exchange indicated in
Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	100%
Local content %, as calculated in terms of SATS 1286:2011	
If the bid is for more than one product, the local content product contained in Declaration C shall be used instead of the local content percentages for each product has been formula given in clause 3 of SATS 1286:2011, the rates of paragraph 4.1 above and the information contained in Declar	the table above. In calculated using the fexchange indicated in ration D and E.
(d) I accept that the Procurement Authority / Institution has the local content be verified in terms of the requirements of SAT	
(e) I understand that the awarding of the bid is dependent information furnished in this application. I also understant incorrect data, or data that are not verifiable as described result in the Procurement Authority / Institution imposing an provided for in Regulation 14 of the Preferential Procure promulgated under the Preferential Policy Framework Act (of 2000).	d that the submission of in SATS 1286:2011, may y or all of the remedies as ment Regulations, 2017
SIGNATURE: DA	ATE:
WITNESS No. 1 DA	ATE:
WITNESS No. 2 DA	ATE:

													SATS 1286.2011
						Anr	nex C						
				Lo	cal Conter	t Declarati	ion - Sumi	nary Sche	dule		Ī		
(C1)	Tender No.	SCMU10-24/25-0004F											
(C2)	Tender description:	FRAMEWORK AGREEM TO VARIOUS PROVINCI A PERIOD OF 3 YEARS										Note: VAT to be exc calculations	luded from all
(C3)	Designated product(s):	Steel Value-added produ	cts										
(C4)	Tender Authority:	Eastern Cape Departmen											
(C5)	Tendering Entity name:												
(C6)	Tender Exchange Rate:		Pula		EU		GBP						
(C7)	Specified local content %:	steel 100%											
					C	Calculation of I	ocal content				Tend	er summary	
	Tender item no's	List of items	i	Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
	(C8)	(C9)		(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
	52,03 (a)	Gabions 1,0mx1,0mx1,0m M	esh 80mm						100%	20			
	52,03 (c)	Gabion Mattress 0.6 diaphra 6.0mx2.0mx0.3m	gm:						100%	10			
	54,01 (a)	Guardrails (galvanised)							100%	50			
	56,01 (c)	Road Signs Boards							100%	136			
	63,01 (a)	Steel Reinforcement Mesh R	ef 395						100%	120			
									(C20) Total te	nder value	R O		
											t imported content	R 0	
								(C22) Total	Tender value n	ender value net of exempt imported conte		R O	
											(C23) Tota	al Imported content	R 0
											(C24)	Total local content	R 0
	Signature of tenderer from	Annex B			Date:						C25) Average local o	content % of tender	

													SATS 1286
	Annex D												
	Imported Conten	t Declaration - :	Supporting Sche	dule to Annex C									
01)	Tender No. Si	CMU10-24/25-0004F											
D2)	Tender description: FRAM	EWORK AGREEMENTS	FOR AD HOC ROUTINE M	AINTENANCE WORKS TO	VARIOUS PROVINCIAL				Note: VAT to be exclude	ed from all calculations			
(D3)	ROADS IN THE SARAH BAA Designated Products:	RTMAN DISTRICT OVER	R A PERIOD OF 3 YEARS Steel Value-added produ	ıcts					TAT TO BE EXCIDED	a nom an calculations			
(D4)	Tender Authority:		Eastern Cape Departmen	nt of Transport									
(D5) (D6)	Tendering Entity name: Tender Exchange Rate:				EU		GBP						
	A. Exempted imp	orted content			I	lation of imported co	ntent					Summary	
	Tender item no's	Description of in	mported content	Local supplier	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted important
	(D7)	(D	98)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
											(D10) Tes	al exempt imported value	
											(015) 101	This total must correspon	
												This total must correspon	iu with Annex C
	B. Imported direc	the but the Tond	lavav			lation of imported co	ntont					Summary	
	B. Imported direc	try by the rend	ierer			nation of imported to	litent					Summary	
	Tender item no's	Description of in		Unit of measure	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total import
	(D20)	(D)	21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
	,										(D22) Total in	nported value by tenderer	
											(1552) Total III		
	C. Imported by a	3rd party and s	upplied to the Te	nderer	ı			Calculation of i	mported content			Sum	mary
	Description of imp		Unit of measure	Local supplier	Overseas Supplier	Forign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity imported	Total importe
	(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
	`												
											(D45) Total im	ported value by 3rd party	
	D. Other foreign	currency payme	ents		Calculation of foreig	n currency payments							Summary of p
	Type of pa		Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange							Local vali payme
	(D46)	(D47)	(D48)	(D49)	(D50)	1						(D51)
									(D52	?) Total of foreign curre	ncy payments declared by	tenderer and/or 3rd party	
									(D53) Total of i	imported content & fore	ign currency payments - (£	032), (D45) & (D52) above	
												This total must correspon	ed with Ammeric
		n Annex B			Date:							10(42)10)21(4)11113(9)24(11	cavitur AttitleX C

Tender description: FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS Designated products: Steel Value-added Products Tender Authority: Eastern Cape Department of Transport								SATS 1286.2011
Local Content Declaration - Supporting Schedule to Annex C Tender No. SCAULD 24/25-00048					Anney F			
Tender No. SCHUUS-24/25-9004F Rote reclaim description. FRANKWORK ARREMENTS TOR AD NOT ROUTINE MAINTENANCE WORKS TO WINDOUS PROVINCIAL ROADS IN THE SARAH RAAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS Rote: VAI' to be excluded from all calculations					AIIIIEA L			
Tender No. SCHUUS-24/25-0004F Reter VAIL-2004F Reter VAIL-2004								
Tender description: FRAMEWORK AGREEMENTS FOR AD INC. AUGUST PROVINCIAL ROADS IN THE SARAH BADARTMAND DISTRICT OVER A PRIRIOD OF 3 YEARS Tender description of tens purchased Local suppliers Value				Local Conte	nt Declaration - Supporting S	chedule to Annex C		
Tender description: FRAMINORA AGREEMANTS FOR AD MCR ROUTINE MANTERNACE WORKS TO VARIOUS PROVINCIAR ROADS IN THE SARAH BARARTMAN DISTRICT CIVER A PERIOD OF 3 YEARS Tender description: FRAMINORA AGREEMANTS FOR AD MCR ROUTINE MANTERNACE WORKS TO VARIOUS PROVINCIAR ROADS IN THE SARAH BARARTMAN DISTRICT CIVER A PERIOD OF 3 YEARS Tender description: FRAMINORA AGREEMANTS FOR AD MCR. VAT To be excluded from all calculations Tender description: FRAMINORA AGREEMANTS FOR AD MCR. VAT TO be excluded from all calculations Tender description: FRAMINORA AGREEMANTS FOR AD MCR. VAT TO be excluded from all calculations Tender description: FRAMINORA AGREEMANTS FOR AD MCR. VAT TO be excluded from all calculations Tender description: FRAMINORA AGREEMANTS FOR AD MCR. VAT TO be excluded from all calculations Tender of Notice VAT To be exclude								
Tendering Entity - Administration overheads and mark up Tendering From Products Tendering Entity - Description of Rems purchased Tendering Entity - Description Entity - Description of Rems purchased Tendering Entity - Description Entity - Descripti	1)	Tender No.	SCMU10-24/25-0004F					
Statem Cape Department of Transport Statem Cape Department of Tran	2)	Tender description: FRAMEWORK AGREEN	MENTS FOR AD HOC ROUTINE MAINTENAN	CE WORKS TO VARIOUS PROVINCIAL ROADS	IN THE SARAH BAAARTMAN DISTRICT OVER	A PERIOD OF 3 YEARS	Note: V	AT to be excluded from all calculations
Local Products (Goods, Services and Works) Local Suppliers Local Suppliers Value			Products					
Local Products (Goods, Services and Works) (£6) (£7) (£8) (£7) (£8) (£7) (£8) (£7) (£8) (£8) (£9) Total local products (Goods, Services and Works) (£10) Mangower costs (**Tenderer's mangower costs) (£11) **Saction overheads* and mark-up** (**Description of items purchased* (£12) **Administration overheads* and mark-up** (**Description of items purchased* (£13) **Total local products (Goods, Services and Works) (£14) **Administration overheads* and mark-up** (**Description of items purchased* (£14) **Description of items purchased* (£25) **Total local products (Goods, Services and Works) (£3) **Total local content* **RO **Total local content* **Total local content* **Total local cont				Eastern Cape Department of Transport				
Works Description of tients purinased Local suppliers Value	5)	Tendering Entity name:						
Works								
Works (Est) (Es					<u> </u>			
(E1) Manpower costs (Tenderer's manpower cost) (E1) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) (E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) (E13) Total local content (E13) Total local content (E13) Total local content (E13) Total local content (E13) Total must correspond with Annex C - C24					Description of items purchased		Local suppliers	Value
(E1) Manpower costs (Tenderer's manpower cost) (E1) Factory overheads (Remail, depreciation & amortisation, utility costs, consumables etc.) (E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) (E13) Total local content R 0 (E14) This total must correspond with Annex C - C24					(E6)		(E7)	(E8)
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(E10) Manpower costs (Tenderer's manpower cost) RO (E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) RO (E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) RO This total must correspond with Annex C - C24						(E9) Total local p	roducts (Goods, Services and Works)	RO
(E11) Factory overheads (Rental, depreciation & amortisation, utility costs, consumables etc.) (E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) (E13) Total local content R 0 This total must correspond with Annex C - C24						, ,	,	
(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) (E13) Total local content This total must correspond with Annex C - C24		(E10)	Manpower costs	(Tenderer's manpower cost)				R 0
(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.) (E13) Total local content R0 This total must correspond with Annex C - C24								
(E13) Total local content RO This total must correspond with Annex C - C24		(E11)	Factory overhead	s (Rental, depreciation & amortisation, utility	y costs, consumables etc.)			R 0
(E13) Total local content R 0 This total must correspond with Annex C - C24								
This total must correspond with Annex C - C24		(E12)	Administration overheads and mark-up		(Marketing, insurance, financing, interest et	c.)		R 0
This total must correspond with Annex C - C24							(2.2)	
							(E13) Total local content	R 0
Signature of tenderer from Annex B Date:							This total must correspond	with Annex C - C24
Signature of tenderer from Annex B Date:								
Signature of tenderer from Annex B Date:								
Signature of tenderer from Annex B Date:								
Signature of tenderer from Annex B Date:								
Signature of tenderer from Annex B								

SBD 8: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- The bid of any bidder may be disregarded if that bidder, or any of its directors have
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

	·		
1tem 4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	Yes Yes	No
	and bottom of the floring page.		
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes	No 🗌
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.4.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME)	
CERTIFY THAT THE INFORMATION FURNISHE	D ON THIS DECLARATION FORM IS TRUE AND
CORRECT.	
I ACCEPT THAT, IN ADDITION TO CANCELLAT	ION OF A CONTRACT, ACTION MAY BE TAKEN
AGAINST ME SHOULD THIS DECLARATION PR	ROVE TO BE FALSE.
Signature	Date
 Position	 Name of Bidder

SBD 9 CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ invited.
- Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

in response to the invitation for the bid made by:

The Department of Transport - Eastern Cape

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of:_		that:
	(Name of Bidder)	

- 1. I have read and I understand the contents of this Certificate;
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
- 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation;
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- 6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid: or
 - (f) bidding with the intention not to win the bid.
- 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Signature	Date
Position	Name of Bidder

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

CONTRACT

PART 1 (OF 4): AGREEMENTS AND CONTRACT DATA

- C1.1 Form of Offer and Acceptance
- C1.2 Contract Data
- C1.3 Form of Security (Pro Forma)

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

C1.1: FORM OF OFFER AND ACCEPTANCE

1. OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter a contract for the procurement of:

SCMU10-24/25-0004F

The Tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the Returnable Schedules, and by submitting this offer has accepted the tender conditions.

By the representative of the Tenderer, deemed to be duly authorized, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data without any guarantee of a quantum of work which will only be invited through Work assignments on ad hoc basis (as and when required).

The offered total of the prices inclusive of Value-Added Tax are in accordance with the conditions of contract and are to be used for comparative purposes only and are not award values.

a)	MAINTENANCE WORKS IN BAVIAANS		
		Rand (in words);	R(in figures
AND/O	PR .		
b)	MAINTENANCE WORKS IN BLUE CRANE	=	
			R(in figures

SCMU10-24/25-0004F

AND/OR

c)	MAINTENANCE WORKS IN CAMDEBOO		
AND	/OR		
d) 	MAINTENANCE WORKS IN IKWEZI		
AND	/OR		
e)	MAINTENANCE WORKS IN KOUGA AND	KOUKAMMA	
		Rand (in words);	R(in figures)
AND	/OR		
f)	MAINTENANCE WORKS IN MAKANA		
		Rand (in words);	R(in figures)
AND	/OR		
g)	MAINTENANCE WORKS IN NDLAMBE		
		Rand (in words);	R(in figures)
AND	/OR		
h)	MAINTENANCE WORKS IN NELSON MA	NDELA BAY	
		Rand (in words);	R (in figures)

SCMU10-24/25-0004F

of witness

This offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this Form of Offer and Acceptance document including the Schedule of Deviations (if any) to the Tenderer before the end of the period of validity stated in the tender data or other period as agreed, whereupon the Tenderer becomes the party named as the contractor in terms of the Conditions of Contract identified in the Contract Data. The award amount will be based on the individual works assignment /work packages values.

It is noted that the Contract amount is purely fictitious and does not constitute a Contract in the amount Tendered. Work assignments will be allocated as and when the need arises.				
The maximum value of Work Assignments which can be awarded to any one contractor in terms of this agreement shall not exceed the maximum amount allowed per annum based on the Contractors CIDB Grading inclusive of VAT.				
	OFFER SIGNATURE BLOCK			
Signature(s)				
Name(s)				
Capacity				
for the Tenderer	(Name and address of organization)			
Name and signat	ure			

Date

2. ACCEPTANCE

By signing this part of this Form of Offer and Acceptance, the employer identified below accepts the Tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due for respective ad hoc work assignments /work packages in accordance with the conditions of contract identified in the contract data. Acceptance of the Tenderer's offer shall form an agreement between the employer and the Tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement. The maximum value of Work Assignments which can be awarded to any one contractor in terms of this agreement shall not exceed the maximum amount allowed per annum based on the Contactors CIDB Grading inclusive of VAT.

The terms of the Contract are contained in:

Part C1 : Agreements and Contract Data (which includes this Form of Offer and Acceptance)

Part C2 : Pricing data
Part C3 : Scope of Work
Part C4 : Site Information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 above as well as the Appendices.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto, as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of Offer and Acceptance, are contained in the Schedule of Deviations attached to and forming part of this Form of Offer and Acceptance agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall, within two weeks after receiving a completed copy of this agreement including the schedule of Deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed copy of this Form of Offer and Acceptance including the Schedule of Deviations (if any). Unless the tenderer (now contractor), within five (5) working days of the date of such receipt, notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

ACCEPTANCE SIGNATURE BLOCK

SCMU10-24/25-0004F: FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

Indicate accepted on	to LMA Agreements: Yes or No		
A) MAINTENANCE V	VORKS IN BAVIAANS	Yes No	
B) MAINTENANCE V	VORKS IN BLUE CRANE	Yes No	
C) MAINTENANCE V	VORKS IN CAMDEBOO	Yes No	
D) MAINTENANCE V	VORKS IN IKWEZI	Yes No	
MAINTENANCE WO	RKS IN KOUGA AND KOUKAMMA	Yes No	
MAINTENANCE WO	RKS IN MAKANA	Yes No	
MAINTENANCE WO	RKS IN NDLAMBE	Yes No	
MAINTENANCE WO	RKS IN NELSON MANDELA BAY	Yes No	
Signature(s)			
Name(s)			
Capacity			
for the Employer :	Department of Transport Province of the Eastern Cape Private Bag X0023, BHISHO, 5605		
Name of witness			
Signature of witness		Date	

SCHEDULE OF DEVIATIONS

SCMU10-24/25-0004F: FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

Notes:

- 1. The extent of deviations from the tender documents issued by the employer before the tender closing date is limited to those permitted in terms of the tender conditions.
- 2. Any other matter arising from the process of Offer and Acceptance either as a confirmation, clarification or change to the tender documents, and which it is agreed by the parties becomes an obligation of the contract, shall also be recorded here.
- 3. Any change or addition to the tender documents arising from the above agreements and recorded here, shall also be incorporated into the final draft of the contract.

A tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid, be the subject of agreements reached during the process of offer and acceptance, the outcome of such agreement shall be recorded here.

1.	Subject
	Details
2.	Subject
	Details
3.	Subject
	Details
4.	Subject
	Details
5.	Subject
	Details

By the duly authorized representatives signing this Agreement with schedule of deviations (if any), the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

PART 1: DATA PROVIDED BY THE EMPLOYER

C1.2: CONTRACT DATA (PART 1)

CONDITIONS OF CONTRACT

The General Conditions of Contract for Construction Works (Third Edition 2015) [hereinafter referred to as GCC2015], published by the South African Institution of Civil Engineering (SAICE) are applicable to this contract.

CONTRACT SPECIFIC DATA

The following contract specific data, amendments, additions, or omissions are applicable to this Contract.

No.	Clause	Description	
1	1.1.1.11	The Contract Sum will be determined for each Works Assignment and will not be as per the Form of Offer.	
1	1.1.1.13	The Defects Liability Period is 6 months measured from the date of the Certificate of Completion for each works assignment.	
2	1.1.1.14	The total Framework contract duration is for 3 years, with the time for completing each Works assignment to be determined individually on an <i>ad-hoc</i> basis with a maximum duration of 12 months per Works assignment . The maximum value of Work Assignments which can be awarded to any one contractor in terms of this agreement shall not exceed the maximum amount allowed per annum based on the Contactors CIDB Grading inclusive of VAT.	
3	1.1.1.15	The Employer is THE DEPARTMENT OF TRANSPORT, EASTERN CAPE	
4	1.1.1.16	The Employer's Agent is the relevant District Roads Engineer, or a partner/director/member of any firm appointed during the duration of the Framework Agreement to act on behalf of the Department, duly authorised to this position in writing.	
6	1.1.1.26	The Pricing Strategy is a Re-measurement Contract	
7	1.1.1.35	Add the following Clause 1.1.1.35 "Value of Works" means the value of Works certified by the Employers Agent as having been satisfactorily executed and shall include the value of the work done, the value of the materials and/or goods and Contract Price Adjustments.	
8	1.2.1.2	The Employer's address for receipt of communications and notices at Tender Stage is: Facsimile: N/A E-mail: Zezethu.zuzile@ectransport.gov.za Address (Physical): Ms Z. Zuzile Department of Transport Pick and Pay Building Bhisho	

9	1.2.1.2	The Employer's address for receipt of communications and notices at Construction Stage is:		
		Name: Mr R Moore		
		Telephone: 083 66 1597 E-mail: bongo.mbebe@ectransport.gov.za		
		Address (Postal) Address (Physical)		
		Department of Transport Province of the Eastern Cape Private Bag 99009, East London 5200 Department of Transport 51 Govan Mbeki Avenue, Port United Buildir Central, Gqeberha 6001	ng (absa)	
		Or any or a partner/director/member of any firm appointed during the duration Framework Agreement to act on behalf of the Department, duly authorised to this powriting.		
10	1.3.6	Add the following as 1.3.6		
		"The Contractor hereby indemnifies the Employer against any action, claim, damages cost that may be instituted against the Employer on the grounds of an alleged infring any copyright or any other intellectual property right in connection with the Works of this Contract."	ement of	
11	1.3.7	Add the following as 1.3.7		
		"All information, documents, recommendations, programmes and reports collected or compiled must be regarded as confidential and may not be communicated or made available to any person outside the Employer's service and may not be published either during the currency of this Framework Contract or after termination thereof without the prior written consent of the Employer."		
12	2.4.1	Add the following:		
		"In the event of any ambiguity, conflict, or discrepancy between the various contract documents, lists and schedules, the order of precedence (from highest to lowest) shall be as follows:		
		 Form of Offer and Acceptance and Schedule of Deviations Contract Data 		
		3. General Conditions of Contract (GCC 2015)4. Project Specifications5. Working Drawings		
		6. Standard Specifications of Roads and Bridgeworks (1998)		
		7. Departmental guidelines and manuals/prescripts8. Schedule of Quantities		
13	3.2.3	The Employers Agent shall obtain specific approval from the Employer before executir his functions or duties according to the following Clauses of the General Condition of C Nominating the Employers Agent's Representative in terms of Clause 3.2.1 The issuing of instructions for dealing with fossils and the like in terms of Clause Authorising the Contractor to repair and make good, excepted risks in terms of 7.5.5	Contract: se 4.7	
		The issuing of variation orders in terms of Clause 6.3.2		
		The Suspension of the Works in terms of clause 5.11.2 The issuing of an instruction to accelerate progress in terms of Clause 5.12.4.		
		 The issuing of an instruction to accelerate progress in terms of Clause 5.12.4 The approval of any extension of time for completion in terms of Clause 5.12.1 		
		The reduction of a penalty for delay in terms of Clause 5.13.2		
		The issuing of penalties in terms of Clause 5.13 The determination of additional or reduced costs arising from changes in legic	clation in	
		 The determination of additional or reduced costs arising from changes in legislation in terms of Clause 6.8.4 		
		The giving of a ruling on a Contractor's claim in terms of Clause 10.1.5		
		 The agreeing of the adjustment of the sums for general items in terms of Claus 	:e 6 11	
14	3.2.4	Delete the last sentence of the Clause	0.11	

15	3.3.6	Add the following:	
'	0.0.0	Add the following: "The time limit for referring the matter to the Employers Agent by the Contractor shall be	
		twenty-one (21) days after the decision in question was given by the Employers Agent's Representative".	
16	4.3.1.2	Add the following new sub-clause	
		"The Employer and the Contractor hereby agree, in terms of the provisions of section 37 (2) of the Occupational Health & Safety Act, 1993 (Act 85 of 1993, hereinafter referred to as 'the Act'), that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act, namely:	
		(a) The Contractor undertakes that the appropriate officials and employees of the Contractor will fully acquaint themselves with all relevant provisions of the Act and the Regulations promulgated in terms of the Act;	
		(b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and regulations will be fully complied with;	
		(c) The Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations, and expressly absolves the Employer from itself being obliged to comply with any of the aforesaid duties, obligations, and prohibitions; with the exception of such duties, obligations and prohibitions expressly assigned to the Employer in terms of the Act and its associated Regulations.	
		(d) The Contractor agrees that any duly authorised official of the Employer shall be entitled (although not obliged) to take such steps as may be necessary to ensure that the Contractor has complied with his undertakings as set out more fully in paragraphs (a) and (b) above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the Contractor, or to inspect any appropriate records or Safety Plans held by the Contractor;	
		(e) The Contractor shall be obliged to report forthwith to the Employer any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and regulations, pursuant to work performed in terms of this Contract, and shall, on written demand, provide full details in writing of such investigation, complaint or criminal charge.	
		charge. (f) The Contractor shall furthermore, in compliance with the Constructional Regulations of 2014 to the Act:	
		(i) Acquaint himself with the requirements of the Employer's Health and Safety Specification as laid down in regulation 4(1)(a) of the Construction Regulation of 2014, and prepare a suitably and sufficiently documented Health and Safety Plan as contemplated in regulation 5(1) of the Construction Regulation of 2014 for approval by the Employer or his assigned agent. The Contractor's Health and Safety Plan and risk assessment shall be submitted to the employer for approval within 14 days from the date of signing the Form of Acceptance and shall be implemented and maintained from the Commencement of the Works.	
		(ii) The Employer, or his assigned agent, reserves the right to conduct periodic audits, as contemplated in the Construction Regulations 2014, to monitor that the Contractor is compliant in respect of his obligations. Failure by the Contractor to comply with requirements of these Regulations shall entitle the Employer's Agent, at the request of the Employer or his Agent, to suspend all or any part of the Works, with no recourse whatsoever by the Contractor for any damages incurred as a result of such suspension, such time as the Employer or his Agents are satisfied that the issues in which the Contractor has been in default have been rectified."	
17	4.3.3	Add the following new sub-clause:	
		"4.3.3 The Contractor shall assume responsibility for compliance with the Environmental Management Programme (EMPR) in respect of the sites and shall ensure that the sites are rehabilitated before the conclusion of the Works assignment."	
18	4.9.2	Add the following as 4.9.2	
		"In order to preclude seizure by the owner of any constructional plant being held by the Contractor on a hire or hire-purchase agreement for the purposes of the Contract, the Employer shall be entitled to pay any such owner the amount of any outstanding instalment or other sum owing under any hire or hire-purchase agreement and in the event of his doing so,	

		any amount thus paid by him shall be a debt payable to the Employer by the Contractor and may be deducted by the Employer from any moneys owing or that may become owing to the Contractor in terms of the Contract, or be recovered at law from the Contractor by the Employer."	
19	4.9.3	Add the following as 4.9.3	
		"When entering into any subcontract for the execution of any part of the works, the Contractor shall incorporate in such subcontract, by reference or otherwise, the provisions of Clauses 4.9.1 and 4.9.2 in respect of constructional plant brought to the site by the subcontract."	
20	5.3.1	Works assignments will allocated to the Contractor as and when required. The duration of each assignment will be formulated prior to award of each assignment.	
		The Department will first allocate works to the first preferred service provider (the service provider that scores the highest points in the tender evaluation). The second preferred service provider for a specific LMA will only receive works packages if the available budget allocated for the financial year is sufficient to accommodate two service providers affectively, or if the first appointed contractor can no longer fulfil his obligations.	
		The documentation required before commencement with Works Assignment are:	
		An approved, Works Assignment specific Health and Safety Plan (Refer Clause 4.3) Works Assignment Construction programme (Refer Clause 5.6) Security/Performance Guarantee for the Works Assignment (Refer Clause 6.2) Insurances (Refer Clause 8.6) for the Works Assignment Signed agreement in terms of Section 37.2 of the OHS Act, 1993 Proof of registration on the Central Suppliers Database with "Tax Compliant" status A valid Letter of Good Standing from the Compensation Commissioner or FEMA A valid Letter of Good Standing from the Bargaining Council (BCCEI)	
21	5.3.2	The time to submit the documentation required before commencement with Works Assignment is within 14 days of being Awarded a Works Assignment	
22	5.8.1	The special non-working days are statutory public holidays, Saturdays, Sundays and the year-end break, as determined by SAFCEC. These days will be included for time calculations. Due to the contract being a maintenance contract, the contractor shall provide a full service during all special non-working days.	
23	5.8.2	Add the following to Clause 5.8.2:	
		"The cost of supervision by the Employers Agent or his representatives outside of normal (Monday to Friday) working hours as defined in Government Gazette 42391 of 12 April 2019 shall be to the Contractor's account."	
24	5.11.1	In the third line, after the word "progress", insert "or alter the order".	
25	5.12.1	Delete the contents of the Clause and replace with the following:	
		"There will be no extension of time unless agreed to by all parties in writing."	
26	5.12.2.2	Add to Clause 5.12.2.2:	
	0.12.2.2	"The time period specified as the time for completion includes allowances for those days on which it is expected that work, on the critical path items of the works, would be prevented due to weather conditions such as wind, rain falling or the subsequent waterlogged condition. Based on average weather conditions of wind, rain and sunshine the allowances are:	
		2 working days per month for the months of May to October	
		3 working days per month for the months of November to April	
		It should be noted that due to the Contract being a fixed term contract, there will be no extension of time awarded. The recording of abnormal climate conditions are for record purposes only."	
27	5.13	Add the following new sub-clauses:	
		"5.13.3 The provisions of sub-clause 5.13.1 shall also apply to completion of a specified stage of work as described in the Tender Forms, the Agreement, and the Contract Scope of Works. Where a penalty is enforced by the Employer for late completion of any stage	

		of work, the penalty shall not be refundable even if subsequent stages of completion are achieved on schedule.	
		If late completion of more than one stage occurs, the total penalty per day shall not exceed the penalty for late completion of the contract as defined in the Tender Forms, the Agreement or the Contract Scope of Works.	
		5.13.4 All penalties for which the Contractor becomes liable in terms of Sub-clauses 5.13.1 to 5.13.4 shall be deducted on a monthly basis from the Payment Certificates and will be accumulative. The Employer may, without prejudice to any other method of recovery, deduct the amounts of all such penalties from any monies in his possession that are or may become due to the Contractor.	
		 5.13.5 The imposition of any penalties in terms of Sub-clauses 5.13.1 to 5.13.4 shall not limit the Employer's Agent nor Employer's right to act in terms of Sub-clause 9.2. 5.13.6 The Contractor should notice that the following fines apply for non-conformance with the Project Specifications: 	
		 As per Clause C3.3.2.2 for Establishment and Late Completion As per Clause B1502 (j) for Accommodation of Traffic. 	
		As per Clause B13011 for Occupational Health and Safety nonconformities.	
		As per Clause B12016 for Environmental nonconformities	
		As per clause C3.3.2.3 for utilization of ME's	
		As per clause C3.3.2.4 for utilization of Local Labour	
28	5.14.5.5	Delete Clause 5.14.5.5 and replace with:	
		"Insurance of the works shall continue until the certificate of completion for the Works assignment under consideration is completed."	
29	5.16.3	The Latent Defects Liability Period is 10 years measured from the date of the Certificate of Completion.	
30	6.2.1	Delete Clause 6.2.1 and replace with: "A Performance Guarantee is required prior to commencement of any Works ONLY for assignments exceeding R 10m awarded from this Framework Appointment, unless specifically requested by the Employer."	
31	6.3.1	In the fifth line, after the word "shall", insert "with the approval of the Employer".	
32	6.3.4	Add the following new sub-clause 6.3.4:	
		"The quantities indicated in the Schedule of Quantities are fictitious and only included to obtain a competitive price. The actual scope of works and quantities will be determined on an "adhoc" basis for each works assignment. No claims regarding the deviations of quantities indicated in the Schedule of Quantities will be entertained."	
33	6.5.1.2.3	The percentage allowances to cover all overhead charges are limited to a maximum of 20% of each works assignment (excluding VAT).	
34	6.6.1.2	After all references to the word "sums", insert "excluding VAT"	
35	6.8.1	Add the following: "The tender rates and prices shall also be exclusive of Value Added Tax (VAT). Provision is made for the addition of VAT in the summary of the Bill of Quantities.	
		In the event that rates are required for items not included in the Schedule of Quantities, rates may be requested from the Contractor and approved if they are in line with "market related prices".	
		Materials contained in the payment items included in the Schedule of Quantities, labelled with the prefix "ECB" must be procured within the boundaries of the Eastern Cape"	
36	6.8.2	The value of the certificates issued shall be adjusted in accordance with the Contract Price Adjustment Schedule with the following values:	
		The value of "x" is 0.10	
		The values of the coefficients are:	
		a = [0.40] (labour)	
		b = [0.25] (contractor's equipment)	

		c = [0.15] (material) d = [0.2] (fuel)	
		The base month and year are the month prior to the month in which tenders close.	
37	6.10.1.5	The percentage advance on materials not yet built into the Permanent Works is 80%	
38	6.10.1.9	Add the following new clause: "The Contractor is required to submit completed, accurate and signed monthly Expanded Public Works Programme (EPWP) reports, attached to this tender document as Appendix C, together with all monthly payment certificates. Payment to the Contractor will not be processed until the EPWP reporting for a specific month is provided.	
39	6.10.2	Add the following: "Payment for materials on site will only be considered for those materials which are physically on site. Any statement in which a claim for materials off site is included, shall have attached a declaration that the materials listed in the statement are owned by the Contractor, accompanied by proof of ownership. The ownership of materials shall be transferred to the Employer in accordance with the relevant pro-forma"	
40	6.10.3	The percentage retention on the amounts due to the Contractor is 5% of the Contract Price (excluding VAT) per works assignment and 50% is to be released at the completion which will be deemed to be the end of the 36-month framework period and the further 50% at the end of the six month defects liability period.	
41	6.11.1.3	Delete the words "15 percent and replace with "30 percent". Note "Contract Sum" pertains to the Works Assignment awarded and is not based on the fictitious quantities contained in this original Framework tender for ad hoc maintenance.	
42	7.2.1	Add the following at the end of the paragraph: "subject to approval of the Employers Agent".	
43	7.8.2.2	In subsubclause7.8.2.2 add the following: ", subject to such work being done on a written instruction by the Employer's Agent."	
44	8.2.2.3	Add the following to the end of Clause 8.2.2.3 "risk arising from political riot and malicious damage, unless these risks are insurable with The South African Special Risk Insurance Association at the time of tendering and it is stipulated in the Contract that the Contractor is to effect insurance against these risks".	
45	8.3	Add the following: "COVID19 is not considered an Excepted risk and allowances must be made by the Contractor in his Tender."	
45	8.6	Delete Clause 8.6 and replace it with:	
		(1) Without limiting his obligations in terms of the Contract, the Contractor shall before commencement of the Works assignment effect and maintain the following insurances covering the respective interests of the Contractor and the Employer:	
		(a) Insurance of the Works and of all movables on the Site intended for incorporation in the Works against damage or physical loss from whatsoever cause arising (other than causes set out in Clause 8.3.1)	
		(i) for the period for which the Contractor is responsible for the Works in terms of Clause 8.2, and	
		 (ii) for a sum insured which shall, unless otherwise specified in the Contract, be the aggregate of (aa) the Value of the works set out, 	
		 (bb) a sum to cover the value (specified at the time of delivery to the Contractor) of (cc) a sum to cover professional fees, not included in the Contract Price, payable in respect of the repair or reinstatement of damage to the Works or said movables. 	
		(b) A Coupon Policy for Special Risks Insurance issued by the South African Special Risks Insurance Association is required.	
		(c) Public Liability insurance from the Commencement Date for the Works assignment to the date of the Certificate of Completion (applicable to a specific awarded Works assignment) or the end of the Defects Liability Period (if any) for a minimum limit of	

		indemnity of R 20 000 000 , with no limitation on the number of accidents in any one year, covering the Employer and the Contractor against their respective liability for the death of or injury to any person or loss of or damage to any property (other than property while it is insured in terms of paragraph (a)) arising out of or in the course of the performance of the Contract: Provided that	
		(i) the insurance shall not be required to cover any liability arising out of any of the matters referred to in the provisos of Clause 8.3.1 (Excepted Risks), and	
		(ii) the insurance shall include a cross-liability clause such that the insurance shall apply to the Contractor and to the Employer as separate insured parties.	
		(2) Save as otherwise provided in the Contract, nothing herein contained shall oblige the Contractor to effect any insurance which is not generally obtainable from a registered insurer in the Republic of South Africa.	
		(3) The insurances referred to in Sub-Clause (1) shall be effected with an insurance company registered in the Republic of South Africa and the terms thereof shall be subject to approval by the Employer, which approval shall not be unreasonably withheld.	
		(4) The Contractor shall produce to the Employer the policies by which the insurances are affected and proof of the due payment of all premiums thereunder and of the continuity of the policies for the required period within 14 days of receipt of the Letter of Acceptance for a specific Works assignment.	
		(5) The Contractor and the Employer shall comply with the terms and conditions of the insurance policies.	
		(6) If the Contractor shall fail to effect and keep in force any of the insurances referred to in Sub-Clause (1), the Employer may effect and keep in force such insurance and pay such premium or premiums as may be necessary for the purpose and the Contractor shall refund the amounts of such premiums to the Employer.	
		(7) The Contractor shall provide proof that he has paid all contributions required in terms of the Compensation for Occupational Injuries and Diseases Act, No. 130 of 1993, and that he has complied with the provisions of the Occupational Health and Safety Act, No. 85 of 1993.	
46	9.2		
		DELETE AND REPLACE WITH:	
		DELETE AND REPLACE WITH: "9.2 Termination by Employer:	
		"9.2 Termination by Employer:	
		 "9.2 Termination by Employer: 9.2.1 If: 9.2.1.1 Application is made for the sequestration of the Contractor's estate, or if the Contractor publishes a notice of surrender of his estate, or presents a petition for the acceptance of the surrender of his estate as insolvent, or (being a company or close corporation) goes into liquidation, whether provisionally or finally (other than a voluntary liquidation for the purpose of amalgamation or reconstruction), or is 	
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		9.2.2.6 Has failed to remove Plant or materials from Site, or to demolish and redo work, within fourteen (14) days after receiving from the Employer's Agent written notice that the said Plant, materials, or work have been condemned and rejected by the Employer's Agent in terms of these conditions; or
		9.2.2.7 Is not carrying out the Works in accordance with the Contract, or is neglecting to carry out his obligations under the Contract; or
		9.2.2.8 Anyone, on his behalf has paid, offered, or offer as payment, to any person in the employ of the Employer or to the Employer's Agent, or any person in the employ of the Employer's Agent, a gratuity or reward or commission; or
		9.2.2.9 Has furnished inaccurate information in the returnable documents completed at tender stage and forming part of the Contract;
		then the Employer may, after giving fourteen (14) days written notice to the Contractor, (with specific reference to this Clause) to remedy the default, terminate the Contract."
		9.2.3 When the Contract is terminated, the Employer may order the Contractor to vacate the Site and hand it over to the Employer. The Employer may then enter the Site and the Works and expel the Contractor therefrom without thereby affecting the rights and powers conferred on the Employer or the Employer's Agent by the Contract. The Employer may complete the Works himself, or may employ another contractor to complete the Works, and the Employer, or such other contractor, may use for such completion as much of the Construction Equipment, Temporary Works and materials brought onto the Site by the Contractor as the Employer may think proper. If, Clause 9.2.1.1 is not applicable, the Employer may at any time sell any of the said Construction Equipment, Temporary Works and unused materials and apply the proceeds of sale towards payment of any sums that may be due or become due to the Employer by the Contractor under the Contract. In such circumstances, the Contractor shall forthwith vacate the Site and shall not be entitled to remain on the Site based on a right of retention until amounts due to him have been paid and neither will the Contractor be entitled to any further payments in terms of this Contract.
		9.2.4 Should the amounts the Employer must pay to complete the Works exceed the sum that would have been payable to the Contractor on due completion by him, the Contractor shall, upon demand, pay to the Employer the difference. This sum shall legally be deemed a debt due by the Contractor to the Employer and shall be recoverable accordingly;
		provided that, should the Contractor on demand not pay the amount of such excess to the Employer, such sum may be determined and deducted by the Employer from any sum due to or that may become due to the Contractor under this or any previous or subsequent contract between the Contractor and the Employer.
		9.2.4 If the provisions of Clause 9.2.11 apply, any notice or order referred to in this Clause shall be delivered to the trustee or liquidator or business rescue practitioner, and the rights and obligations vested in, or binding on the Contractor, shall vest in or be binding on the estate under sequestration, liquidation, or business rescue."
47	9.2.1.3.6	Add the following at the end of the paragraph:
		On completion of each works assignment, the Contractor will be evaluated by a panel consisting of the District Roads Engineer, District Manager and Head of Supply Chain in the specific District. Should the work not have been conducted to a satisfactory standard (within time, budget and to the required specifications) the Department shall have the right to decide not to award any further Work assignments to the said contractor and remove said contractor from this Framework Appointment.
48	10.5.2	Disputes shall be referred to ad hoc Adjudication.

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PART 2: DATA PROVIDED BY THE CONTRACTOR

No.	Clause	Description			
1	1.1.1.9	The Contractor is [The Legal name of the Contractor].			
2	1.2.1.2	The Contractor's address for receipt of communication	s and noti	ces is :	
		Telephone: Facsimile	:		
		E-mail:			
		Address (Postal): Address	(Physical)	:	
3	6.2.1	The security to be provided by the Contractor shall be:			
		Type of Security			
		Performance Guarantee of 5% of the Contract Suawarded from this Framework Agreement and which shall be released once the works package is complete	exceeds F		
4	6.5.1.2.3	The percentage allowance to cover all overhead charges for each works assignment is 20%			
5	6.8.3	The variation in cost of special materials is (if applicable)			
		Type of special material	Unit	Rate	
		Not Applicable			

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C1.3: PERFORMANCE GUARANTEE (PRO FORMA)

GUARANTOR DETAILS AND DEFINITIONS

"Guarantor" means:
Physical address:
"Employer" means:
"Contractor" means:
"Employers Agent" means:
"Works" means:
"Site" means:
"Contract" means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.
"Contract Sum" means: The accepted amount for Works assignment inclusive of tax of R
Amount in words:
"Guaranteed Sum" means: The maximum aggregate amount of R
Amount in words:

"Expiry Date" means: The date of issue by the Employers Agent of the Certificate of Completion of the Works.

CONTRACT DETAILS Employers Agent issues: Interim Payment Certificates, Final Payment Certificate and the Certificate Completion of the Works as defined in the Contract.

PERFORMANCE GUARANTEE

- 1 The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
- The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to the date of issue by the Employers Agent of the Certificate of Completion of the Works. The Employers Agent and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.

The Guarantor hereby acknowledges that

- 3.1 any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
- 3.2 Its obligation under this Performance Guarantee is restricted to the payment of money.
- 3 Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
- 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Employers Agent in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;

- 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid:
- 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
- Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee. such demand stating that:
- 5 5.1the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
- 5.2a provisional or final sequestration or liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
- 5.3the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
- It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
- Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.
- The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
- The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
- This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor, The original of this Guarantee shall be returned to the Guarantor after it has expired.
- 15 This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
- Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at Dat	e
Guarantor's signatory (1)	Capacity
Guarantor's signatory (2)	Capacity
Witness signatory (1)	. Witness signatory (2)

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CONTRACT

PART 2 (OF 4): PRICING DATA

- C2.1 Pricing Instructions
- C2.2 Bill of Quantities

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FRAMEWORK AGREEMENTS FOR AD HOC ROUTINE MAINTENANCE WORKS TO VARIOUS PROVINCIAL ROADS IN THE SARAH BAARTMAN DISTRICT OVER A PERIOD OF 3 YEARS

C2.1: PRICING INSTRUCTIONS

C2.1.1 For the purposes of this Bill of Quantities, the following words shall have the meanings hereby assigned to them.

Unit: The unit of measurement for each item of work as defined in the Standard

Specifications or the Project Specifications.

Quantity: The number of units of work for each item.

Rate: The payment per unit of work for which the Tenderer tenders to do the work.

Amount: The product of the quantity and the rate tender for an item.

Lump Sum: An amount tender for an item, the extent of which is described in the Bill of

Quantities, the Specifications or elsewhere, but of which the quantity of work is

not measured in units.

C2.1.2 This Bill of Quantities forms part of the contract documents and must be read in conjunction with all the other documents comprising the contract documents.

C2.1.3 The quantities set out in the Bill of Quantities are fictitious quantities for the purpose of reducing tenders to a comparable basis for evaluation. The quantities of work finally accepted and certified for payment, and not the quantities given in the Bill of Quantities, will be used to determine payments to the Contractor. Each works assignment will be calculated on an "ad-hoc" basis, and works will be set out accordingly.

The validity of the contract shall in no way be affected by differences between the quantities in the Bill of Quantities and the quantities finally certified for payment. Work is valued at the rates or lump sums tender, subject only to the provisions of subclause 1209 (a) of the Standard Specifications.

- C2.1.4 Rates and lump sums shall include full compensation for overheads, profits, incidentals, all taxes (other than VAT), etc. and for the completed items of work as specified, all in accordance with sub-clause 1209 (b) of the Standard Specifications. Full compensation for completing and maintaining, during the defects liability period, all the work shown on the drawings and specified in the Standard Specifications and Project Specifications and for all the risks, obligations and responsibilities specified in the General Conditions of Contract, Special Conditions of Contract, Standard Specifications and Project Specifications shall be considered as provided for collectively in the items of payment given in the Bill of Quantities, except in so far as the quantities given in the Bill of Quantities are fictitious and only intended to reduce the tenders to a comparative basis for evaluation purposes.
- C2.1.5 Materials contained in the payment items included in the Schedule of Quantities, labelled with the prefix "ECB" (East Cape Buy) must be procured within the boundaries of the Eastern Cape.
- C2.1.6 The Tenderer shall fill in a rate or a lump sum for each item where provision is made for it even where no quantities are given. Items against which no rate or lump sum has been entered in the tender will not be paid for when the work is executed, as payment for such work will be regarded as being covered by other rates or lump sums in the Bill of Quantities.

The Tenderer shall fill in a rate against all items where the words "rate only" appear in the amount column. Although no work is foreseen under such item and no quantities are consequently given in the quantity column, the tender rate shall apply should work under this item actually become required. Tenderers should note the provisions of paragraph 14 of this preamble.

If the Tenderer should group a number of items together and tender one lump sum for each group of items, this single tender lump sum shall apply to that group of items and not to each individual item, or should he indicate that full compensation for any item has been included in the rate for another item, the rate for the item included in another item shall be deemed to be nil.

The tender lump sums and rates shall be valid irrespective of any change in the quantities during the execution of the contract. (refer to Contract Data clause 6.11.1.3 on page C1.13).

- C2.1.7 The works executed are measured for payment in accordance with the methods described in the contract documents under the various payment items, notwithstanding any custom to the contrary. Attention is directed to the provisions of Clause 1220 of the Standard Specifications regarding the measurements of quantities for payment. Except where specified otherwise than in Clause 1220, the nett measurement or mass of the finished work in place shall be taken for payment, and any volume or mass of work in excess of that prescribed, shall be excluded.
- C2.1.8 The amount of work or the quantities of material stated in the Bill of Quantities **shall not be considered as restricting or extending** the amount of work to be done or quantity of material to be supplied by the Contractor.
- C2.1.9 The statement of quantities of material or the amount of work in the Bill of Quantities shall not be regarded as authorisation for the Contractor to order material or to execute work. The Contractor shall obtain the Engineer's detailed instructions indicating applicable payment item(s) for all work before ordering any materials or executing work or making arrangements in this regard.
- C2.1.10 The short descriptions of the payment items in the Bill of Quantities are only given to identify the items and to provide specific details. Reference shall, inter alia, be made to the drawings, COLTO Standard Specifications for Road and Bridge Works for State Road Authorities, Project Specifications, General Conditions of Contract and Special Conditions of Contract for more detailed information regarding the extent of work entailed under each item.
- C2.1.11 The provisions of Clause 6.6 of the General Conditions of Contract shall apply to provisional sums and prime cost sums.
- C2.1.12 Subject to the conditions stated in paragraph C2.1.13 below, the rates and lump sums filled in by the Tenderer in the Bill of Quantities shall be final and binding with regard to submitting the tender, and may not be adjusted should there be any mistakes in the extensions thereof and in the total sums appearing in the tender. Adjustment of the rates to minimise commercial risk will take place prior to the signing of the contract. In their own interest Tenderers must make doubly sure of the correctness of their tender rates, the extensions and the Tender Sum.

Arithmetical errors of responsive tenders will be corrected as per CIDB Practice Note #2 (February 2008).

- C2.1.13 A tender may be rejected if the unit rates or lump sums for some of the items in the Bill of Quantities are, in the opinion of the Employer, unreasonable or out of proportion, and if the Tenderer fails, within a period of seven (7) days of having been notified in writing by the Employer or the Employer's Agent to adjust the unit rates or lump sums for such items, to make such adjustments.
- C2.1.14 The units of measurement indicated in the Bill of Quantities are metric units

The following abbreviations are used in the Bill of Quantities:

mm	=	millimetre
m	=	metre
km	=	kilometre

kilometre-pass km-pass m^2 square metre m²-pass square metre pass = hectare ha _ ${\rm m}^{\rm 3}$ cubic metre = m³-km cubic metre kilometre = ı litre kΙ kilolitre = kilogram kg = ton (1000 kg) t = number No = MN Mega Newton = MN-m Mega Newton-metre = percent % = KW kilowatt ΚN kilonewton = PC sum prime cost sum Prov sum provisional sum

- C2.1.15 All rates and sums of money quoted in the Bill of Quantities shall be in Rands and whole cents. Fractions of a cent shall be discarded
- C2.1.16 The item numbers appearing in the Bill of Quantities refer to the corresponding item numbers in the COLTO Standard Specifications for Road and Bridge Works for State Road Authorities. Item numbers prefixed by the letter B refer to payment items described under Part B of the Project Specifications, those with C to payment items described under Part C, and so on for further parts of the project specifications.
- C2.1.17 The extent of the works contained in the Bill of Quantities is fictitious and only included to obtain a competitive tender for evaluation purposes. The works will be set out on an "adhoc" basis per works assignment. The quantity of works allocated may not necessarily be equal to the value of works contained in the schedule of quantities in this Framework document.

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C2.2: BILL OF QUANTITIES	
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SCMU10-24/25-0004I	F	
	A: MAINTENANCE WORKS IN BAVIAANS	
The Contract - Part (2_ Pricing Data	Page C2 33

	CT NO SCMU10-24/25-0004 (A-F)		OLIANITITY	DATE	AMOUNT
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GENERAL REQUIREMENTS AND PROVISIONS				
12.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1		
	(b) Monthly transport allowance for CLO for duration of Contract	Prov. Sum	1		
	(c) Remuneration of PSC representatives from the community to attend official meetings	Prov. Sum	1		
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
	Provision of hire of Plant by the Contractor for the Department for	Prov. Sum	1		
	emergency work outside of the LMA				
12.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
12.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
312.12	Installation of Contract Name Boards	No.	5		
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ГЕМ НО	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL				
	OBLIGATIONS				
3.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(iv) Greater than No. 9 min	70	11 11 000 000		
	(c) Time-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	Month	3		
	(ii) R2.0 - R4.0 mil (iii) R4.0mil - R6.0 mil	Month Month	3 12		
	(iv) Greater than R6.0 mil	Month	12		
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	CT NO SCMU10-24/25-0004 (A-F)				1
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	DI FADING AND ODIFFDING				
00	CLEARING AND GRUBBING				
7.01	Clearing and grubbing	ha	66		
17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
17.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
17.08	Removal of undesirable vegetation	m²	66000		
	resilient and and regetation		30000		
17.09	Shredding of vegetation cuttings in situ	m³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
, 10.02	overhaul)	m³-km	660		
17.10	Clearing and grubbing narrow strips	m²	100		

CONTRAC	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
318.02	Replacing of damaged facilities				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.03	Treatment of existing concrete rest area furniture				
710.03	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.04	Treatment of existing concrete bridge balustrades (a) Balustrades	m²	810		
	(a) Builderiados		0.0		
318.05	Cleaning of Rest Areas as well as removal of litter				
	(a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		

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	FORWARD TO SUMMARY	1			

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)	IIMIT	OHANTITY	DATE	AMOUNT
1	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
B1900	DAYWORKS (PROVISIONAL)				
	,				
319.01	Personnel during normal working hours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger	hr	10		
	(e) Flagman	hr	20		
	Plant		_		
	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar) (h) Compactor (Bomag 90 or similar)	hr	18 9		
		hr			
	(i) Water truck (11000 liter)	hr hr	9		
	(j) Dozer (D7 or similar)) (k) Mechanical broom	hr hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		***************************************
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size		9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		***************************************
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		
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	CT NO SCMU10-24/25-0004 (A-F)	_			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2100	DRAINS				
321.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
21,15	Overhaul for material hauled in excess of 1,0km free-haul	m³-km	432		
	(normal overhaul)				
21,16	Backfilling existing eroded side drains	m³	200		
21,17	Test flushing of pipe subsoil drains	No	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains	-	400	***************************************	
	(i) 0m up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
			4=0		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved sources on site	m³	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
DZ 1.00	(a) Perforated pitchfibre pipe (150mm)		500		
	(b) Non perforated pitchfibre pipe (150mm)	m m	500		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
	(a) Outlet structures	No	10		
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CONTRA	CT NO SCMU10-24/25-0004 (A-F)				T
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges				
	below the level surface level	3	20		
	(i) 0m up to 1,5m (ii) Exceeding 1,5m and up to 3,0m	m³ m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,		10		
	irrespective of depth	m³	5		
2,02	Backfilling				
	(a) Using the excavated material	m³	30		
	(b) Using imported selected material	m³	10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
2,03	Concrete pipe culvert				
,	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
		-			
2,05	Portal and rectangular culverts	-			
	(a) complete with prefabricated floor slab		100		
	(i) 1200x1200 class 150S or equivalent (ii) 1500x1500 class 150S or equivalent	m m	100	***************************************	
	(ii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2				
	surface finish (Class 30/19mm Concrete)	m³	300,00		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes,				
	thrust and anchor blocks, excluding formwork but including class U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
	(a) 1 om work for concrete under substem 22.07 (a & c) above		2000		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes				
	(i) 600 mm	m	14		
22,14	Removing and disposing of existing pipes	m	14		
-,	realisting and disposing or onloning pipes			***************************************	
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				
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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI INU	DESCRIPTION	ONII	QUANTIT I	NATE	ANIOUNI
.00	ASPHALT AND CONCRETE BERMS				
1,01	Asphalt berms:				
	(a) Placed where there are no guardrails (Cold premix)	m	220		
	(b) Placed at existing guardrails (Cold premix)	m	220		
4,03	Prime and tack coats:				
,	(a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	(b) Tack coat	m²	92		
					

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
31,03	Finishing-off borrow areas	ha	0,3		
71,00	Timisimiy-on borrow areas	IIa	0,0		

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TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVINO	DESCRIPTION	Oitii	QUARTITI	NAIL	AMOON
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
2.04	Description a compliant and / or consuming plants				
2,01	Providing a crushing and / or screening plant:	NI-			
	(a) Single-stage crusher	No	3		
2,02	Re-erecting the crushing and / or screening plant:				
_,	(a) Single-stage crusher	No	1		
	, , ,				
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	m³	200		
		_			
2,06	Stockpiling of material (for use by department)	m³	500		

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	T NO SCMU10-24/25-0004 (A-F)				I
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	MACC FARTHWORKS				
300	MASS EARTHWORKS				
	Cut and harrow to fill including freehoul up to 1.0 km.				
	Cut and borrow to fill, including freehaul up to 1,0 km:				
	(a) Material in compacted layer thickness of 200mm and less :				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
	\(\frac{1}{2}\)				
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
	from :				
		3	400		
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		
<i>x</i>	The second secon				
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	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
****	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
34,02	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
DUT. 10	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
	(b) 7111 Toda wiath (haing surface)	KIII	20		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
B34.17	Special grading				
D34.17	(a) 6m road width (riding surface)	km	5		
			5		
	(b) 7m road width (riding surface)	km	3		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5	-	
B34.19	Heavy Maintenance				
200	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching	_			
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation				
	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
JUT.LL	(a) 6m road width	km			Rate Only
	(b) 7m road width	km	1		itale Only
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders				
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c ) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
	(a) Remove material and load for spoil	km	88		
	(b) Remove material and dispose of adjacent to road	km	176		
		m³-km	5775		
24/16 00		i iii-km	5775		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)				
34/16.02 B34.26	Regravelling in short lengths up to 300m	m³	7500		

ITEM NO	ACT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate Onl
	(c) Crushed stone base course	m³	1320		
B39.03	Packfilling of executions for natching with:				
D39.U3	Backfilling of excavations for patching with:  (a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)	<u> </u>			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement	,			
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m ²	m³	396		
	(b) G2 Base course material from commercial sources with bituminous		***************************************		
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
B39.06	Tack coat (60% stable grade emulsion)	ı	6160		
200.00	Technological Grand of the Control o		0.00		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using	2	440		
	(a) Cold premix (b) C4 (stabilised) material	m³ m³	440		
	(U) OF (Stabilised) Haterial	1117	44		
			***************************************		

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PRIME COAT				
,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	l	10		
	(b) Quick drying RTH 1/4P tar prime	I	10		
	(c) MC-30 cut-back bitumen	I	1000		
	(d) MC-70 cut-back bitumen	1	10		
	(e) Invert bitumen emulsion	I	10		
	(f) MC - 30 SP	I	10		
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	CT NO SCMU10-24/25-0004 (A-F)				T
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)	***************************************			
000	BITOMINIOGO GINGLE GEAL WITH GEGINN (GAI E GEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen	<u> </u>	-		Rate Onl
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate Onl
16,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate Onl
16,05	Variation in the rate of application of the slurry:	m³	-		Rate Onl
	FORWARD TO SUMMARY ·				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	TREATMENT OF AN EXISTING SURFACE				
	EXHIBITING CERTAIN DEFECTS				
***************************************	POTHOLE REPAIR - P01				
18 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth : (provisional sum)		44000		
	(i) not exceeding 50 mm	m	11000		
18/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		
l8/B39 06	Tack Coat (60% spray grade emulsion)	ı	3080		
.0,200.00	Tuest Court (Corresponding State Commission)				•
18/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
***************************************	The second of th				
348.04	Screed of asphalt or coarse slurry :		400		
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	<u> </u>	400		
	(b) Continuously - graded medium mixture asphalt (c) Coarse grade slurry	t m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	(d) only out occining you min strip				
	CRACK SEALING - PO4				
10.00	Cleaning the speaks with company dis	Luna	F		
18,06	Cleaning the cracks with compressed air	km	5		
18,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE REPAIRS - PO5				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks ( avg depth = 80 mm )	m	4400		
348.05	Repairing edge breaks in surfacing				
740.00	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water		924		
	(c) Reconstructing edges using cold premix	t	95		
	OLUBBY OF ALTERIATIVE TO CO.				
	SLURRY SEAL TREATMENT - PO6				
48.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion	<u> </u>	25256		
	(b) Slurry applied by hand (coarse grade slurry)	-			
	(i) Not exceeding 50m²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m² m²	8800		
	(iv Exceeding 150m²	m²	22000		+
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	T NO SCMU10-24/25-0004 (A-F)				1
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
	THE OTHER OF THE PROPERTY OF T				
1,01	Stone pitching				
	(b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		
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	FORWARD TO SUMMARY				<del> </del>

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
.,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Surface preparation for bedding the gabions	2	100		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
2,04	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m³	50		
***************************************					
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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
4,03	Extra over items 54.01 for horizontally curved guardrails factory				
1,00	bent to a radius less than 45m	m	20		
4,04	End treatments:				
	(d) End treatments in accordance with the drawings where single guardrail sections are used	No	2		
54,05	Additional guardrail posts:	Na	20		
	(a) Timber	No	20		
4,06	Reflective plates				
***************************************	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
354.08	Renovating guardrail material:				
	(a) Straightening of Guardrails (rolling) (c) Cleaning and painting	m m	200		
	(c) Cleaning and painting		200		
4,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11	New material required for the re-erection of guardrails with				
	recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates	No	500		
	(e) Spacer blocks	No No	200		
	(f) Splice bolt complete with nut and washer	No	500		
	(g) Post bolt complete with nut and washer (h) Reinforcing plates	No No	500		
	(ii) Reinforcing plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
, 1, 10	Steel Sace Plates for times, guardian poots on or astaros				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
	I FORWARD TO SUMMARY	1			

	ACT NO SCMU10-24/25-0004 (A-F)	1			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing )	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(1), 2 - FF				
55.03	New gates				
.00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Fedestilali gales as pel diawings	INO	30		
	Diam antalling orieting forces				
55.05	Dismantelling existing fences:				
	(a) Fences:	Long			
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		
		1			
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	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing )	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontalling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
			-		
		T			

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	DOAD CIONO				
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1	***************************************			
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1 - R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:	No.	2		
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		
	- W108	No.	2		
	- W327	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				***************************************
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
	- W401	No.	30		
	- W402 (v) 450mm x 450mm Hazard Marker Signs	No.	30		
	- W405	No.	30		
	- W406	No.	30		
	W 100	140.			
6,03	Road sign supports:				
	(b) Timber				
	(i) 75mm diameter	m	100		
	( ii ) 100mm diameter	m	100		
					***************************************
56.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
6,05	Excavation and backfilling for road sign supports:				
5,00	(a) Excavation for sign supports	m³	20		
	(a) Zzodradom or elgin cappone				
5,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	10		

CONTR	ACT NO SCMU10-24/25-0004 (A-F)				1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
57,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
	<u> </u>				
B57.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	-		Rate Onl
	compound				
				***************************************	
57,04	Variations in rate of application:				5 . 6 .
	(a) White paint	<u> </u>	-		Rate Only
	(b) Yellow paint		-		Rate Only
	(d) Retro-reflective beads	I	-		Rate Only
	(e) "Glowline" compound		-		Rate Only
			450		
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
F7.00	Cotting out and appropriate the lines (evaluation treffic island				
57,06	Setting out and premarking the lines (excluding traffic island	1	007		
	markings, lettering and symbols)	km	367		
57,08	Removal of existing, temporary and permanent road markings by:				
	(a) Sandblasting	m ²	100		
57,09	Removal of existing roadstuds	No	100		
DEZ 00	0	N1-	F0		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per  Manufacturer's specifications, inclusive of fitment complete	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
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TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		1			
900	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
59.01	Einishing road and road roccesso				
59.01	Finishing road and road reserve a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees	ha	1		
				-	
					1

T	ACT NO SCMU10-24/25-0004 (A-F)		011451777	DATE	AMOUNT
EM NC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m ³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material	2	0		
	irrespective of depth	m³	2		
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
1,00	(d) Mass concrete ( Class 15 MPa )	m³	5		
	(u) Wass concrete ( class 15 Wil a )	111	3		
~~~~					

	ACT NO SCMU10-24/25-0004 (A-F)				
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
,01	Formwork to provide class E2 curfose finish				
2,01	Formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	•				
2,02	Vertical formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		

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	D FORWARD TO SUMMARY				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
800	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

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TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2-23 113	01			
100	CONCRETE FOR STRUCTURES				
1,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
4,04	Epoxy bonding of new concrete surfaces to old	m²	12		
4,06	Demolishing existing concrete:				
4,00	(b) Reinforced concrete in				
	(i) Causeways	m³	15		
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ADDIE	D FORWARD TO SUMMARY	•			

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAES				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

	ACT NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING				
91.01	Mowing the grass				
31.01	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide		5		
	strip on either side of the road)	KIII	3		
91.02	Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		
	(c) Signit thangle at intersections	111-	2000		

	i e		1		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
3103.01	Contractor's mark-up for emergency maintenance	%	50000		

	T NO SCMU10-24/25-0004 (A-F)				
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
13002	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations	Lump sum	1		
	and Constitution Regulations	Lump sum			
13003	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004	Provision for Personal Protective Equipment & Protective Clothin	g			
	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats (iv) Protective foot wear	No No	20		
	(v) Earplugs	No	20		
	(vi) Dust masks	No	20		
13005	Provision of full time Construction Health and Safety Officer	Month	36		
10000	1 104131311 OF THE HARD CONSTRUCTION THEATH AND SAFETY OFFICER	IVIOLIUI	30		
13006	Costs of medical certificates and Medical Surveillance				
	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
13008	Environmental Monitoring	No tests	1		
13009	Noise Monitoring	No	1		
13010	Payment for Health & Safety representatives at meetings	Lump sum	1		
13011	Provision of First Aid boxes	Lump sum	3		
13012	Transportation of Workers	Month	36		
13013	Submission of the Health and Safety File	Lump sum	1		
13013	Submission of the Health and Salety File	Lump sum			
ARRIF	FORWARD TO SUMMARY ·				1

CONTRAC	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
I I EWI NO	DESCRIPTION	UNII	QUANTITY	KAIE	AWOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
315007	Training of Local Labour				
	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,0
3150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,0
315007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
315007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0

ARRIED	FORWARD TO SUMMARY :				

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN BAVIAANS

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating O	Finishing the Roads and Road Reserve Id Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100 R	Testing Workmanship and Materials	

Section 9100	Controlling Vegetation Growth – Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES R	

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.

SCMU10-24/25-0004F	

B: MAINTENANCE WORKS IN BLUE CRANE

	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMEDAL DECLUDEMENTS AND DROVIGIONS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1 1		
	Monthly transport allowance for CLO for duration of Contract Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		

ARRIE	FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(c) Time-related obligations for works assignments ranging between: (i) R0 - R2.0 mil	Month	3		
	(i) R2.0 - R2.0 mil	Month	3		
	(iii) R4.0mil - R6.0 mil	Month	12		
	(iv) Greater than R6.0 mil	Month	12		

	PEORWARD TO SUMMARY				

	CT NO SCMU10-24/25-0004 (A-F)				1
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	DI FADING AND ODIFFDING				
00	CLEARING AND GRUBBING				
7.01	Clearing and grubbing	ha	66		
17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
17.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
17.08	Removal of undesirable vegetation	m²	66000		
	regetation		30000		
17.09	Shredding of vegetation cuttings in situ	m³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
, 10.02	overhaul)	m³-km	660		
17.10	Clearing and grubbing narrow strips	m²	100		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)				
140	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
10.02	Penlacing of demagned facilities				
18.02	Replacing of damaged facilities (a) Litter containers	No	9		
	(b) Tables		35		
		No			
	(c) Benches	No	9		
18.03	Treatment of existing concrete rest area furniture				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
18.04	Treatment of existing concrete bridge balustrades				
	(a) Balustrades	m²	810		
40.05	Cleaning of Boot Asses well				
18.05	Cleaning of Rest Areas as well as removal of litter (a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		

			1		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)	IIMIT	OHANTITY	DATE	AMOUNT
1	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
B1900	DAYWORKS (PROVISIONAL)				
	,				
319.01	Personnel during normal working hours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger	hr	10		
	(e) Flagman	hr	20		
	Plant		_		
	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar) (h) Compactor (Bomag 90 or similar)	hr	18 9		
		hr			
	(i) Water truck (11000 liter)	hr hr	9		
	(j) Dozer (D7 or similar)) (k) Mechanical broom	hr hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		***************************************
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size		9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		***************************************
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		
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	CT NO SCMU10-24/25-0004 (A-F)	LINDT	OHANTITY	DATE	AMOUNT
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0400	DD ANNO				
2100	DRAINS				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
04.45	Overhead for material haded in average of 4 0km free had	3 I	422		
21,15	Overhaul for material hauled in excess of 1,0km free-haul (normal overhaul)	m³-km	432		
21,16	Backfilling existing eroded side drains	m³	200		
21 17	Tost flushing of nine subsell drains	No	2		
21,17	Test flushing of pipe subsoil drains	INO	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
	, , , , , , , , , , , , , , , , , , ,				
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains				
2200	(i) Om up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved	m³	150		
D21.00	sources on site	1116	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
	(a) Perforated pitchfibre pipe (150mm) (b) Non perforated pitchfibre pipe (150mm)	m m	500		
	(b) Non pendrated pitchilbre pipe (130mm)	m	300		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
JE 1.14	(a) Outlet structures	No	10		
	7	110	10		
		<u> </u>			

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				T
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges				
	below the level surface level	3	20		
	(i) 0m up to 1,5m (ii) Exceeding 1,5m and up to 3,0m	m³ m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,		10		
	irrespective of depth	m³	5		
2,02	Backfilling				
	(a) Using the excavated material	m³	30		
	(b) Using imported selected material	m³	10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
2,03	Concrete pipe culvert				
,	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
		-			
2,05	Portal and rectangular culverts	-			
	(a) complete with prefabricated floor slab		100		
	(i) 1200x1200 class 150S or equivalent (ii) 1500x1500 class 150S or equivalent	m m	100	***************************************	
	(ii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2				
	surface finish (Class 30/19mm Concrete)	m³	300,00		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes,				
	thrust and anchor blocks, excluding formwork but including class U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
	(a) 1 om work for concrete under substem 22.07 (a & c) above		2000		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes				
	(i) 600 mm	m	14		
22,14	Removing and disposing of existing pipes	m	14		
-,	realisting and disposing or onloning pipes			***************************************	
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				
		-			

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24,01 A (ε (t) (t) (t) (t) (ε (ε (t)	ASPHALT AND CONCRETE BERMS Asphalt berms: a) Placed where there are no guardrails (Cold premix) b) Placed at existing guardrails (Cold premix)	UNIT	QUANTITY	RATE	AMOUNT
4,01 A (ε (t) (t) 4,03 P (ε	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
,01 A (ε (t	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
(a (b 4,03 P (a	a) Placed where there are no guardrails (Cold premix)		1		
1,03 P					
4,03 P		m	220		
(8		m	220		
(8	Prime and tack coats:				
	a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	b) Tack coat	m²	92		
		1	1		1
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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
31,03	Finishing-off borrow areas	ha	0,3		
71,00	i misming on borrow dreas	TIQ.	0,0		

	FORWARD TO SUMMARY :				

TEF	CT NO SCMU10-24/25-0004 (A-F)		011111	F	
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
2,01	Providing a crushing and / or screening plant:				
	(a) Single-stage crusher	No	3		
2,02	Re-erecting the crushing and / or screening plant:				
	(a) Single-stage crusher	No	1		
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal axid rolling (Normal min of 4 noscoo)	m³	200		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	Ш	200		
2,06	Stockpiling of material (for use by department)	m³	500		
<u>-,∪∪</u>	otoonprining or material (for use by department)	1117	300		

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	CT NO SCMU10-24/25-0004 (A-F)		T	-	
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	MASS EARTHWORKS				
,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
	(a) Material in compacted layer thickness of 200mm and less :				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
,00	materials in :		-		
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained			****	
	from :				
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
40.00	Overhand on material harded in average of 4 Num (audinous averhand)		4000		•
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		
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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
D34.U1	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface) (b) 7m road width (riding surface)	km km	20		Rate Only
	(b) / Ill Toad width (hulling surface)	KIII	-		Nate Offis
B34.17	Special grading				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
D34.19	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		

B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation				
	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
DO 1.ZZ	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		
	Cravel shoulder reasis				
B34.23	Gravel shoulder repair (a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
DU7.24	(a) Remove material and load for spoil	km	88		
	(b) Remove material and dispose of adjacent to road	km	176		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
	1				
B34.26	Regravelling in short lengths up to 300m	m³	7500		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
 39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	(i) not exceeding somm	111	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate On
	(c) Crushed stone base course	m³	1320		
39.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m ³	396		
	(III Exceeding 10011	111	330		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
~~~~	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m ³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
	(· = according to				
B39.06	Tack coat (60% stable grade emulsion)	l	6160		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
200.00	T				
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using (a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m³	44		
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CADDIE	D FORWARD TO SUMMARY :				

	CT NO SCMU10-24/25-0004 (A-F)	ı			
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
***************************************					
00	PRIME COAT				
,01	Prime coat:				
,01	(a) RTH 3/12P or RTL 3/12P tar prime	I	10		
	(b) Quick drying RTH 1/4P tar prime	i	10		
	(c) MC-30 cut-back bitumen	l	1000		
	(d) MC-70 cut-back bitumen	I	10		
	(e) Invert bitumen emulsion	l	10		
	(f) MC - 30 SP	I	10		
			+		
			1		
			+		
		***************************************		***************************************	
			1		+

	CT NO SCMU10-24/25-0004 (A-F)		+		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
000	BITOWINGOOD SINGLE SEAL WITH SEGRET (OAI E SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen		-		Rate On
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate On
6,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
6,05	Variation in the rate of application of the slurry:	m³	-		Rate Or
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ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	TREATMENT OF AN EXISTING SURFACE	***************************************			
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
18 / 30 01	Sawing asphalt or cemented pavement layers for patching				
10 / 39.01	(a) Sawing asphalt to an average depth: (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
	(i) not exceeding 30 min		11000		
8/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		
***************************************					
8/B39.06	Tack Coat (60% spray grade emulsion)	I	3080		
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
348.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	ı	400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
8,06	Cleaning the cracks with compressed air	km	5		
8,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE REPAIRS - PO5				
	EDGE KEI AIKO - 1 00				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks ( avg depth = 80 mm )	m	4400		
348.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	<u> </u>	924		
	(c) Reconstructing edges using cold premix	t	95		
	SLURRY SEAL TREATMENT - PO6				
348.03	Slurry seal	1	25250		
	(a) Tack coat using 30% bitumen emulsion	l I	25256		
	(b) Slurry applied by hand (coarse grade slurry)  (i) Not exceeding 50m²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m²	8800		
	(iv Exceeding 150m²	m²	22000		
	( 2.000ding 100m	111			

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
4.04	Oleman Making				
1,01	Stone pitching (b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching (wax soonin wath)	m ²	100	***************************************	
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	FORWARD TO SUMMARY				

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
.,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Confess was resting for headding the making	2	100		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
2,04	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m³	50		
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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
4,03	Extra over items 54.01 for horizontally curved guardrails factory				
1,00	bent to a radius less than 45m	m	20		
4,04	End treatments:				
	(d) End treatments in accordance with the drawings where single guardrail sections are used	No	2		
54,05	Additional guardrail posts:	Na	20		
	(a) Timber	No	20		
4,06	Reflective plates				
***************************************	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
354.08	Renovating guardrail material:				
	(a) Straightening of Guardrails (rolling) (c) Cleaning and painting	m m	200		
	(c) Cleaning and painting		200		
4,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11	New material required for the re-erection of guardrails with				
	recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates	No	500		
	(e) Spacer blocks	No No	200		
	(f) Splice bolt complete with nut and washer	No	500		
	(g) Post bolt complete with nut and washer (h) Reinforcing plates	No No	500		
	(ii) Reinforcing plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
, 1, 10	Steel Sace Plates for times, guardian poots on or astaros				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
	I FORWARD TO SUMMARY	1			

	ACT NO SCMU10-24/25-0004 (A-F)	1			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(1), 2 - FF				
55.03	New gates				
.00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Fedestilali gales as pel diawings	INO	30		
	Diam antalling orieting forces				
55.05	Dismantelling existing fences:				
	(a) Fences:	Long			
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		
		1			
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TE	CT NO SCMU10-24/25-0004 (A-F)		0114317	B + T =	****
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
	-				
55.02	Supply and erect new fencing material for new fences and for supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist wire, 2.5mm diameter)	km	60		
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with		005		
	steel cap and 230 x 230 x 2 base plate fully galvanised.) - Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:	No	225		
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing) (iii Horizontal:	No	75		
***************************************	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
***************************************	(I) Sipping of the in your paint				
55.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
55.05	Dismantelling existing fences:				
	(a) Fences: (i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
	(b) Gales	140	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		

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TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	DOAD CIONO				
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1	***************************************			
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1 - R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:	No.	2		
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		
	- W108	No.	2		
	- W327	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				***************************************
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
	- W401	No.	30		
	- W402 (v) 450mm x 450mm Hazard Marker Signs	No.	30		
	- W405	No.	30		
	- W406	No.	30		
	W 100	140.			
6,03	Road sign supports:				
	(b) Timber				
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		

56.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
6,05	Excavation and backfilling for road sign supports:				
5,00	(a) Excavation for sign supports	m³	20		
	(a) Zzodradom or elgin cappone				
5,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	10		

CONTR	ACT NO SCMU10-24/25-0004 (A-F)				T
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
3700	NOAD MANNINGS				
57,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Only
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(b) Yellow lines		_		
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
257.00	Clauding or similar approved Dates reflective computitions read marking				Dete Oak
B57.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	-		Rate Onl
	compound				***************************************
57,04	Variations in rate of application:				
37,04	(a) White paint	1	_		Rate Onl
	(b) Yellow paint	<u> </u>	-		Rate Onl
	(d) Retro-reflective beads	+ ;	_		Rate Onl
	(e) "Glowline" compound	<u>'</u>	-		Rate Onl
	(e) Glowline compound		-		Nate Offi
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
37,03	Roadstads (Rillio Tellow/Red of Sillilai approved)	110	130		
57,06	Setting out and premarking the lines (excluding traffic island				
37,00	markings, lettering and symbols)	km	367		
	inakings, lettering and symbols)	KIII	307		
57,08	Removal of existing, temporary and permanent road markings by:				
37,00	(a) Sandblasting	m²	100		
	(a) Candulasting		100		
57,09	Removal of existing roadstuds	No	100		
0.,00	The state of state of the state	1	100		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
	<u> </u>				
_	D FORWARD TO SUMMARY		<u></u>		

TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
					7
	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
9.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees		1		
	c) 30 to 45 degrees	ha	1		
		~			

	CT NO SCMU10-24/25-0004 (A-F)	T			
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
1,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material irrespective of depth	m³	2		
	in copedate of depart				
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
	(d) Mass concrete (Class 15 MPa)	m³	5		
			-		
	FORWARD TO SUMMARY	•			

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EIWI INO	DESCRIPTION	ONII	QUANTITY	RAIE	AWOON
:00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
2,01	Formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		
	Vertical formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	to concrete linea causeways	- 111	330		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

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			1		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	CONCRETE FOR STRUCTURES				
4,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
64,04	Epoxy bonding of new concrete surfaces to old	m²	12		
64,06	Demolishing existing concrete:				
	(b) Reinforced concrete in (i) Causeways	m³	15		

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) FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAED				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

	ACT NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING				
91.01	Mowing the grass				
31.01	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide		5		
	strip on either side of the road)	KIII	3		
91.02	Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		
	(c) Signit thangle at intersections	111-	2000		

	i e		1		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
103.01	Contractor's mark-up for emergency maintenance	%	50000		

CONTRAC	T NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI NO	DESCRIPTION	UNII	QUANTITY	KAIE	AWOUNI
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		
			•		
	-				
ADDIED	FORWARD TO SUMMARY	L	I		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
40000		***************************************			
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
13002	Principal Contractor's initial obligations in respect of the OHS Act				
	and Construction Regulations	Lump sum	1		
13003	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004	Provision for Personal Protective Equipment & Protective Clothin	<u> </u>			
10004	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats	No	20		
	(iv) Protective foot wear	No	20		
	(v) Earplugs (vi) Dust masks	No No	20		
	(1) Just made				
13005	Provision of full time Construction Health and Safety Officer	Month	36		
313006	Costs of medical certificates and Medical Surveillance				
10000	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
13007	muucuon rranning	140	20		-
13008	Environmental Monitoring	No tests	1		
13009	Noise Monitoring	No	1		
			-		
313010	Payment for Health & Safety representatives at meetings	Lump sum	1		
13011	Provision of First Aid boxes	Lump sum	3		
13012	Transportation of Workers	Month	36		
10012	Transportation of Horizon	William	-		
13013	Submission of the Health and Safety File	Lump sum	1		

CONTRAC	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
II LIWI NO	DESCRIPTION	ONT	QUANTITI	NAIL	AWOON
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
	THE MANAGEMENT WITHAMNING OF EGGAL EADOUR				
315007	Training of Local Labour				
B15007.1	Conducting of skills audit of Local Labour and the development of a	Prov Sum	1	10 000,00	10 000,0
	Training Plan		•••••••••••••••••••••••••••••••		
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,0
315007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
315007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0
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CARRIED	FORWARD TO SUMMARY:	-			

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

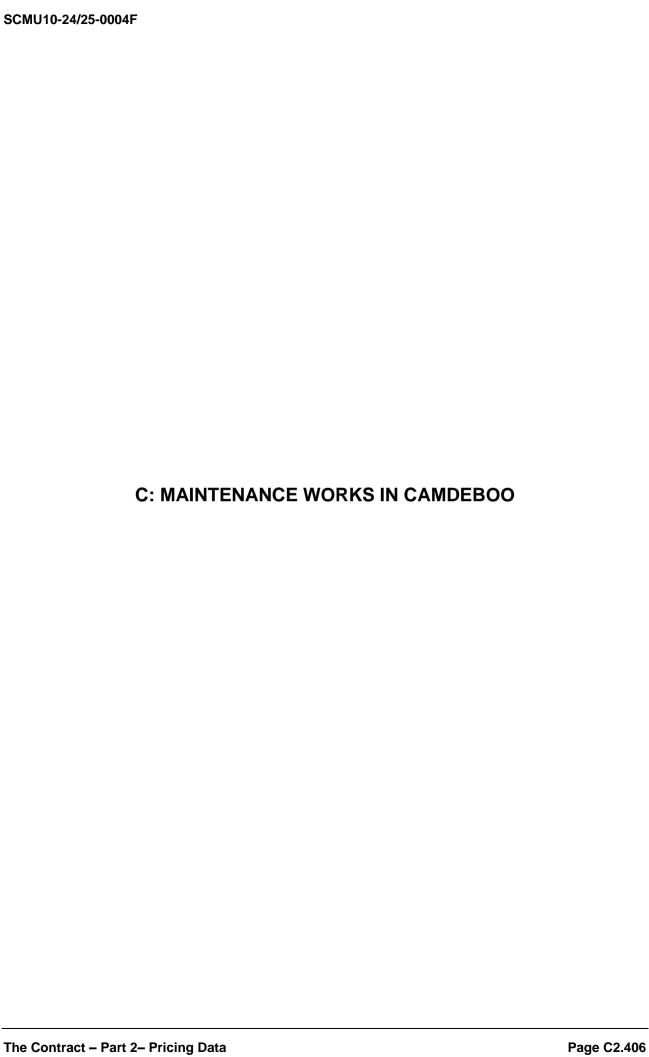
TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN BLUE CRANE

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	R

Section 9100	Controlling Vegetation Growth - Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES F	R

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.



	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMEDAL DECLUDEMENTS AND DROVIGIONS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1		
	Monthly transport allowance for CLO for duration of Contract Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		

ARRIE	FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(c) Time-related obligations for works assignments ranging between: (i) R0 - R2.0 mil	Month	3		
	(i) R2.0 - R2.0 mil	Month	3		
	(iii) R4.0mil - R6.0 mil	Month	12		
	(iv) Greater than R6.0 mil	Month	12		

	PEORWARD TO SUMMARY				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EW NO	DESCRIPTION	UNII	QUANTITY	KAIE	AMOUNT
'00	CLEARING AND GRUBBING				
	SEE/MAING 7/MB GROBBING				
17.01	Clearing and grubbing	ha	66		
47.00	Description of the section of the se				
17.02	Removal and grubbing of large trees and tree stumps: (a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 1m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
		_			
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
17.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
17.08	Removal of undesirable vegetation	m²	66000		
17.09	Shredding of vegetation cuttings in situ	m³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
	overhaul)	m³-km	660		
17.10	Clearing and grubbing narrow strips	m²	100		
17.10	Cooking and grassing marrow carps		100		

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ITEM NO	CT NO SCMU10-24/25-0004 (A-F)				
140	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
10.02	Penlasing of demagned facilities				
18.02	Replacing of damaged facilities (a) Litter containers	No	9		
	(b) Tables		35		
		No			
	(c) Benches	No	9		
18.03	Treatment of existing concrete rest area furniture				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
18.04	Treatment of existing concrete bridge balustrades				
	(a) Balustrades	m²	810		
40.05	Cleaning of Boot Asses well				
18.05	Cleaning of Rest Areas as well as removal of litter (a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		

			1		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1900	DAYWORKS (PROVISIONAL)				
19.01	Personnel during normal working hours				
19.01	reisonnei during normal working nours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		-
	(d) Ganger	hr	10		
	(e) Flagman	hr	20		
19.02	Plant				
10.02	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)	hr	9		
	(j) Dozer (D7 or similar))	hr	9		
	(k) Mechanical broom	hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size	hr	9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size) (w) Other Specify	km hr	500		
	(w) Other Specify	111			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		

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			1		
			1		

	CT NO SCMU10-24/25-0004 (A-F)	_			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2100	DRAINS				
321.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
21,15	Overhaul for material hauled in excess of 1,0km free-haul	m³-km	432		
	(normal overhaul)				
21,16	Backfilling existing eroded side drains	m³	200		
21,17	Test flushing of pipe subsoil drains	No	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains	-	400	***************************************	
	(i) 0m up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
			4=0		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved sources on site	m³	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
DZ 1.00	(a) Perforated pitchfibre pipe (150mm)		500		
	(b) Non perforated pitchfibre pipe (150mm)	m m	500		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
	(a) Outlet structures	No	10		
			-		

	CT NO SCMU10-24/25-0004 (A-F)	LINUT	OHANTITY	DATE	AMOUNT
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges				
***************************************	below the level surface level	2	00		
	(i) Om up to 1,5m	m³ m³	30 10		
	(ii) Exceeding 1,5m and up to 3,0m (b) Extra over subitem 22.01(a) for excavation in hard material,	IIP	10		
	irrespective of depth	m³	5		
	inespective of depth				
2,02	Backfilling				
	(a) Using the excavated material	m³	30		
	(b) Using imported selected material	m³	10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
2,03	Concrete pipe culvert				
	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
2.05	Portal and regtongular authorts				
22,05	Portal and rectangular culverts (a) complete with prefabricated floor slab				
	(i) 1200x1200 class 150S or equivalent	m	100		
***************************************	(ii) 1500x1500 class 150S or equivalent	m	100		
	(iii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2				
***************************************	surface finish (Class 30/19mm Concrete)	m³	300,00		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes,			***	
	thrust and anchor blocks, excluding formwork but including class	_			
	U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
22,10	Steel reinforcement				
22,10	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
	(o) Worden moon	9	00.10		
22,13	Removing and re-laying existing pipes				
	(i) 600 mm	m	14		

22,14	Removing and disposing of existing pipes	m	14		
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				

					1

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	ASPHALT AND CONCRETE BERMS				
1,01	Asphalt berms:				
	(a) Placed where there are no guardrails (Cold premix)	m	220		
	(b) Placed at existing guardrails (Cold premix)	m	220		
1,03	Prime and tack coats:				
+,03	(a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	(b) Tack coat	m²	92		
ARRIFD	FORWARD TO SUMMARY ·				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
1,03	Finishing-off borrow areas	ha	0,3		
	FORWARD TO SUMMARY :				

	CT NO SCMU10-24/25-0004 (A-F)		011	F	
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
2,01	Providing a crushing and / or screening plant:				
_,01	(a) Single-stage crusher	No	3		
	(a) Single-stage crusilei	INU	3		
2.02	Re-erecting the crushing and / or screening plant:				
2,02					
	(a) Single-stage crusher	No	1		
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	m³	200		
2,06	Stockpiling of material (for use by department)	m³	500		
			+		
			-		
			1		

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	T NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	MASS EARTHWORKS				
,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
	(a) Material in compacted layer thickness of 200mm and less:				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
	from :				
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		

ADDIED	FORWARD TO SUMMARY :				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to	-			
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
D34.14	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
B34.16	Accessibility grading				
D34.10	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
		•			
B34.17	Special grading	_			
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
D04.10	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation				
D04.21	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		
B34.23	Gravel shoulder repair				
207.23	(a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
D04.04	Democrat of odge build up				
B34.24	Removal of edge build-up	k~	00		
	(a) Remove material and load for spoil (b) Remove material and dispose of adjacent to road	km km	176		
0440					
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
B34.26	Regravelling in short lengths up to 300m	m³	7500		
	T. Control of the Con	1	1 1		

ITEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	(i) not exceeding domin	- 111	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate On
	(c) Crushed stone base course	m³	1320		
339.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m ³	396		
	(iii Exceeding 100111		330		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
~~~~	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	198		
	(iii Exceeding 100m ²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
***************************************	(iv Exceeding 150m²	m³	80		
	,				
B39.06	Tack coat (60% stable grade emulsion)	<u> </u>	6160		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
20.00	Temperary nothele repair (Net exceeding 4000 + 4000 )				
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using (a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m ³	44		
		***************************************			
	1		1		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PRIME COAT				
,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	I	10		
	(b) Quick drying RTH 1/4P tar prime	1	10		
	(c) MC-30 cut-back bitumen	i l	1000		
	(d) MC-70 cut-back bitumen	i	10		
	(e) Invert bitumen emulsion	i	10		
	(f) MC - 30 SP	I	10		
		-			
A D D I E D	FORWARD TO SUMMARY				

	CT NO SCMU10-24/25-0004 (A-F)				T
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)	***************************************			
000	BITOMINIOGO GINGLE GEAL WITH GEGINN (GAI E GEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen	<u> </u>	-		Rate Onl
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate Onl
16,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate Onl
16,05	Variation in the rate of application of the slurry:	m³	-		Rate Onl
	FORWARD TO SUMMARY ·				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	TREATMENT OF AN EXISTING SURFACE				
	EXHIBITING CERTAIN DEFECTS				
***************************************	POTHOLE REPAIR - P01				
18 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth : (provisional sum)		44000		
	(i) not exceeding 50 mm	m	11000		
18/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		
l8/B39 06	Tack Coat (60% spray grade emulsion)	ı	3080		
.0,200.00	Tuest Court (Corresponding State Commission)				•
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
***************************************	The second of th				
348.04	Screed of asphalt or coarse slurry :		400		
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	<u> </u>	400		
	(b) Continuously - graded medium mixture asphalt (c) Coarse grade slurry	t m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	(d) only out occining you min strip				
	CRACK SEALING - PO4				
10.00	Cleaning the speaks with company dis	Luna	F		
18,06	Cleaning the cracks with compressed air	km	5		
18,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l l	500		
348.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m ²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE REPAIRS - PO5				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks ( avg depth = 80 mm )	m	4400		
348.05	Repairing edge breaks in surfacing				
740.00	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water		924		
	(c) Reconstructing edges using cold premix	t	95		
	OLUBBY OF ALTERIATIVE TO CO.				
	SLURRY SEAL TREATMENT - PO6				
348.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion	<u> </u>	25256		
	(b) Slurry applied by hand (coarse grade slurry)	-			
	(i) Not exceeding 50m²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m² m²	8800		
	(iv Exceeding 150m²	m²	22000		+
		***************************************			

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
1 04	Chang withhim				
1,01	Stone pitching (b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		
		***************************************			
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٨٥٥١٢٥	FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
2,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Surface preparation for bedding the gabions	m²	100		
	Gabions (a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(7 2 7 1,5 11 25 12 12 12 12 12 12 12 12 12 12 12 12 12				
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m ³	50		
***************************************					
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ARRIED	FORWARD TO SUMMARY		<u> </u>	· <del></del>	

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
4,03	Extra over items 54.01 for horizontally curved guardrails factory				
1,00	bent to a radius less than 45m	m	20		
4,04	End treatments:				
	(d) End treatments in accordance with the drawings where single guardrail sections are used	No	2		
54,05	Additional guardrail posts:	Na	20		
	(a) Timber	No	20		
4,06	Reflective plates				
***************************************	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
354.08	Renovating guardrail material:				
	(a) Straightening of Guardrails (rolling) (c) Cleaning and painting	m m			
	(c) Cleaning and painting		200		
4,09	Re-erection of guardrails with recovered and / or new material:			20 20 20 100 100	
	(a) Single guardrail	m	200		
54 11	New material required for the re-erection of guardrails with				
54,11	recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates	No			
	(e) Spacer blocks	No No			
	(f) Splice bolt complete with nut and washer	No			
	(g) Post bolt complete with nut and washer (h) Reinforcing plates	No No			
	(ii) Reinforcing plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
, 1, 10	Steel Sace Plates for times, guardian poots on or astaros				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
	I FORWARD TO SUMMARY	1			

	CT NO SCMU10-24/25-0004 (A-F)	1			T.
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
355.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter) (b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:	110	1000		
	(i) Vertical:				
	À				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		-
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing ) (iii Horizontal:	No	75		
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(u) - Dipping of this in your paint				
355.03	New gates				
,00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	INO	30		
55.05	Dismantelling existing fences:				
	(a) Fences:				
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
	(b) Gales	140	70		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	lem	0		
555.10	Trimming the rence line, 2m wide Strip	km	8		

	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing )	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontalling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
			-		
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ГЕМ NC	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	ROAD SIGNS				
6.01	Road sign boards complete with supports with Class 1				
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
-	signboard is constructed from :				
	(a) Promited and initial district (4.0 mm) share and the many				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1	No.	1		
	- R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:				
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		-
	- W108	No.	2		
	- W327	No.	2		
	- W350 (iii) 900mm Triangular Combination signs	No.	2		
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs	7.3.	·		
	- W401	No.	30		-
	- W402	No.	30		
	(v) 450mm x 450mm Hazard Marker Signs				
	- W405	No.	30		
	- W406	No.	30		
,03	Road sign supports:				
	(b) Timber		100		
	(i) 75mm diameter (ii) 100mm diameter	m m	100		
	( ii ) Tootiiii diametei	- '''	100		
6.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
5,05	Excavation and backfilling for road sign supports:				
	(a) Excavation for sign supports	m ³	20		
,06	Extra over item 56.05 for cement treated backfill:				
,00	(a) With soilcrete	m³	10		
	(a) With sometice	- '''	10		
					-
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CONTR	ACT NO SCMU10-24/25-0004 (A-F)				T
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
3700	NOAD MANNINGS				
57,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Only
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(b) Yellow lines		_		
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
257.00	Clauding   or similar approved Dates reflective computitions read marking				Dete Oak
B57.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	-		Rate Onl
	compound			***************************************	***************************************
57,04	Variations in rate of application:				
37,04	(a) White paint	1	_		Rate Onl
	(b) Yellow paint	<u> </u>	-		Rate Onl
	(d) Retro-reflective beads	+ ;	_		Rate Onl
	(e) "Glowline" compound	<u>'</u>	-		Rate Onl
	(e) Glowline compound		-		Nate Offi
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
37,03	Roadstads (Rillio Tellow/Red of Sillilai approved)	110	130		
57,06	Setting out and premarking the lines (excluding traffic island				
37,00	markings, lettering and symbols)	km	367		
	inakings, lettering and symbols)	KIII	307		
57,08	Removal of existing, temporary and permanent road markings by:				
37,00	(a) Sandblasting	m²	100		
	(a) Candulasting		100		
57,09	Removal of existing roadstuds	No	100		
0.,00	The state of state of the state	1	100		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
	<u> </u>				
_	D FORWARD TO SUMMARY		<u></u>		

	CT NO SCMU10-24/25-0004 (A-F)				
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
59.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		<u> </u>
	c) 30 to 45 degrees	ha	1		
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T	ACT NO SCMU10-24/25-0004 (A-F)	LINIT CHANTITY		DATE	AMOUNT
EM NC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material	2	0		
	irrespective of depth	m³	2		
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
1,00	(d) Mass concrete (Class 15 MPa)	m³	5		
	(u) Wass concrete (class 15 Wil a)	111	3		
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TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EIWI INO	DESCRIPTION	ONII	QUANTITY	RAIE	AWOON
:00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
2,01	Formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		
	Vertical formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	to concrete linea causeways	- 111	330		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		
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CARRIFE	D FORWARD TO SUMMARY				

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2-23 113	01			
100	CONCRETE FOR STRUCTURES				
1,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
4,04	Epoxy bonding of new concrete surfaces to old	m²	12		
4,06	Demolishing existing concrete:				
4,00	(b) Reinforced concrete in				
	(i) Causeways	m³	15		
			•		
***************************************					
ADDIE	D FORWARD TO SUMMARY	•			

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAES				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
IVI IVO	DESCRIPTION	J. 1111	SOAHIII (	MAIE	AMOUNT
100	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING	***************************************			
91.01	Mowing the grass				
	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide	km	5		
	strip on either side of the road)				
391.02	Cutting of designated areas				
	(a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		
		***************************************			
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·APPIER	D FORWARD TO SUMMARY :				

ITEM NO	T NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
3103.01	Contractor's mark-up for emergency maintenance	%	50000		

CONTRAC	T NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI NO	DESCRIPTION	UNII	QUANTITY	KAIE	AWOUNI
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		
			•		
	-				
ADDIED	FORWARD TO SUMMARY	L	I		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
40000		***************************************			
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
13002	Principal Contractor's initial obligations in respect of the OHS Act				
	and Construction Regulations	Lump sum	1		
13003	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004	Provision for Personal Protective Equipment & Protective Clothin	<u> </u>			
310004	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats	No	20		
	(iv) Protective foot wear	No	20		
	(v) Earplugs (vi) Dust masks	No No	20		
	(1) Just made				
13005	Provision of full time Construction Health and Safety Officer	Month	36		
13006	Costs of medical certificates and Medical Surveillance				
10000	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
13007	muucuon rranning	140	20		-
13008	Environmental Monitoring	No tests	1		
13009	Noise Monitoring	No	1		
			-		
313010	Payment for Health & Safety representatives at meetings	Lump sum	1		
13011	Provision of First Aid boxes	Lump sum	3		
13012	Transportation of Workers	Month	36		
10012	Transportation of Horizon	William	-		
13013	Submission of the Health and Safety File	Lump sum	1		

CONTRAC	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
ITEWINO	DESCRIPTION	UNII	QUANTITY	KAIE	AMOUNT
15000	ME MANACEMENT & TRAINING OF LOCAL LAROUR				
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
B15007	<u>Training of Local Labour</u>				
B15007.1	Conducting of skills audit of Local Labour and the development of a	Prov Sum	1	10 000,00	10 000,0
	Training Plan				
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
B15007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,0
B15007.3	Mark Up for Management of ME's	%	13 500 000,00		
B15007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
315007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0
	FORWARD TO SUMMARY :				

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN CAMDEBOO

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	

Section 9100	Controlling Vegetation Growth - Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES F	R

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.

The Contract – Part 2–	Pricing Data	Page C2.443
	D: MAINTENANCE WORKS IN IKWEZI	
SCMU10-24/25-0004F		

	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMERAL REQUIREMENTS AND REQUIREMENTS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1 1		
	Monthly transport allowance for CLO for duration of Contract Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		

ARRIE	FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(c) Time-related obligations for works assignments ranging between: (i) R0 - R2.0 mil	Month	3		
	(i) R2.0 - R2.0 mil	Month	3		
	(iii) R4.0mil - R6.0 mil	Month	12		
	(iv) Greater than R6.0 mil	Month	12		

	PEORWARD TO SUMMARY				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1700	CLEARING AND GRUBBING				
317.01	Clearing and grubbing	ha	66		
317.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m (b) Girth exceeding 1m up to and including 2m	No	50 220		
	(c) Girth exceeding 1m up to and including 2m (c) Girth exceeding 2m up to and including 3m	No No	44		
	(o) Commonwealing and up to und more unity on				
17,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
317.05	Cleaning out of hydraulic structures				
317.00	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
317.08	Removal of undesirable vegetation	m²	66000		
317.00	Removal of undestrable vegetation	111-	00000		
317.09	Shredding of vegetation cuttings in situ	m³	66,0		
17/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
17/10.02	overhaul)	m³-km	660		
317.10	Clearing and grubbing narrow strips	m²	100		
					1

JUNIKAL	T NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
18.02	Replacing of damaged facilities				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
	Treatment of existing concrete rest area furniture				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
18.04	Treatment of existing concrete bridge balustrades				
	(a) Balustrades	m²	810		
18.05	Cleaning of Rest Areas as well as removal of litter				
	(a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		
	,,,				
	-				
		i			1

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1900	DAYWORKS (PROVISIONAL)				
19.01	Personnel during normal working hours				
	() 11 17 11 1		40		
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger (e) Flagman	hr hr	10 20		
	(e) Fragman	111	20		
19.02	Plant				
19.02	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		***************************************
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)		9		
		hr br	9		
	(j) Dozer (D7 or similar)) (k) Mechanical broom	hr br	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
***************************************		hr hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr 			
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size		9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		

	CT NO SCMU10-24/25-0004 (A-F)	_			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2100	DRAINS				
321.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
21,15	Overhaul for material hauled in excess of 1,0km free-haul	m³-km	432		
	(normal overhaul)				
21,16	Backfilling existing eroded side drains	m³	200		
21,17	Test flushing of pipe subsoil drains	No	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains	-	400	***************************************	
	(i) 0m up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
			4=0		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved sources on site	m³	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
DZ 1.00	(a) Perforated pitchfibre pipe (150mm)		500		
	(b) Non perforated pitchfibre pipe (150mm)	m m	500		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
	(a) Outlet structures	No	10		
			-		

CONTRA ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
. LIVI NO	DESCRIPTION	ONLI	QUANTIT	KAIE	AWOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges below the level surface level				
	(i) Om up to 1,5m	m³	30		
	(ii) Exceeding 1,5m and up to 3,0m	m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
2,02	Backfilling				
	(a) Using the excavated material (b) Using imported selected material	m³ m³	30 10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
	(a) 2244 and cashem 22102(a) and (b) 101 con combine sacriming				
2,03	Concrete pipe culvert				
	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
2,05	Portal and rectangular culverte	-			
۷,00	Portal and rectangular culverts (a) complete with prefabricated floor slab	+			
	(i) 1200x1200 class 150S or equivalent	m	100		
	(ii) 1500x1500 class 150S or equivalent	m	100	***************************************	
	(iii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2	3	200.00		
	surface finish (Class 30/19mm Concrete) (c) In inlet and outlet structures, skewed ends, catchpits, manholes,	m³	300,00		
	thrust and anchor blocks, excluding formwork but including class				
	U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes		***		
.2,10	(i) 600 mm	m	14		
	M. A.				
2,14	Removing and disposing of existing pipes	m	14		
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km	-			

	I .	-			
			+		

24,01 A (ε (t) (t) (t) (t) (ε (ε (t)	ASPHALT AND CONCRETE BERMS Asphalt berms: a) Placed where there are no guardrails (Cold premix) b) Placed at existing guardrails (Cold premix)	UNIT	QUANTITY	RATE	AMOUNT
4,01 A (ε (t) (t) 4,03 P (ε	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
,01 A (ε (t	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
(a (b 4,03 P (a	a) Placed where there are no guardrails (Cold premix)		1		
1,03 P					
4,03 P		m	220		
(8		m	220		
(8	Prime and tack coats:				
	a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	b) Tack coat	m²	92		
		1	1		1
ARRIED FO					

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
31,03	Finishing-off borrow areas	ha	0,3		
71,00	i misming on borrow dreas	TIQ.	0,0		
	FORWARD TO SUMMARY :				

TEF	CT NO SCMU10-24/25-0004 (A-F)		011111	F	
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
2,01	Providing a crushing and / or screening plant:				
	(a) Single-stage crusher	No	3		
2,02	Re-erecting the crushing and / or screening plant:				
	(a) Single-stage crusher	No	1		
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal axid rolling (Normal min of 4 noscoo)	m³	200		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	Ш	200		
2,06	Stockpiling of material (for use by department)	m³	500		
<u>-,∪∪</u>	otoonprining or material (for use by department)	1117	300		

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	CT NO SCMU10-24/25-0004 (A-F)				1
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	MASS EARTHWORKS				
,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
,	(a) Material in compacted layer thickness of 200mm and less :				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
	from :				***************************************
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		

	<u> </u>	1			-

	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
01,02	(a) Intermediate material	m³	500		
04.07	For the state of t	3	50		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
B34.17	Special grading				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping (a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
	(b) Fill toad width (hallig surface)	KIII	3		
B34.19	Heavy Maintenance				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation (a) 6m road width	lean	1		
	(b) 7m road width	km km	1		
	(b) Fill Toda width	KIII			
B34.22	Heavy Road Bed Preparation				
	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
	(a) Remove material and load for spoil (b) Remove material and dispose of adjacent to road	km km	176		
	(b) Tremove material and dispose of adjacent to road	km	170		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
	Barrara Warning about Land 1		7500		
	Regravelling in short lengths up to 300m	m³	7500		
B34.26	gradus approximation of the state of the sta				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
 39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	(i) not exceeding somm	111	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate On
	(c) Crushed stone base course	m³	1320		
339.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m³	396		
	(III Exceeding 10011	111	330		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
~~~~	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m ³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
	(· = according to the control of the				
B39.06	Tack coat (60% stable grade emulsion)	l	6160		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
200.00	T				
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using (a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m³	44		
			***************************************		
CADDIE	D FORWARD TO SUMMARY :				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI IVO	DESCRIPTION	ONIT	QUARTITI	NAIL	AWOON
100	PRIME COAT				
100	FRIME COAT				
1,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	I	10		
	(b) Quick drying RTH 1/4P tar prime		10		
	(c) MC-30 cut-back bitumen		1000		
	(d) MC-70 cut-back bitumen	1	10		
	(e) Invert bitumen emulsion	I	10		
	(f) MC - 30 SP	I	10		
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	CT NO SCMU10-24/25-0004 (A-F)		+		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
000	BITOWINGOOD SINGLE SEAL WITH SEGRET (OAI E SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen		-		Rate On
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate On
6,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
6,05	Variation in the rate of application of the slurry:	m³	-		Rate Or
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	CT NO SCMU10-24/25-0004 (A-F)	11507	OHANTITY	DATE	ANGUNT
ГЕМ НО	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	TREATMENT OF AN EXISTING SURFACE				
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
8 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth : (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
2/00 00					
8/39.02	Excavation in existing pavements for patching in (c) Bituminous seal layers	m³	154		
8/B39.06	Tack Coat (60% spray grade emulsion)	<u>l</u>	3080		***************************************
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
48.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water		400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
8,06	Cleaning the cracks with compressed air	km	5		
8,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage  (a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile		100		
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m² (iv Exceeding 150m²	m² m²	300 400		***************************************
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
348.15	Crack sealing using Method 1 (sealant and crusher dust)	l	500		
	EDGE REPAIRS - PO5				
8/39.05	Cutting back the edges of the existing surface for repairing of		4400		
	edge breaks ( avg depth = 80 mm )	m	4400		
48.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	I	924		
	(c) Reconstructing edges using cold premix	t	95		
	SLURRY SEAL TREATMENT - PO6				
	Santa Interniment - 1 00				
48.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion (b) Slurry applied by hand (coarse grade slurry)	I	25256		
	(i) Not exceeding 50m ²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²				
		m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m²	8800		
	(iv Exceeding 150m²	m²	22000		

	T NO SCMU10-24/25-0004 (A-F)				1
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
	THE STATE OF THE PROPERTY OF T				
1,01	Stone pitching				
	(b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		
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	FORWARD TO SUMMARY				1

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
.,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Conference was resident for boalding the making	2	100		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
2,04	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m³	50		
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CONTRA	CT NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
54,03	Extra over items 54.01 for horizontally curved guardrails factory				
74,03	bent to a radius less than 45m	m	20		
54,04	End treatments: (d) End treatments in accordance with the drawings where single guardrail				
	sections are used	No	2		
-4.05	Additional				
54,05	Additional guardrail posts: (a) Timber	No	20		
54,06	Reflective plates	No	100		
	(a) Red and white reflectors on new guardrails (b) Red and white reflectors on existing guardrails	No No	100		
54,07	Removing existing guardrails	m	750		
B54.08	Renovating guardrail material:				
*****************************	(a) Straightening of Guardrails (rolling)	m	200		
	(c) Cleaning and painting	m	200		
54,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11	New material required for the re-erection of guardrails with				
	recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates (e) Spacer blocks	No No	500 200		
	(f) Splice bolt complete with nut and washer	No	500		
	(g) Post bolt complete with nut and washer	No	500		
	(h) Reinforcing plates	No	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
	-				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
	FORWARD TO SUMMARY				

	ACT NO SCMU10-24/25-0004 (A-F)	1			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(1), 2 - FF				
55.03	New gates				
.00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Fedestilali gales as pel diawings	INO	30		
	Diam antalling orieting forces				
55.05	Dismantelling existing fences:				
	(a) Fences:	Long			
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		
		1			
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	ACT NO SCMU10-24/25-0004 (A-F)	1			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(1), 2 - FF				
55.03	New gates				
.00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Fedestilali gales as pel diawings	INO	30		
	Diam antalling orieting forces				
55.05	Dismantelling existing fences:				
	(a) Fences:	Long			
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		
		1			
			L		

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	DOAD CIONO				
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1	***************************************			
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1 - R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:	No.	2		
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		
	- W108	No.	2		
	- W327	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				***************************************
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
	- W401	No.	30		
	- W402 (v) 450mm x 450mm Hazard Marker Signs	No.	30		
	- W405	No.	30		
	- W406	No.	30		
	W 100	140.			
6,03	Road sign supports:				
	(b) Timber				
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		

56.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
6,05	Excavation and backfilling for road sign supports:				
5,00	(a) Excavation for sign supports	m³	20		
	(a) Zzodradom or elgin cappone				
5,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	10		

	CT NO SCMU10-24/25-0004 (A-F)		0114:		,
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
700	ROAD MARKINGS				
57,02	Retro-reflective road-marking paint:				
07,02	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Only
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
*************	similar approved	km	-		Rate Onl
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
	(o) Follow Stroming and o) masses				
357.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	_		Rate Onl
	compound				
7,04	Variations in rate of application:				
.,	(a) White paint	1	_		Rate Onl
	(b) Yellow paint	l i	-		Rate Only
	(d) Retro-reflective beads	T i	-		Rate Onl
	(e) "Glowline" compound	i	-		Rate Onl
	(c) Clowing Compound				rate on
7,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
.,		1			
57,06	Setting out and premarking the lines (excluding traffic island				
	markings, lettering and symbols)	km	367		
	manual go, roccorning and oymbolo)	- 1111	1 007		
57,08	Removal of existing, temporary and permanent road markings by:				
	(a) Sandblasting	m²	100		
	(a) Canabiasang		100		
57,09	Removal of existing roadstuds	No	100		
,,,,,,,	Total of Oxiding Foundation	1	100		
357.09	Supply and lay "Vuka" bumps (or similar approved) as per	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
	<u>.</u>				

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	LINIT	QUANTITY	RATE	AMOUNT
	DEGGKI TION	5.411	20/111111		AMOUNT
00	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
					·
9.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees	ha	1		
	1				A contract of the contract of

T	ACT NO SCMU10-24/25-0004 (A-F)		011451777	D.4.T.	4146
EM NC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material	2	0		
	irrespective of depth	m³	2		
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
1,00	(d) Mass concrete (Class 15 MPa)	m³	5		
	(u) Wass concrete (class 15 Wil a)	111	3		
			-		
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	ACT NO SCMU10-24/25-0004 (A-F)				
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
,01	Formwork to provide class E2 curfose finish				
2,01	Formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	•				
2,02	Vertical formwork to provide class F2 surface finish	***************************************			
	to concrete lined causeways	m²	350		
			***************************************		
		***************************************			
				-	
	D FORWARD TO SUMMARY				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		
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CARRIFE	D FORWARD TO SUMMARY				

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2-23 113	01			
100	CONCRETE FOR STRUCTURES				
1,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
4,04	Epoxy bonding of new concrete surfaces to old	m²	12		
4,06	Demolishing existing concrete:				
4,00	(b) Reinforced concrete in				
	(i) Causeways	m³	15		
			•		
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ADDIE	D FORWARD TO SUMMARY	•			

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAES				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	rianaming costs and profit in respect of 01.02	70	40000,00		

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
IVI IVO	DESCRIPTION	J. 1111	SOAHIII (	MAIE	AMOUNT
100	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING	***************************************			
91.01	Mowing the grass				
	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide	km	5		
	strip on either side of the road)				
391.02	Cutting of designated areas				
	(a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		
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·APPIER	D FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
103.01	Contractor's mark-up for emergency maintenance	%	50000		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		

			1		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
40000		***************************************			
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
13002	Principal Contractor's initial obligations in respect of the OHS Act				
	and Construction Regulations	Lump sum	1		
13003	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004	Provision for Personal Protective Equipment & Protective Clothin	<u> </u>			
10004	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats	No	20		
	(iv) Protective foot wear	No	20		
	(v) Earplugs (vi) Dust masks	No No	20		
	(1) Just made				
13005	Provision of full time Construction Health and Safety Officer	Month	36		
13006	Costs of medical certificates and Medical Surveillance				
10000	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
13007	muucuon rranning	140	20		-
13008	Environmental Monitoring	No tests	1		
13009	Noise Monitoring	No	1		
			-		
313010	Payment for Health & Safety representatives at meetings	Lump sum	1		
13011	Provision of First Aid boxes	Lump sum	3		
13012	Transportation of Workers	Month	36		
10012	Transportation of Horizon	William	-		
13013	Submission of the Health and Safety File	Lump sum	1		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
315007	<u>Training of Local Labour</u>				
B15007.1	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,00
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,00
315007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
315007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0
ADDIED	FORWARD TO SUMMARY :	1			

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN IKWEZI

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	R

Section 9100	Controlling Vegetation Growth – Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES F	₹

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.

SCMU10-24/25-0004F	
D: MAINTENANCE WORKS IN KOUGA AND KOUKAN	18 <i>4</i> A
D. MAINTENANCE WORKS IN KOUGA AND KOUKAW	IIVIA
The Contract Book 2 Briding Date	Dama C2 400

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EW NC	DESCRIPTION	UNII	QUANTITY	KAIE	AMOUNT
200	GENERAL REQUIREMENTS AND PROVISIONS				
12.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1		
	(b) Monthly transport allowance for CLO for duration of Contract	Prov. Sum	1		
	(c) Remuneration of PSC representatives from the community to attend	Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
12.07	Provision of hire of Plant by the Contractor for the Department for	Prov. Sum	1		
	emergency work outside of the LMA		•		
12.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
12.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
12.11	Provision of Contract Management to Household Contractors	Month	36		
,12.11	within the LMA	World	30		
312.12	Installation of Contract Name Boards	No.	5		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil (iii) R4.0mil - R6.0 mil	%	R 6 000 000 R 11 000 000		
	(iii) R4.0mii - R6.0 mii (iv) Greater than R6.0 mii	%	R 14 000 000		
	(r)				
	(c) Time-related obligations for works assignments ranging between: (i) R0 - R2.0 mil	Month	3		
	(ii) R2.0 - R4.0 mil	Month	3		
	(iii) R4.0mil - R6.0 mil	Month	12		
	(iv) Greater than R6.0 mil	Month	12		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LINING	BESCHI HON	ONT	QOANTITI	NAIL	AMOUNT
700	CLEARING AND GRUBBING				
17.01	Clearing and grubbing	ha	66		
17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
317.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
317.08	Removal of undesirable vegetation	m²	66000		
47.00			00.0		
317.09	Shredding of vegetation cuttings in situ	m³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
	overhaul)	m³-km	660		
317.10	Clearing and grubbing narrow strips	m²	100		

	1				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	KIII	1020		
	Replacing of damaged facilities				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.03	Treatment of existing concrete rest area furniture				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.04	Treatment of existing concrete bridge balustrades				
	(a) Balustrades	m²	810		
	Cleaning of Rest Areas as well as removal of litter (a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		
	(c) 1 utiles than 130 km non-main site camp	NO	3		

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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
24000	DAVIMODICO (DDOMICIONAL)				
1900	DAYWORKS (PROVISIONAL)				
19.01	Personnel during normal working hours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger	hr	10		
	(e) Flagman	hr	20		
40.00	Disci				
19.02	Plant	hr	0		
	(a) Flat bed truck (specify size)	hr	9 150		
	(b) Tipper Trucks - 3 to 5 ton capacity (c) Tipper Trucks - more than 5 ton	hr hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)	hr	9		
	(j) Dozer (D7 or similar))	hr	9		
	(k) Mechanical broom	hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size		9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		

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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2100	DRAINS				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,		_		
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
21,15	Overhaul for material hauled in excess of 1,0km free-haul	m³-km	432		
	(normal overhaul)				
04.40	Destablish a saidting and design	2	200		
21,16	Backfilling existing eroded side drains	m³	200		
21,17	Test flushing of pipe subsoil drains	No	2		
D04.40					
B21.18	Clearing of concrete drainage channels (a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges	111	0000		
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
DE 1.E1	Exposing or existing subbon drume				
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains				
DZ 1.03	(i) Om up to 1.5m	m³	100		
	(i) on up to nom		100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
		_			
B21.06	Natural permeable backfill (19mm Crushed stone) from approved sources on site	m³	150		
	Sources on site				
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
	(a) Perforated pitchfibre pipe (150mm)	<u>m</u>	500		
	(b) Non perforated pitchfibre pipe (150mm)	m	500		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
	(a) Outlet structures	No	10		
					<u> </u>

CARRIED	FORWARD TO SUMMARY				

CONTRA ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation (a) Excavating soft material situated within the following depth ranges				
	below the level surface level				
	(i) 0m up to 1,5m	m³	30		
	(ii) Exceeding 1,5m and up to 3,0m	m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
2,02	Backfilling				
2,02	(a) Using the excavated material	m³	30		
	(b) Using imported selected material	m³	10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
2,03	Concrete pipe culvert				
	(c) On Class B bedding (i) 600 mm dia class 100D		0		
	(ii) 900 mm dia class 100D	m m	30		
	,,				
2,05	Portal and rectangular culverts				
	(a) complete with prefabricated floor slab				
	(i) 1200x1200 class 150S or equivalent	m	100		
	(ii) 1500x1500 class 150S or equivalent	m	100		
	(iii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent (v) 2400x2400 class 150S or equivalent	m m	100		
	(V) 2400X2400 class 1500 of equivalent	m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2				
		m³	300,00		
		m³	378		
		m²			
2,10	surface finish (Class 30/19mm Concrete) m³ 300,00 (c) In inlet and outlet structures, skewed ends, catchpits, manholes, thrust and anchor blocks, excluding formwork but including class U2 surface finish (25MPa / 19) m³ 378 (d) Formwork for concrete under subitem 22.07(a & c) above m² 2008				
	(c) Welded mesh	kg	6640		
2,13	Removing and re-laying existing pipes				
_,	(i) 600 mm	m	14		
2,14	Removing and disposing of existing pipes	m	14		
2,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				
		-			
		i .	-		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	ASPHALT AND CONCRETE BERMS				
24,01	Asphalt berms:				
	(a) Placed where there are no guardrails (Cold premix)	m	220		
	(b) Placed at existing guardrails (Cold premix)	m	220		
24,03	Prime and tack coats:				
.4,00	(a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	(b) Tack coat	m²	92		
	(b) rack coat	111	32		

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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
1,03	Finishing-off borrow areas	ha	0,3		

ADDIED	FORWARD TO SUMMARY :	l			

	CT NO SCMU10-24/25-0004 (A-F)		T		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
32,01	Providing a crushing and / or screening plant:				
	(a) Single-stage crusher	No	3		
32,02	Re-erecting the crushing and / or screening plant:				
2,02	(a) Single-stage crusher	No	1		
	(a) Onlyie-stage crusher	140	'		
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	m³	200		
2,06	Stockpiling of material (for use by department)	m³	500		

	FORWARD TO SUMMARY :	1			1

	CT NO SCMU10-24/25-0004 (A-F)	1			
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	MASS EARTHWORKS				
,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
,01	(a) Material in compacted layer thickness of 200mm and less:				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
,,00	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	from :				
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		
/10.02	Overnaul on material nation in excess of 1,0km (ordinary overnaul)	IIIKIII	1200		
		•			

	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14		km	25		
		km	25		
	(b) Firmoda width (haing surface)	KIII	20		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
3400 PAVEMENT LAYERS OF GRAVEL MATER B34.01 Pavement layers constructed from grave borrow including free haul up to 1,0km (h) Gravel wearing course compacted to (ii) 95% Mod AASHTO density: 150mm I (iii) 95% Mos AASHTO Density 150mm I (a) Intermediate material 34,02 Extra over item 34.01 for excavation of m (a) Intermediate material 34,07 Extra over for temporarily blading the m B34.14 Wet blading (a) 6m road width (riding surface) (b) 7m road width (riding surface) (c) 7m road width (riding surface) (d) 6m road width (riding surface) (e) 7m road width (riding surface) (g) 6m road width (riding surface) (h) 7m road width (riding surface) (a) 6m road width (riding surface) (b) 7m road width (riding surface) (c) 7m road width (riding surface) (d) 6m road width (riding surface) (e) 7m road width (riding surface) (fravel Patching (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface) (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface) (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface) (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface) (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface) (a) 6m road width (b) 7m road width (c) 7m road width (d) 7m road width (e) 7m road width (friding surface)	Accessibility grading				
	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
R34 17	Special grading				
D34.17		km	5		
		km	5		
	(b) //irroad width (hulling surface)	KIII			
B34.18					
		km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching				
		m³	500		
D24 24	Light Dood Dod Brangration				
D34.Z1		Luna	4		
		km	1 1		
	(b) /iii ioad widiii	km			
B34.22					
		km	-		Rate Only
	(b) 7m road width	km	1		
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
		km	88		
	(b) Remove material and dispose of adjacent to road	km	176		
24/16 00	Overhaul on material hauled in expense of 4 New (and in any and in the	m3 I	677E		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
B34.26	Regravelling in short lengths up to 300m	m³	7500		
DO 1.20					

ITEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
39,02	BASE AND SURFACE REPAIR - PO3 Excavation in existing pavements for patching in:				
33,02		m3	200		
	(a) Asphalt layers	m³	308		5 . 0 .
	(b) Cemented layers (c) Crushed stone base course	m³ m³	1320		Rate Onl
	(b) Gradina della pada adalah		1020		
B39.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade	}			
***************************************	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m³	396		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
•	with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50	***************************************	
	(iv Exceeding 150m ²	m³	80		
B39.06	Tack coat (60% stable grade emulsion)	I	6160		
B39.07	Cold premix (applied 35 mm thick)				
200.01	(a) Not exceeding 50m²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
	V/				
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		

B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using				
	(a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m ³	44		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	DRIVE COAT				
100	PRIME COAT				
1,01	Prime coat:				
,	(a) RTH 3/12P or RTL 3/12P tar prime	l	10		
	(b) Quick drying RTH 1/4P tar prime	ı	10		
	(c) MC-30 cut-back bitumen	I	1000		
	(d) MC-70 cut-back bitumen	l	10		
	(e) Invert bitumen emulsion	1	10		
	(f) MC - 30 SP	ı	10		

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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen	<u> </u>	-		Rate Onl
	(f) Spray grade emulsion (65% bitumen content)	l	-		Rate Onl
16,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
16,05	Variation in the rate of application of the slurry:	m³	-		Rate Onl
***********		************			

	FORWARD TO SUMMARY ·		1		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4800	TREATMENT OF AN EXISTING SURFACE				
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
18 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth: (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
18/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		
18/B39 06	Tack Coat (60% spray grade emulsion)	ı	3080		
70/000.00	Tack Coat (60 % Spray grade chiralsion)	-	3000		
18/B39.07	Cold premix 35 mm thick	m²	4400	***************************************	
	SLACK AND DEPRESSION REPAIR - PO2				
348.04	Screed of asphalt or coarse slurry : (a) Tack coat using 60% anionic emulsion diluted 50/50 with water		400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
18,06	Cleaning the cracks with compressed air	km	5		
10.07					
48,07	Applying bituminous binders and herbicides for sealing cracks: (a) Herbicide	I	500		
348.14	Geotextile seal bandage (a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile		100		
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE DEDAUGO. DOF			***************************************	
	EDGE REPAIRS - PO5				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks (avg depth = 80 mm)	m	4400		
348.05	Repairing edge breaks in surfacing				
540.05	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	l	924		
	(c) Reconstructing edges using cold premix	t	95		
	CLUDDY SEAL TREATMENT, DOG				
	SLURRY SEAL TREATMENT - PO6				
348.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion		25256		
	(b) Slurry applied by hand (coarse grade slurry)	2	000		
	(i) Not exceeding 50m ² (ii) Exceeding 50m ² but not exceeding 100m ²	m² m²	880		
		m² m²	4400 8800	***************************************	
	(iii Exceeding 100m² but not exceeding 150m² (iv Exceeding 150m²	m² m²	22000		
	(ii Endodding Todin	1117	22000		
	-				
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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
1,01	Stone pitching	2	100		
	(b) Grouted stone pitching (Max 300mm width) (c) Grouted stone pitching on a concrete bed	m² m²	100		
	To be a constant of the consta		100		

	T NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
2,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
0.00			400		
52,02	Surface preparation for bedding the gabions	m²	100		
52,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
	Filter fabric (a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
	(a) Grade 2 Bradin of Similar approved (Necessippensin type)		0000		
352.05	Dismantle and remove gabion structures	m³	50		
	FORWARD TO SUMMARY	-			

	CT NO SCMU10-24/25-0004 (A-F)				1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
	GUARDRAILS 1 Guardrails on timber posts: (a) Galvanisied m 800 3 Extra over items 54.01 for horizontally curved guardrails factory bent to a radius less than 45m m 20 4 End treatments: (d) End treatments in accordance with the drawings where single guardrail sections are used No 2 5 Additional guardrail posts: (a) Timber No 20 6 Reflective plates (a) Red and white reflectors on new guardrails No 100 (b) Red and white reflectors on existing guardrails No 100 (c) Removing existing guardrails material: (a) Straightening of Guardrails (rolling) m 200 (c) Cleaning and painting m 200 7 Removing existing guardrail with recovered and / or new material: (a) Single guardrail (b) Timber Posts No 50 (c) Reflective plates No 500 (d) Reflective plates No 500 (e) Spacer blocks No 500 (f) Reflective plates No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (g) Post bot complete with nut and washer No 500 (h) Relinforcing plates No 5				
4,03		m	20		
	Defit to a radius less than 45m		20		
4,04	End treatments:				
	(d) End treatments in accordance with the drawings where single guardrail				
	sections are used	No	2		
4,05	Additional quardrail posts:				
1,00		No	20		
4,06					

	(u) Neu and white reliectors on existing guardralis	INO	100		
54,07	Removing existing guardrails	m	750		
354.08					
	(c) Cleaning and painting	III	200		
4,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11					
		No	50		
	(e) Spacer blocks	No	200		
	(II) Reilliotolity plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
	Out the second of the feet that a second of the second of	NI-			
4,13	Steel base plates for timber guardrail posts on structures	No	5		
354.14	Adjusting spacer blocks and tightening bolts	No	100		
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CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
B55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225	***************************************	
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
B55.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
B55.05	Dismantelling existing fences:				
	(a) Fences:				
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
55,07	Ringbolts for anchoring fencing to structures	No	15		
B55.10	Trimming the fence line, 2m wide strip	km	8		

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CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
B55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225	***************************************	
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
B55.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
B55.05	Dismantelling existing fences:				
	(a) Fences:				
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
55,07	Ringbolts for anchoring fencing to structures	No	15		
B55.10	Trimming the fence line, 2m wide strip	km	8		

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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	ROAD SIGNS				
000	None Gold				
56.01	Road sign boards complete with supports with Class 1				
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R1	No.	1		
	- R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:				
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		
	- W108	No.	2		
	- W327 - W350	No.	2		
	(iii) 900mm Triangular Combination signs	INU.			
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs	1			
	- W401	No.	30		
	- W402	No.	30		
	(v) 450mm x 450mm Hazard Marker Signs				
	- W405	No.	30		
	- W406	No.	30		
6,03	Road sign supports:				
	(b) Timber		400		
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		
356.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
6,05	Excavation and backfilling for road sign supports:				
	(a) Excavation for sign supports	m³	20		
6,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m ³	10		
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	ACT NO SCMU10-24/25-0004 (A-F)				Г
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
700	ROAD MARKINGS				
5700	ROAD MARKINGS				
7,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or		-		
	similar approved	km	-		Rate Onl
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
			•		
357.08	"Glowline" or similar approved Retro-reflective cementitious road marking compound	m²	-		Rate Onl
	Compound				
57,04	Variations in rate of application:				
	(a) White paint		-		Rate Onl
	(b) Yellow paint	I	-		Rate Onl
	(d) Retro-reflective beads	I	-		Rate Onl
	(e) "Glowline" compound	1	-		Rate Onl
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
57,06	Setting out and premarking the lines (excluding traffic island				
37,00	markings, lettering and symbols)	km	367		
	illiarkings, lettering and symbols)	KIII	307		
F7 00	Demonstration temperatured nemonatured modifications have				
57,08	Removal of existing, temporary and permanent road markings by:	2	100		
	(a) Sandblasting	m²	100		
57,09	Removal of existing roadstuds	No	100		
51,00	Itemoval of existing foadstads	140	100		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	CINICULAR THE BOAD AND BOAD DECERVE AND TREATING				
900	FINISHING THE ROAD AND ROAD RESERVE AND TREATING OLD ROADS				
	OLD ROADS				
59.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees	ha	1		
	I.	1	1 I		İ

	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	FOUNDATIONS FOR STRUCTURES				
	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:	3	40		
	(i) 0m up to 2m (b) Extra over sub-item 61.02(a) for excavation in hard material	m³	10		
	irrespective of depth	m³	2		
	inespective of depth	111	2		
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
	Foundation fill consisting of				
	(d) Mass concrete (Class 15 MPa)	m³	5		

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TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	TAL OFWORK FORMINORY AND COMORETE FINISH				
200	FALSEWORK, FORMWORK AND CONCRETE FINISH				
2,01	Formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		
2,02	Vertical formwork to provide class F2 surface finish to concrete lined causeways	m²	250		
	to concrete fined causeways	III	350		

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	D FORWARD TO SUMMARY				

ITEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
63,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6400	CONCRETE FOR STRUCTURES				
64,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
64,04	Epoxy bonding of new concrete surfaces to old	m²	12		
04,04	Epoxy boliding of new concrete surfaces to old	111-	12		
64,06	Demolishing existing concrete:				
	(b) Reinforced concrete in (i) Causeways	m³	15		
	(i) Causeways	1119	15		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3100	TESTING WORKMANSHIP AND MATERIALS				
31,02	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,0
	control by an external laboratory			· · · · · · · · · · · · · · · · · · ·	
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
	<u> </u>				

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SPILOS DESCRIPTION UNIT CUANTITY RATE AMOINTENDED. SPILOS CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING. B91.01 (a) Shoulder mowing (i) Reserve with single carriageway, 5m wide attrip on either side. km 2540 Strip on either side of the ready continue to fenceline. (11.5m wide km 5 Strip on either side of the ready continue to fenceline. (11.5m wide km 5 B91.02 Cutting of designated areas continue to fenceline to fenceline continue to fenceline	CONTRAC	CT NO SCMU10-24/25-0004 (A-F)	LINUT	OHANTITY	RATE	AMOUNT
891.01 Mowing the grass (a) Shoulder mowing (ii) Reserve with single carriageway, 3m wide strip on either side. km 2640 (iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide strip on either side of the road) 891.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000	I EM NO	DESCRIPTION	UNII	QUANTITY	KAIE	AMOUNT
91.01 Mowing the grass (a) Shoulder mowing (ii) Reserve with single carriageway, 3m wide strip on either side. km 2640 (iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide strip on either side of the road) 91.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000						
(a) Shoulder mowing (ii) Reserve with single carriageway, 3m wide strip on either side. km 2640 (iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide strip on either side of the road) 91.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000	100	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING		~		
(a) Shoulder mowing (ii) Reserve with single carriageway, 3m wide strip on either side. km 2640 (iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide strip on either side of the road) 91.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000	91.01	Mowing the grass				
(ii) Reserve with single carriageway, 3m wide strip on either side. km 2640 (iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide km 5 strip on either side of the road) 91.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000						
strip on either side of the road) 91.02 Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000			km	2640		
ignormal designated areas (a) Road signs, reference marker boards, guardrails etc m² 5000 (b) Dangerous areas at intersections m² 2000			km	5		
(a) Road signs, reference marker boards, guardrails etc m ² 5000 (b) Dangerous areas at intersections m ² 2000		strip on either side of the road)				
(a) Road signs, reference marker boards, guardrails etc m ² 5000 (b) Dangerous areas at intersections m ² 2000	04.00	D. Winner of Janis and January		•		
(b) Dangerous areas at intersections m ² 2000			 m²	5000		

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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
103.01	Contractor's mark-up for emergency maintenance	%	50000		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		
			1		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT

13000	Occupational Health & Safety:				
13001 F	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
	·				
	Principal Contractor's initial obligations in respect of the OHS Ac				
[8	and Construction Regulations	Lump sum	1		
313003 F	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004 F	Provision for Personal Protective Equipment & Protective Clothin				
	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats	No	20		
	(iv) Protective foot wear (v) Earplugs	No No	20		
	(vi) Dust masks	No	20		
313005 F	Provision of full time Construction Health and Safety Officer	Month	36		
313006	Costs of medical certificates and Medical Surveillance				
	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
14000=	la destina Tarinia				
313007 I	Induction Training	No	20		
313008 E	Environmental Monitoring	No tests	1		
313009 N	Noise Monitoring	No	1		
313010 F	Payment for Health & Safety representatives at meetings	Lump sum	1		
313011 F	Provision of First Aid boxes	Lump sum	3		
313012	Transportation of Workers	Month	36		
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313013	Submission of the Health and Safety File	Lump sum	1		
ARRIED	FORWARD TO SUMMARY ·				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
315007	<u>Training of Local Labour</u>				
B15007.1	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,00
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,00
315007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
315007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0
ADDIED	FORWARD TO SUMMARY :	1			

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN KOUGA AND KOUKAMMA

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	R

Section 9100	Controlling Vegetation Growth – Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL	OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES	₹

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.

SCMU10-24/25-0004F		
	D: MAINTENANCE WORKS IN MAKANA	

	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMEDAL DECLUDEMENTS AND DROVIGIONS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1 1		
	Monthly transport allowance for CLO for duration of Contract Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		

ARRIE	FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS				
13.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(c) Time-related obligations for works assignments ranging between: (i) R0 - R2.0 mil	Month	3		
	(i) R2.0 - R2.0 mil	Month	3		
	(iii) R4.0mil - R6.0 mil	Month	12		
	(iv) Greater than R6.0 mil	Month	12		

	PEORWARD TO SUMMARY				

	CT NO SCMU10-24/25-0004 (A-F)				1
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	DI FADING AND ODIFFDING				
00	CLEARING AND GRUBBING				
7.01	Clearing and grubbing	ha	66		
17.02	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
17.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
17.08	Removal of undesirable vegetation	m²	66000		
	regetation		30000		
17.09	Shredding of vegetation cuttings in situ	m³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
, 10.02	overhaul)	m³-km	660		
17.10	Clearing and grubbing narrow strips	m²	100		

CONTRAC	CT NO SCMU10-24/25-0004 (A-F)	1				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT	
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER					
18.01	Clearing of the road reserve					
	(a) Trunk and Main roads (30m wide road reserve)	km	1320			
	(b) District roads (25m wide road reserve)	km	1320			
318.02	Replacing of damaged facilities					
	(a) Litter containers	No	9			
	(b) Tables	No	35			
	(c) Benches	No	9			
318.03	Treatment of existing concrete rest area furniture					
710.03	(a) Litter containers	No	9			
	(b) Tables	No	35			
	(c) Benches	No	9			
318.04	Treatment of existing concrete bridge balustrades (a) Balustrades	m²	810			
	(a) Builderiados		0.0			
318.05	Cleaning of Rest Areas as well as removal of litter					
	(a) Within 50km from main Site Camp	No	9			
	(b) Between 50 km and 150 km from main Site Camp	No	9			
	(c) Further than 150 km from main Site Camp	No	9			

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	FORWARD TO SUMMARY	1				

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1900	DAYWORKS (PROVISIONAL)				
19.01	Personnel during normal working hours				
	() 11 17 11 1		40		
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger (e) Flagman	hr hr	10 20		
	(e) Fragman	111	20		
10.02	Plant				
19.02	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		***************************************
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)		9		
		hr br	9		
	(j) Dozer (D7 or similar)) (k) Mechanical broom	hr br	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
***************************************		hr hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr 			
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size		9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		

	CT NO SCMU10-24/25-0004 (A-F)	LINDT	OHANTITY	DATE	AMOUNT
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0400	DD ANNO				
2100	DRAINS				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
04.45	Overhead for material haded in average of 4 0km free had	3 Ican	422		
21,15	Overhaul for material hauled in excess of 1,0km free-haul (normal overhaul)	m³-km	432		
21,16	Backfilling existing eroded side drains	m³	200		
21 17	Tost flushing of nine subsell drains	No	2		
21,17	Test flushing of pipe subsoil drains	INO	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
	, , , , , , , , , , , , , , , , , , ,				
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains				
2200	(i) Om up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved	m³	150		
D21.00	sources on site	1116	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
	(a) Perforated pitchfibre pipe (150mm) (b) Non perforated pitchfibre pipe (150mm)	m m	500		
	(b) Non pendrated pitchilbre pipe (150mm)	m	300		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
JE 1.14	(a) Outlet structures	No	10		
	7	110	10		
		<u> </u>			

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				T
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges				
	below the level surface level	3	20		
	(i) 0m up to 1,5m (ii) Exceeding 1,5m and up to 3,0m	m³ m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,		10		
	irrespective of depth	m³	5		
2,02	Backfilling				
	(a) Using the excavated material	m³	30		
	(b) Using imported selected material	m³	10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
2,03	Concrete pipe culvert				
,	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
		-			
2,05	Portal and rectangular culverts	-			
	(a) complete with prefabricated floor slab		100		
	(i) 1200x1200 class 150S or equivalent (ii) 1500x1500 class 150S or equivalent	m m	100	***************************************	
	(ii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2				
	surface finish (Class 30/19mm Concrete)	m³	300,00		
	(c) In inlet and outlet structures, skewed ends, catchpits, manholes,				
	thrust and anchor blocks, excluding formwork but including class U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
	(a) 1 om work for concrete under substem 22.07 (a & c) above		2000		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes				
	(i) 600 mm	m	14		
22,14	Removing and disposing of existing pipes	m	14		
-,	realisting and disposing or onloning pipes			***************************************	
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				
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TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI INU	DESCRIPTION	ONII	QUANTIT I	NATE	ANIOUNI
.00	ASPHALT AND CONCRETE BERMS				
1,01	Asphalt berms:				
	(a) Placed where there are no guardrails (Cold premix)	m	220		
	(b) Placed at existing guardrails (Cold premix)	m	220		
4,03	Prime and tack coats:				
,	(a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	(b) Tack coat	m²	92		
					

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
1,03	Finishing-off borrow areas	ha	0,3		

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	FORWARD TO SUMMARY :				

TEF	CT NO SCMU10-24/25-0004 (A-F)		011111	F	
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS				
2,01	Providing a crushing and / or screening plant:				
	(a) Single-stage crusher	No	3		
2,02	Re-erecting the crushing and / or screening plant:				
	(a) Single-stage crusher	No	1		
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
2,05	Additional normal axid rolling (Normal min of 4 noscoo)	m ³	200		
2,05	Additional normal grid rolling (Normal - min of 4 passes)	Ш	200		
2,06	Stockpiling of material (for use by department)	m³	500		
<u>-,∪∪</u>	Otoonprining of material (for use by department)	1117	300		

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CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
000	WASS FARTINGS OF STREET				
300	MASS EARTHWORKS				
3,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
	(a) Material in compacted layer thickness of 200mm and less :	_			
	(ii) Compacted to 93% of mod AASHTO	m ³	300		
3,03	Extra over item 33.01 for excavating and breaking down materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained from :				
	(a) Soft excavation	m³	100		***************************************
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		
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CARRIED	FORWARD TO SUMMARY :				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
D34.U1	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface) (b) 7m road width (riding surface)	km km	20		Rate Only
	(b) / Ill Toad width (hullig surface)	KIII	-		Nate Offis
B34.17	Special grading				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
D34.19	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		

B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation				
	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
DO 1.ZZ	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		
	Cravel shoulder reasis				
B34.23	Gravel shoulder repair (a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up				
DU4.24	(a) Remove material and load for spoil	km	88		
	(b) Remove material and dispose of adjacent to road	km	176		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
	1				
B34.26	Regravelling in short lengths up to 300m	m³	7500		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
 39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	(i) not exceeding somm	111	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate On
	(c) Crushed stone base course	m³	1320		
339.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m³	396		
	(III Exceeding 10011	111	330		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
~~~~	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m ³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
	(				
B39.06	Tack coat (60% stable grade emulsion)	l	6160		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
200.00	T				
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using (a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m³	44		
			***************************************		
CADDIE	D FORWARD TO SUMMARY :				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PRIME COAT				
,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	l	10		
	(b) Quick drying RTH 1/4P tar prime	1	10		
	(c) MC-30 cut-back bitumen	i	1000		
	(d) MC-70 cut-back bitumen	i	10		
	(e) Invert bitumen emulsion	i	10		
	(f) MC - 30 SP	I	10		
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	FORWARD TO SUMMARY		1		+

	CT NO SCMU10-24/25-0004 (A-F)		+		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
000	BITOWINGOOD SINGLE SEAL WITH SEGRET (OAI E SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen		-		Rate On
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate On
6,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
6,05	Variation in the rate of application of the slurry:	m³	-		Rate Or
***************************************					

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	TREATMENT OF AN EXISTING SURFACE	***************************************			
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
18 / 30 01	Sawing asphalt or cemented pavement layers for patching				
10 / 39.01	(a) Sawing asphalt to an average depth: (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
	(i) not exceeding 30 min		11000		
8/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		
***************************************					
8/B39.06	Tack Coat (60% spray grade emulsion)	I	3080		-
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
348.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	ı	400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
8,06	Cleaning the cracks with compressed air	km	5		
8,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE REPAIRS - PO5				
	EDGE KEI AIKO - 1 00				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks ( avg depth = 80 mm )	m	4400		
348.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	<u> </u>	924		
	(c) Reconstructing edges using cold premix	t	95		
	SLURRY SEAL TREATMENT - PO6				
348.03	Slurry seal	1	25250		
	(a) Tack coat using 30% bitumen emulsion	l I	25256		
	(b) Slurry applied by hand (coarse grade slurry)  (i) Not exceeding 50m²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m²	8800		
	(iv Exceeding 150m²	m²	22000		
	( 2.000ding 100m	111			

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
1 04	Chang withhim				
1,01	Stone pitching (b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		
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٨٥٥١٢٥	FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
2,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions (a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(7 2 7 1,5 11 25 12 12 12 12 12 12 12 12 12 12 12 12 12				
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m ³	50		
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ARRIED	FORWARD TO SUMMARY		<u> </u>	· <del></del>	

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:		900	***************************************	
	(a) Galvanised	m m	800		
54,03	Extra over items 54.01 for horizontally curved guardrails factory				
	bent to a radius less than 45m	m	20		
54,04	End treatments:				
74,04	(d) End treatments in accordance with the drawings where single guardrail				
	sections are used	No	2		
54,05	Additional guardrail posts: (a) Timber	No	20		
	(a) Tilliper	110	20		
54,06	Reflective plates				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
	-				
354.08	Renovating guardrail material:				
	(a) Straightening of Guardrails (rolling)	m	200		
	(c) Cleaning and painting	m	200		
54,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11	New material required for the re-erection of guardrails with recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates	No	500		
	(e) Spacer blocks	No	200		
	(f) Splice bolt complete with nut and washer (g) Post bolt complete with nut and washer	No No	500 500		
	(h) Reinforcing plates	No	2		
	,				
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
	<u> </u>				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
WARRIED TO SERVICE AND SERVIC					
ADDIED	FORWARD TO SUMMARY				

	CT NO SCMU10-24/25-0004 (A-F)	1			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
55.02	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
	(1), 2 - FF				
55.03	New gates				
.00.00	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) Fedestilali gales as pel diawings	INO	30		
	Diam antalling orieting forces				
55.05	Dismantelling existing fences:				
	(a) Fences:	Long			
	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		
		1			
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TE	CT NO SCMU10-24/25-0004 (A-F)		0114317	B * T T	****
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
5,01	Clearing the fence line, 2m wide strip	km	15		
	-				
55.02	Supply and erect new fencing material for new fences and for supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist wire, 2.5mm diameter)	km	60		
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with		005		
	steel cap and 230 x 230 x 2 base plate fully galvanised.) - Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:	No	225		
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing) (iii Horizontal:	No	75		
***************************************	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
***************************************	(I) Sipping of the in your paint				
55.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
55.05	Dismantelling existing fences:				
	(a) Fences: (i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
	(b) Gales	140	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
55.10	Trimming the fence line, 2m wide strip	km	8		

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TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	DOAD CIONO				
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1	***************************************			
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R 1 - R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:	No.	2		
	- W101	No.	2		
	- W104	No.	2		
	- W107	No.	2		
	- W108	No.	2		
	- W327	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				***************************************
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
	- W401	No.	30		
	- W402 (v) 450mm x 450mm Hazard Marker Signs	No.	30		
	- W405	No.	30		
	- W406	No.	30		
	W 100	140.			
6,03	Road sign supports:				
	(b) Timber				
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		

56.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
6,05	Excavation and backfilling for road sign supports:				
5,00	(a) Excavation for sign supports	m³	20		
	(a) Zzodradom or elgin cappone				
5,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	10		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
700	NOAD MAKKINGS				
7,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or			***************************************	***************************************
	similar approved	km	-		Rate On
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate On
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
357.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²			Rate Onl
	compound	- 111-	-		Nate Off
	- Compound				
57,04	Variations in rate of application:				
	(a) White paint	ı	-		Rate Onl
	(b) Yellow paint	ı	-		Rate On
	(d) Retro-reflective beads	1	-		Rate On
	(e) "Glowline" compound	I	-		Rate On
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
7,06	Setting out and premarking the lines (excluding traffic island				
	markings, lettering and symbols)	km	367		
57,08	Removal of existing, temporary and permanent road markings by:				
	(a) Sandblasting	m²	100		***************************************

57,09	Removal of existing roadstuds	No	100		
	Supply and lay "Vuka" bumps (or similar approved) as per	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
		1	1		

TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
					7
	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
9.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees		1		
	c) 30 to 45 degrees	ha	1		
		~			

	CT NO SCMU10-24/25-0004 (A-F)	T			
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
1,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material irrespective of depth	m³	2		
	in copedate of depart				
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
	(d) Mass concrete (Class 15 MPa)	m³	5		
			-		
	FORWARD TO SUMMARY	•			

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EIWI INO	DESCRIPTION	ONII	QUANTITY	RAIE	AWOON
:00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
2,01	Formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		
	Vertical formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	to concrete linea causeways	- 111	330		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

CARRIFE	D FORWARD TO SUMMARY				

TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2-23 113	01			
100	CONCRETE FOR STRUCTURES				
1,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
4,04	Epoxy bonding of new concrete surfaces to old	m²	12		
4,06	Demolishing existing concrete:				
4,00	(b) Reinforced concrete in				
	(i) Causeways	m³	15		
			•		

ADDIE	D FORWARD TO SUMMARY	•			

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIALS				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
IVI IVO	DESCRIPTION	J. 1111	SOAHIII (MAIE	AMOUNT
100	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING	***************************************			
91.01	Mowing the grass				
	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide	km	5		
	strip on either side of the road)				
391.02	Cutting of designated areas				
	(a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		

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·APPIER	D FORWARD TO SUMMARY :				

ITEM NO	T NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
3103.01	Contractor's mark-up for emergency maintenance	%	50000		
***************************************					

CONTRAC	T NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI NO	DESCRIPTION	UNII	QUANTITY	KAIE	AWOUNI
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		
			•		
	-				
ADDIED	FORWARD TO SUMMARY	L	I		

	CT NO SCMU10-24/25-0004 (A-F)	I .	T		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
	Principal Contractor's initial obligations in respect of the OHS Act		1		
	and Construction Regulations	Lump sum	I		
	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
313004	Provision for Personal Protective Equipment & Protective Clothing	g			
	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats (iv) Protective foot wear	No No	20		
	(v) Earplugs	No	20		
	(vi) Dust masks	No	20		
12005	Provision of full time Construction Health and Safety Officer	Month	36		
313005	1 104131011 OF THE CHISH RELIGION FREATH AND SAFETY OFFICER	IVIOLITI	30		
13006	Costs of medical certificates and Medical Surveillance				
	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
		<b></b>			
313008	Environmental Monitoring	No tests	1		
313009	Noise Monitoring	No	1		
313010	Payment for Health & Safety representatives at meetings	Lump sum	1		
313011	Provision of First Aid boxes	Lump sum	3		
313011	FIOVISION OF FIRST AIR BOXES	Lump sum	3		
313012	Transportation of Workers	Month	36		
313013	Submission of the Health and Safety File	Lump sum	1	***************************************	
710010	Submitted of the Health and Subtly File	Lump dam			

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
ITEWINO	DESCRIPTION	ONIT	QUANTITY	KAIL	AMOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
315007	Training of Local Labour				
B15007.1	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,00
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,0
B15007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
B15007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,00
	FORWARD TO SUMMARY :	I			

# PROVINCE OF THE EASTERN CAPE

# **DEPARTMENT OF TRANSPORT**

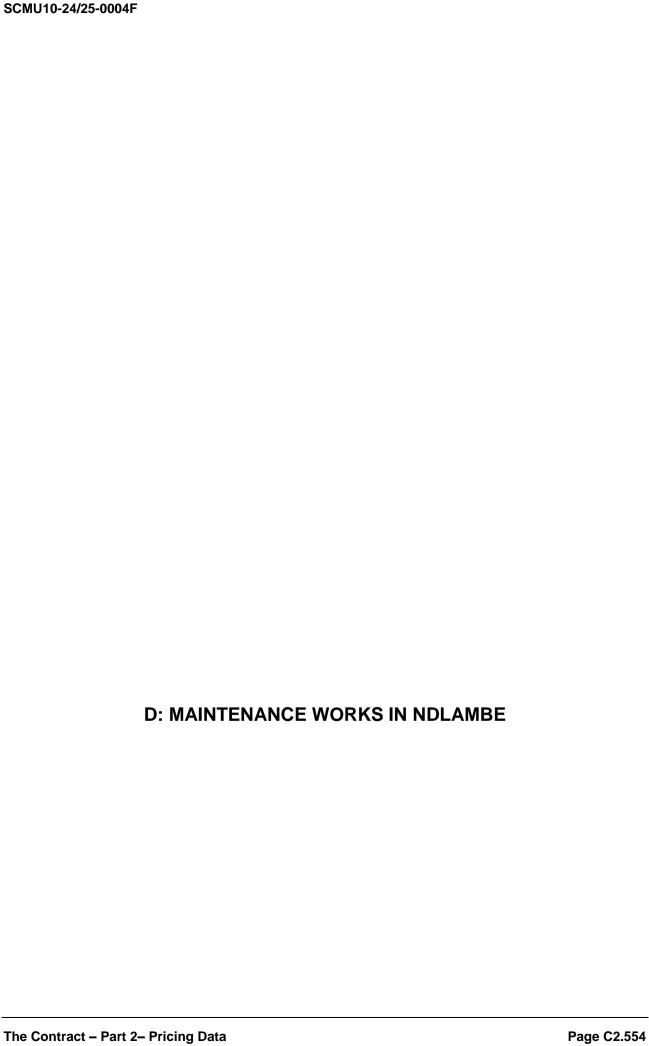
# TENDER NO. SCMU10-24/25-0004F

# **MAINTENANCE WORKS IN MAKANA**

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	

Section 9100	Controlling Vegetation Growth - Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (	OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES F	R

THE CONTRACT  $\underline{\mathsf{IS}}$  SUBJECT TO CONTRACT PRICE ADJUSTMENT.



	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMEDAL DECLUDEMENTS AND DROVIGIONS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1 1		
	Monthly transport allowance for CLO for duration of Contract     Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		
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ARRIE	FORWARD TO SUMMARY :				

	CT NO SCMU10-24/25-0004 (A-F)	LINDT	OHANTITY	DATE	AMOUNT
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL				
	OBLIGATIONS				
13.01	The contractor's general obligations:				
13.01	The contractor's general obligations.				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil	%	R 11 000 000		
	(iv) Greater than R6.0 mil	%	R 14 000 000		
	(c) Time-related obligations for works assignments ranging between:		_		
	(i) R0 - R2.0 mil	Month	3		
	(ii) R2.0 - R4.0 mil (iii) R4.0mil - R6.0 mil	Month Month	3 12		
	(iv) Greater than R6.0 mil	Month	12		
	(iv) Groater than its or init	WIGHT			
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TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EM NO	DESCRIPTION	UNII	QUANTITY	KAIE	AMOUNT
700	CLEARING AND GRUBBING				
	SEE/MAING 7/MB GROBBING				
17.01	Clearing and grubbing	ha	66		
17.02	Removal and grubbing of large trees and tree stumps:				
17.02	(a) Girth exceeding 0,5m up to and including 1m	No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220		
	(c) Girth exceeding 2m up to and including 3m	No	44		
7,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
17.05	Cleaning out of hydraulic structures	3	1000		
	(a) Pipes with an internal diameter up to and including 750mm (b) Pipes with an internal diameter exceeding 750mm	m³ m³	1080		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
	(c) Box curverts up to and including 1.5m internal vertical dimension		100		
17.08	Removal of undesirable vegetation	m²	66000		<u> </u>
17.09	Shredding of vegetation cuttings in situ	m ³	66,0		
7/16.02	Overhaul on material hauled in excess of 1.0km (ordinary overhaul)	m³-km	660		
	Overnaury	IIIKIII	000		
17.10	Clearing and grubbing narrow strips	m²	100		
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	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
40.00	Danie and description				
18.02	Replacing of damaged facilities (a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.03	Treatment of existing concrete rest area furniture				
	(a) Litter containers	No	35		
	(b) Tables (c) Benches	No No	9		
	(c) Benefics	140	,		
18.04	Treatment of existing concrete bridge balustrades				
	(a) Balustrades	m²	810		
18.05	Cleaning of Rest Areas as well as removal of litter				
	(a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		
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ARRIFD	FORWARD TO SUMMARY ·				

B1900	DESCRIPTION	11117			
B1900		UNIT	QUANTITY	RATE	AMOUNT
	DAYWORKS (PROVISIONAL )				
B19.01	Personnel during normal working hours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		
	(d) Ganger (e) Flagman	hr hr	20		
	(e) Tragilian		20		
B19.02	Plant				
D19.02	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)	hr	9		
	(j) Dozer (D7 or similar))	hr	9		
	(k) Mechanical broom	hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size	hr	9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size)	km	500		
	(w) Other Specify	hr			
B19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		
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	CT NO SCMU10-24/25-0004 (A-F)	LINDT	OHANTITY	DATE	AMOUNT
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0400	DD ANNO				
2100	DRAINS				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
04.45	Overhaul for material hauled in average of 4 0km from haul	3 Ican	422		
21,15	Overhaul for material hauled in excess of 1,0km free-haul (normal overhaul)	m³-km	432		
21,16	Backfilling existing eroded side drains	m³	200		
21,17	Test flushing of pipe subsoil drains	No	2		
21,17	rest nusning of pipe subsoil drains	INO			
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
	, , , , , , , , , , , , , , , , , , , ,				
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains				
	(i) 0m up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved	m³	150		
D21.00	sources on site	111	130		
B21.07	Coarse sand from approved sources on site	m³	50		
D04.00	B				
B21.08	Pipes in subsoil drainage systems:				
	(a) Perforated pitchfibre pipe (150mm) (b) Non perforated pitchfibre pipe (150mm)	m m	500		
	(b) Non periorated piteriniste pipe (Toomin)		300		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
<del></del>	(a) Outlet structures	No	10		
	FORWARD TO SUMMARY ·	<u>I</u>	1		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
. LIVI NO	DESCRIPTION	ONII	QUANTIT	NAIE	AWOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges below the level surface level				
	(i) Om up to 1,5m	m³	30		
	(ii) Exceeding 1,5m and up to 3,0m	m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
2,02	Backfilling	3	00		
	(a) Using the excavated material (b) Using imported selected material	m³ m³	30 10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
	(o) 2344 oron capitom 22102(a) and (b) 101 con combine backmining				
2,03	Concrete pipe culvert				
	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
2.05	Portal and rectangular culverte	-			
2,05	Portal and rectangular culverts (a) complete with prefabricated floor slab				
	(i) 1200x1200 class 150S or equivalent	m	100		
	(ii) 1500x1500 class 150S or equivalent	m	100		
	(iii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m ³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2	3	200.00		
	surface finish (Class 30/19mm Concrete) (c) In inlet and outlet structures, skewed ends, catchpits, manholes,	m³	300,00		
	thrust and anchor blocks, excluding formwork but including class				
	U2 surface finish ( 25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes				
.2,10	(i) 600 mm	m	14		
	M. Carlotte				
2,14	Removing and disposing of existing pipes	m	14		
2,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km				

	CT NO SCMU10-24/25-0004 (A-F)				
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	ASPHALT AND CONCRETE BERMS				
I,01	Asphalt berms:				
	(a) Placed where there are no guardrails (Cold premix)	m	220		
	(b) Placed at existing guardrails (Cold premix)	m	220		
4,03	Prime and tack coats:				
	(a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	(b) Tack coat	m²	92		
	FORWARD TO SUMMARY ·				1

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
31,03	Finishing-off borrow areas	ha	0,3		
71,00	Timisimiy-on borrow areas	IIa	0,0		
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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS			***************************************	
2,01	Providing a crushing and / or screening plant:				
2,01	(a) Single-stage crusher	No	3		
	(a) Single-stage crushel	140	3		
2,02	Re-erecting the crushing and / or screening plant:				
_,0_	(a) Single-stage crusher	No	1		
	(a) Single stage stabile				
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
	( , , , , , , , , , , , , , , , , , , ,				
2,05	Additional normal grid rolling (Normal - min of 4 passes)	m³	200		
2,06	Stockpiling of material (for use by department)	m³	500		
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	T NO SCMU10-24/25-0004 (A-F)				I
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	MACC FARTHWORKS				
300	MASS EARTHWORKS				
	Cut and harrow to fill including freehoul up to 1.0 km.				
	Cut and borrow to fill, including freehaul up to 1,0 km:				
	(a) Material in compacted layer thickness of 200mm and less:				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
	\(\frac{1}{2}\)				
3,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
	from :				
		3	400		
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		
<i>x</i>	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon				
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CONTRAC	CT NO SCMU10-24/25-0004 (A-F)	T			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
3400	PAVEWENT LATERS OF GRAVEL WATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
B34.14	Wet blading				
	(a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
B3/1F	Dry blading				
B34.15	Dry blading (a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
	(b) Till Todd Width (haing sandee)	KIII	20		
B34.16	Accessibility grading				
	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
DO4.47	On a sint was allowed				
B34.17	Special grading	lema	-		
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
D04.10	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.20	Gravel Patching				
	(a) Material from Borrow Pits	m³	500		
B34.21	Light Road Bed Preparation				
DO 1.21	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders	to			
	95% Mod AASHTO density	m³	880		
	(b) Extra over subitem (a) for adding extra material (free haul)	m³	220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up		000		
	(a) Remove material and load for spoil (b) Remove material and dispose of adjacent to road	km km	176		
	To hove material and dispose of adjacent to road	NIII	170		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
B34.26	Regravelling in short lengths up to 300m	m³	7500		
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ITEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
900	PATCHING AND REPAIRING EDGE BREAKS				
39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth: (i) not exceeding 50mm		22000		
	(i) not exceeding somm	m	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate Or
	(c) Crushed stone base course	m³	1320		
339.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade)			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m³	396		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
	(i) Not exceeding 5m ²	m³	132	-	
	(ii) Exceeding 5m² but not exceeding 100m²	m³	198		
	(iii Exceeding 100m²	m ³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	50		
	(iii Exceeding 100m ²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
B39.06	Tack coat (60% stable grade emulsion)	I	6160		
339.00	Tack Coat (00% Stable grade emulsion)		0100		
339.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
339.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
339.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using	m3	440		
	(a) Cold premix (b) C4 (stabilised) material	m³ m³	440		
	167 O : (Stabilised) Indicinal	1115	77		

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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	PRIME COAT				
,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	l	10		
	(b) Quick drying RTH 1/4P tar prime	1	10		
	(c) MC-30 cut-back bitumen	i	1000		
	(d) MC-70 cut-back bitumen	i	10		
	(e) Invert bitumen emulsion	i	10		
	(f) MC - 30 SP	I	10		

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	CT NO SCMU10-24/25-0004 (A-F)		+		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
000	BITOWINGOOD SINGLE SEAL WITH SEGRET (OAI E SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen		-		Rate On
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate On
6,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
6,05	Variation in the rate of application of the slurry:	m³	-		Rate Or

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	TREATMENT OF AN EXISTING SURFACE	***************************************			
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
18 / 30 01	Sawing asphalt or cemented pavement layers for patching				
10 / 39.01	(a) Sawing asphalt to an average depth: (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
	(i) not exceeding 30 min		11000		
8/39.02	Excavation in existing pavements for patching in				
	(c) Bituminous seal layers	m³	154		

8/B39.06	Tack Coat (60% spray grade emulsion)	I	3080		•
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
348.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water	ı	400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
8,06	Cleaning the cracks with compressed air	km	5		
8,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage				
	(a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile				
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m²	m²	300		
	(iv Exceeding 150m²	m²	400		
348.15	Crack sealing using Method 1 (sealant and crusher dust)	I	500		
	EDGE REPAIRS - PO5				
	EDGE KEI AIKO - 1 00				
18/39.05	Cutting back the edges of the existing surface for repairing of				
	edge breaks (avg depth = 80 mm)	m	4400		
348.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	<u> </u>	924		
	(c) Reconstructing edges using cold premix	t	95		
	SLURRY SEAL TREATMENT - PO6				
348.03	Slurry seal	1	25250		
	(a) Tack coat using 30% bitumen emulsion	l I	25256		
	(b) Slurry applied by hand (coarse grade slurry) (i) Not exceeding 50m²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m²	8800		
	(iv Exceeding 150m²	m²	22000		
	(2.000ding 100m	111			

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
1.04	Chang withhim				
1,01	Stone pitching (b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		

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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
.,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Conference was resident for boalding the making	2	100		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
2,04	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m³	50		
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	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
4,03	Extra over items 54 01 for horizontally curved quardrails factory				
1,00	bent to a radius less than 45m	m	20		
4,04					
	sections are used	No	2		
54,05		Na	20		
	(a) Timber	NO	20		
4,06	Reflective plates				
***************************************	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
354.08					
	(c) Cleaning and painting		200		
4,09	BUARDRAILS  GUARDRAILS  Guardrails on timber posts:  (a) Galvanised m 800  Extra over items 54.01 for horizontally curved guardrails factory bent to a radius less than 45m m 20  End treatments:  (d) End treatments in accordance with the drawings where single guardrail sections are used No 2  Additional guardrail posts:  (a) Timber No 20  Reflective plates  (a) Red and white reflectors on new guardrails No 100  (b) Red and white reflectors on existing guardrails No 100				
	(a) Single guardrail	m	200		
54 11	New material required for the re-erection of quardrails with				
54,11					
	(b) Timber Posts	No	50		
		No			
	(ii) Reinforcing plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber quardrail posts on structures	No	5		
, 1, 10	Steel Sace Plates for times, guardian poots on or astaros				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
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	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing )	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontalling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
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	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing )	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontalling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
			-		
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	ACT NO SCMU10-24/25-0004 (A-F)		OHANT:TX	B.T.	*******
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1				
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R1	No.	1		
	- R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:				
	- W101	No.	2		
	- W104	No.	2		
	- W107 - W108	No.	2 2		
	- W108	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
***************************************	- W401	No.	30		
	- W402	No.	30		
	(v) 450mm x 450mm Hazard Marker Signs				
	- W405	No.	30		
	- W406	No.	30		
6,03	Road sign supports:				
,0,00	(b) Timber				
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		
356.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
	(b) Supply and install new kilometer posts complete	No.	5		
66,05	Excavation and backfilling for road sign supports:				
.0,00	(a) Excavation for sign supports	m³	20		
6,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m ³	10		

CONTR	ACT NO SCMU10-24/25-0004 (A-F)				1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
57,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or				
	similar approved	km	-		Rate Onl
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
	<u> </u>				
B57.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	-		Rate Onl
	compound				
				***************************************	
57,04	Variations in rate of application:				5 . 6 .
	(a) White paint	<u>                                      </u>	-		Rate Only
	(b) Yellow paint		-		Rate Only
	(d) Retro-reflective beads	I	-		Rate Only
	(e) "Glowline" compound		-		Rate Only
			450		
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
F7.00	Cotting out and appropriate the lines (evaluation treffic island				
57,06	Setting out and premarking the lines (excluding traffic island	1	007		
	markings, lettering and symbols)	km	367		
57,08	Removal of existing, temporary and permanent road markings by:				
	(a) Sandblasting	m ²	100		
57,09	Removal of existing roadstuds	No	100		
DEZ 00	0	N1-	F0		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per  Manufacturer's specifications, inclusive of fitment complete	No	50		
	Manufacturer's specifications, inclusive of fitment complete				
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TEM NO	ACT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	LINIT	QUANTITY	RATE	AMOUNT
	DEGGKI TION	5.411	20/111111		AMOUNT
00	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
9.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees	ha	1		
	1				A contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of

T	ACT NO SCMU10-24/25-0004 (A-F)		011451777	D.4.T.	4146
EM NC	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material	2	0		
	irrespective of depth	m³	2		
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
1,00	(d) Mass concrete ( Class 15 MPa )	m³	5		
	(u) Wass concrete ( class 15 Wil a )	111	3		
~~~~					

	ACT NO SCMU10-24/25-0004 (A-F)				
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
,01	Formwork to provide class E2 curfose finish				
2,01	Formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	•				
2,02	Vertical formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		

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	D FORWARD TO SUMMARY				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

CARRIFE	D FORWARD TO SUMMARY				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	CONCRETE FOR STRUCTURES				
4,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
64,04	Epoxy bonding of new concrete surfaces to old	m²	12		
64,06	Demolishing existing concrete:				
	(b) Reinforced concrete in (i) Causeways	m³	15		

) FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAES				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

	ACT NO SCMU10-24/25-0004 (A-F)				1
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING				
91.01	Mowing the grass				
31.01	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide		5		
	strip on either side of the road)	KIII	3		
91.02	Cutting of designated areas (a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		
	(c) Signit thangle at intersections	111-	2000		

	i e		1		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
3103.01	Contractor's mark-up for emergency maintenance	%	50000		

	FORWARD TO SUMMARY				+

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT

2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
13000	Occupational Health & Safety:				
13001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
13002	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations	Lump sum	1		
	and Constitution Regulations	Lump sum			
13003	Principal Contractor's time related obligations in respect of the				
	OHS Act and Construction Regulations	Month	36		
13004	Provision for Personal Protective Equipment & Protective Clothin	g			
	(i) Reflective vests	No	20		
	(ii) Reflective bibs	No	20		
	(iii) Hard hats (iv) Protective foot wear	No No	20		
	(v) Earplugs	No	20		
	(vi) Dust masks	No	20		
13005	Provision of full time Construction Health and Safety Officer	Month	36		
10000	1 104131311 OF THE HARD CONSTRUCTION THEATH AND SAFETY OFFICER	IVIOLIUI	30		
13006	Costs of medical certificates and Medical Surveillance				
	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
13007	Induction Training	No	20		
13008	Environmental Monitoring	No tests	1		
13009	Noise Monitoring	No	1		
13010	Payment for Health & Safety representatives at meetings	Lump sum	1		
13011	Provision of First Aid boxes	Lump sum	3		
13012	Transportation of Workers	Month	36		
13013	Submission of the Health and Safety File	Lump sum	1		
13013	Submission of the Health and Salety File	Lump sum			
ARRIF	FORWARD TO SUMMARY ·				1

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
315007	<u>Training of Local Labour</u>				
B15007.1	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,0
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
315007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,0
315007.3	Mark Up for Management of ME's	%	13 500 000,00		
315007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
B15007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,0

PROVINCE OF THE EASTERN CAPE

DEPARTMENT OF TRANSPORT

TENDER NO. SCMU10-24/25-0004F

MAINTENANCE WORKS IN NDLAMBE

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating O	Finishing the Roads and Road Reserve Id Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	

Section 9100	Controlling Vegetation Growth - Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL (OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES F	R

THE CONTRACT $\underline{\mathsf{IS}}$ SUBJECT TO CONTRACT PRICE ADJUSTMENT.

SCMU10-24	4/25-0004F		
	D: MAINTENANCE WORKS IN NELSON MANDELA BA	¥Υ	

	CT NO SCMU10-24/25-0004 (A-F)	1 .			
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1000	SEMEDAL DECLUDEMENTS AND DROVIGIONS				
200	GENERAL REQUIREMENTS AND PROVISIONS				
312.01	Community Liaison Officer:				
	(a) Community Liaison Officer cost	Prov. Sum	1		
	Monthly transport allowance for CLO for duration of Contract Remuneration of PSC representatives from the community to attend	Prov. Sum Prov. Sum	1		
	official meetings				
	(d) Handling costs and charges for Contractor on items B12.01 (a) to (c)	%	R205 200		
12.05	Protection of Existing Services	Prov. Sum	1		
12.06	Handling costs and charges for the Contractor on item B12.05	%	R10 000		
312.07	Provision of hire of Plant by the Contractor for the Department for emergency work outside of the LMA	Prov. Sum	1		
312.08	Handling costs and charges for the Contractor on item B12.07	%	R20 000		
312.09	Provision of hire of Operators by the Contractor for the Department	Prov. Sum	1		
312.10	Handling costs and charges for the Contractor on item B12.09	%	R5 000		
312.11	Provision of Contract Management to Household Contractors	Month	36		
	within the LMA				
12.12	Installation of Contract Name Boards	No.	5		

ARRIE	FORWARD TO SUMMARY :				

ГЕМ НО	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL				
	OBLIGATIONS				
3.01	The contractor's general obligations:				
	(b) Value-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	%	R 3 000 000		
	(ii) R2.0 - R4.0 mil	%	R 6 000 000		
	(iii) R4.0mil - R6.0 mil (iv) Greater than R6.0 mil	%	R 11 000 000 R 14 000 000		
	(iv) Greater than No. 9 min	70	11 11 000 000		
	(c) Time-related obligations for works assignments ranging between:				
	(i) R0 - R2.0 mil	Month	3		
	(ii) R2.0 - R4.0 mil (iii) R4.0mil - R6.0 mil	Month Month	3 12		
	(iv) Greater than R6.0 mil	Month	12		
		***************************************	***************************************		
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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
700	CLEARING AND GRUBBING				
317.01	Clearing and grubbing	ha	66		
	Removal and grubbing of large trees and tree stumps:				
	(a) Girth exceeding 0,5m up to and including 1m	No No	50		
	(b) Girth exceeding 1m up to and including 2m	No	220 44		
	(c) Girth exceeding 2m up to and including 3m	No	44		
17,04	Clearing and grubbing at inlets and outlets of hydraulic structures	m²	10800		
317.05	Cleaning out of hydraulic structures				
	(a) Pipes with an internal diameter up to and including 750mm	m³	1080		
	(b) Pipes with an internal diameter exceeding 750mm	m³	108		
	(c) Box culverts up to and including 1.5m internal vertical dimension	m³	108		
317.08	Removal of undesirable vegetation	m²	66000		
247.00	Chandding of constation and the state	2	00.0		
317.09	Shredding of vegetation cuttings in situ	m³	66,0		
17/16.02	Overhaul on material hauled in excess of 1.0km (ordinary				
	overhaul)	m³-km	660		
317.10	Clearing and grubbing narrow strips	m²	100		

CONTRAC	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1800	COLLECTION AND REMOVAL OF DEBRIS AND LITTER				
18.01	Clearing of the road reserve				
	(a) Trunk and Main roads (30m wide road reserve)	km	1320		
	(b) District roads (25m wide road reserve)	km	1320		
318.02	Replacing of damaged facilities				
	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.03	Treatment of existing concrete rest area furniture				
710.03	(a) Litter containers	No	9		
	(b) Tables	No	35		
	(c) Benches	No	9		
318.04	Treatment of existing concrete bridge balustrades (a) Balustrades	m²	810		
	(a) Builderiados		0.0		
318.05	Cleaning of Rest Areas as well as removal of litter				
	(a) Within 50km from main Site Camp	No	9		
	(b) Between 50 km and 150 km from main Site Camp	No	9		
	(c) Further than 150 km from main Site Camp	No	9		

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	FORWARD TO SUMMARY	1			

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1900	DAYWORKS (PROVISIONAL)				
19.01	Personnel during normal working hours				
19.01	reisonnei during normal working nours				
	(a) Unskilled labour	hr	40		
	(b) Semi-skilled labour	hr	10		
	(c) Skilled labour	hr	10		-
	(d) Ganger	hr	10		
	(e) Flagman	hr	20		
19.02	Plant				
10.02	(a) Flat bed truck (specify size)	hr	9		
	(b) Tipper Trucks - 3 to 5 ton capacity	hr	150		
	(c) Tipper Trucks - more than 5 ton	hr	18		
	(d) Loader (0.5m³) bucket	hr	9		
	(e) TLB (digger loader)	hr	150		
	(f) Excavator (20-30 ton)	hr	9		
	(g) Grader (AT 140 G or similar)	hr	18		
	(h) Compactor (Bomag 90 or similar)	hr	9		
	(i) Water truck (11000 liter)	hr	9		
	(j) Dozer (D7 or similar))	hr	9		
	(k) Mechanical broom	hr	9		
	(I) Tractor-trailor combination (43kw, 3 ton minimum)	hr	9		
	(m) Suitable truck/but for transporting labourers (30 people minimum)	hr	9		
	(n) Safety vehicle for pre-marking purposes	hr	9		
	(o) Compressor (air) including hose and tools (specify)	hr	9		
	(p) Dewatering pump including generators and accessories (specify size	hr	9		
	(q) Mobile electric welding sets and accessories (specify size)	hr	9		
	(r) Cutting torch with mobile electic & oxy aceylene installation	hr	9		
	(s) Mobile concrete mixer	hr	9		
	(t) Light delivery vehicle	hr	40		
	(u) Centre-mount crane (specify size)	hr	9		
	(v) Low bed truck (specify size) (w) Other Specify	km hr	500		
	(w) Other Specify	111			
19.03	Materials				
	(a) Procurement of materials	Prov Sum	1		
	(b) Contractor's handling costs, profit and all other charges in respect				
	of subitem B19.03(a)	%	100000		

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	CT NO SCMU10-24/25-0004 (A-F)	LINDT	OHANTITY	DATE	AMOUNT
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0400	DD ANNO				
2100	DRAINS				
B21.01	Excavation of open drains				
	(a) Excavating soft material situated within the following depth ranges				
	below the surface level				
	(i) 0m up to 1,5m	m³	2700		
	(b) Extra over subitem B21.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
B21.02	Clearing and shaping existing open drains	m³	1080		
21,05	Banks and dykes	m³	-		Rate Onl
04.45	Overhead for material haded in average of 4 0km free had	3 Ican	422		
21,15	Overhaul for material hauled in excess of 1,0km free-haul (normal overhaul)	m³-km	432		
21,16	Backfilling existing eroded side drains	m³	200		
21 17	Tost flushing of nine subsell drains	No	2		
21,17	Test flushing of pipe subsoil drains	INO	2		
B21.18	Clearing of concrete drainage channels				
	(a) Side drains, median drains and the like	m²	8800		
	(c) Other drains and channels within the following invert ranges				
	(i) less than 1.0m	m²	4400		
	(ii) 1.0m to 2.0m	m²	4400		
21,19	Selected backfill material under concrete-lined side drains				
	compacted to 93% of modified AASHTO density	m³	200		
B21.20	Clearing and shaping side and mitre drains by road grader	m	350		
B21.21	Exposing of existing subsoil drains	m³	5		
	, , , , , , , , , , , , , , , , , , ,				
B21.22	Clearing of subsoil drains	m	500		
B21.03	Excavation in all material for subsurface drains				
2200	(i) Om up to 1.5m	m³	100		
B21.04	Impermeable backfill to subsoil drainage system	m³	150		
B21.06	Natural permeable backfill (19mm Crushed stone) from approved	m³	150		
D21.00	sources on site	1116	150		
B21.07	Coarse sand from approved sources on site	m³	50		
B21.08	Pipes in subsoil drainage systems:				
	(a) Perforated pitchfibre pipe (150mm) (b) Non perforated pitchfibre pipe (150mm)	m m	500		
	(b) Non pendrated pitchilbre pipe (150mm)	m	300		
B21.10	Grade 2 Geotextile	m²	750		
B21.12	Concrete outlet structures				
JE 1.14	(a) Outlet structures	No	10		
	7	110	10		
		<u> </u>			

CONTRA ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
. LIVI NO	DESCRIPTION	ONLI	QUANTIT	KAIE	AWOUNT
200	PREFABRICATED CULVERTS				
2,01	Excavation				
	(a) Excavating soft material situated within the following depth ranges below the level surface level				
	(i) Om up to 1,5m	m³	30		
	(ii) Exceeding 1,5m and up to 3,0m	m³	10		
	(b) Extra over subitem 22.01(a) for excavation in hard material,				
	irrespective of depth	m³	5		
2,02	Backfilling				
	(a) Using the excavated material (b) Using imported selected material	m³ m³	30 10		
	(c) Extra over subitem 22.02(a) and (b) for soil cement backfilling	m³	10		
	(a) 2244 and cashem 22102(a) and (b) 101 con combine sacriming				
2,03	Concrete pipe culvert				
	(c) On Class B bedding				
	(i) 600 mm dia class 100D	m	0		
	(ii) 900 mm dia class 100D	m	30		
2,05	Portal and rectangular culverte	-			
۷,00	Portal and rectangular culverts (a) complete with prefabricated floor slab	+			
	(i) 1200x1200 class 150S or equivalent	m	100		
	(ii) 1500x1500 class 150S or equivalent	m	100	***************************************	
	(iii) 1800x1800 class 150S or equivalent	m	100		
	(iv) 2100x2100 class 150S or equivalent	m	100		
	(v) 2400x2400 class 150S or equivalent	m	100		
		m	100		
2,07	Cast in situ concrete and formwork				
	(a) In Class A bedding, screeds and encasing of pipes, Class 25/19 concrete	m³	10		
	(b) In Floor Slabs for Portal Culverts, Including formwork, joints and class U2	3	200.00		
	surface finish (Class 30/19mm Concrete) (c) In inlet and outlet structures, skewed ends, catchpits, manholes,	m³	300,00		
	thrust and anchor blocks, excluding formwork but including class				
	U2 surface finish (25MPa / 19)	m³	378		
	(d) Formwork for concrete under subitem 22.07(a & c) above	m²	2008		
22,10	Steel reinforcement				
	(b) High tensile steel	t	6,1		
	(c) Welded mesh	kg	6640		
22,13	Removing and re-laying existing pipes		***		
.2,10	(i) 600 mm	m	14		
	M. A.				
2,14	Removing and disposing of existing pipes	m	14		
22,25	Overhaul on excavated material as described, in excess of the	m³-km	40		
	free haul distance of 1.0 km	-			

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			+		

24,01 A (ε (t) (t) (t) (t) (ε (ε (t) (t) (t) (t) (t) (t) (t) (t) (t) (t)	ASPHALT AND CONCRETE BERMS Asphalt berms: a) Placed where there are no guardrails (Cold premix) b) Placed at existing guardrails (Cold premix)	UNIT	QUANTITY	RATE	AMOUNT
4,01 A (ε (t) (t) 4,03 P (ε	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
,01 A (ε (t	Asphalt berms: a) Placed where there are no guardrails (Cold premix)				
(a (b 4,03 P (a	a) Placed where there are no guardrails (Cold premix)		1		
1,03 P					
4,03 P		m	220		
(8		m	220		
(8	Prime and tack coats:				
	a) Prime coat:				
	(i) Under asphalt berms (MC-30 cutback bitumen)	m²	92		
	b) Tack coat	m²	92		
		1	1		1
ARRIED FO					

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	BORROW MATERIALS				
1,01	Excess overburden (provisional)	m³	300		
31,03	Finishing-off borrow areas	ha	0,3		
71,00	i misming on borrow dreas	TIQ.	0,0		
	FORWARD TO SUMMARY :				

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	SELECTIONS, STOCKPILING AND BREAKING-DOWN THE				
	MATERIAL FROM BORROW PITS, CUTTINGS AND EXISTING				
	PAVEMENT LAYERS, AND PLACING AND COMPACTING				
	THE GRAVEL LAYERS			***************************************	
2,01	Providing a crushing and / or screening plant:				
2,01	(a) Single-stage crusher	No	3		
	(a) Single-stage crushel	140	3		
2,02	Re-erecting the crushing and / or screening plant:				
_,	(a) Single-stage crusher	No	1		
	(a) Single stage stabile				
2,03	Crushing and screening:				
	(a) Single-stage crushing (-53)	m³	500		
	(, , , , , , , , , , , , , , , , , , ,				
2,05	Additional normal grid rolling (Normal - min of 4 passes)	m³	200		
2,06	Stockpiling of material (for use by department)	m³	500		

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	CT NO SCMU10-24/25-0004 (A-F)				1
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	MASS EARTHWORKS				
,01	Cut and borrow to fill, including freehaul up to 1,0 km :				
,	(a) Material in compacted layer thickness of 200mm and less :				
	(ii) Compacted to 93% of mod AASHTO	m³	300		
3,03	Extra over item 33.01 for excavating and breaking down				
	materials in :				
	(a) Intermediate Excavation	m³	250		
	(b) Hard Excavation	m³	250		
,04	Cut to spoil, including free haul up to 1.0km. Material obtained				
	from :				***************************************
	(a) Soft excavation	m³	100		
	(b) Intermediate excavation	m³	100		
	(c) Hard Excavation	m³	100		
3/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	1200		

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ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL				
B34.01	Pavement layers constructed from gravel taken from cut or				
	borrow including free haul up to 1,0km				
********************************	(h) Gravel wearing course compacted to				
	(ii) 95% Mod AASHTO density: 150mm layer thickness	m³	1425		
	(iii) 95% Mos AASHTO Density 150mm using crushed material	m³	500		
34,02	Extra over item 34.01 for excavation of material in				
	(a) Intermediate material	m³	500		
34,07	Extra over for temporarily blading the material to windrow	m³	50		
22/1/	Wet bladies				
B34.14	Wet blading (a) 6m road width (riding surface)	km	25		
	(b) 7m road width (riding surface)	km	25		
	(a)				
B34.15	Dry blading				
	(a) 6m road width (riding surface)	km	30		
	(b) 7m road width (riding surface)	km	20		
B34.16	Accessibility grading				
D34.10	(a) 6m road width (riding surface)	km	20		
	(b) 7m road width (riding surface)	km	-		Rate Only
B34.17	Special grading (a) 6m road width (riding surface)	km	-		
	(b) 7m road width (riding surface)	km	5		
	(b) / m road width (numg surface)	KIII	3		
B34.18	Reshaping				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
B34.19	Heavy Maintenance				
	(a) 6m road width (riding surface)	km	5		
	(b) 7m road width (riding surface)	km	5		
D24.20	Consid Patabia a	•	***************************************		
B34.20	Gravel Patching (a) Material from Borrow Pits	m³	500		
	(a) Watcharlion Borrow His		300		
B34.21	Light Road Bed Preparation				
	(a) 6m road width	km	1		
	(b) 7m road width	km	1		
B34.22	Heavy Road Bed Preparation				
D34.22	(a) 6m road width	km	-		Rate Only
	(b) 7m road width	km	1		Trace Only
B34.23	Gravel shoulder repair				
	(a) Ripping, watering, mixing, placing and compacting existing shoulders		000		
	95% Mod AASHTO density (b) Extra over subitem (a) for adding extra material (free haul)	m³ m³	880 220		
	(c) Extra over for subitem (a) for stabilizing material	m³	55		
B34.24	Removal of edge build-up	-			
	(a) Remove material and load for spoil	km	176		
	(b) Remove material and dispose of adjacent to road	km	176		
34/16.02	Overhaul on material hauled in excess of 1,0km (ordinary overhaul)	m³-km	5775		
	Regravelling in short lengths up to 300m	m³	7500		
B34.26	Regravening in short lengths up to soom				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3900	PATCHING AND REPAIRING EDGE BREAKS				
 39,01	Sawing asphalt or cemented pavement layers for patching:				
	(a) Sawing asphalt to an average depth:				
	(i) not exceeding 50mm	m	22000		
	(i) not exceeding somm	111	22000		
	BASE AND SURFACE REPAIR - PO3				
39,02	Excavation in existing pavements for patching in:				
	(a) Asphalt layers	m³	308		
	(b) Cemented layers	m³	-		Rate On
	(c) Crushed stone base course	m³	1320		
339.03	Backfilling of excavations for patching with:				
	(a) Existing Base material stabilized with bituminous emulsion (60% stable-grade	9			
	anionic emulsion @ 3% by mass of compacted base and ordinary cement				
	@ 1% by mass of compacted base), for a patch with surface area:				
	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	264		
	(iii Exceeding 100m²	m ³	396		
	(III Exceeding 10011	111	330		
	(b) G2 Base course material from commercial sources with bituminous				
	emulsion (60% stable-grade anionic emulsion @ 3% by mass of compacted				
	base and ordinary cement @ 1% by mass of compacted base), for a patch				
	with surface area:				
~~~~	(i) Not exceeding 5m ²	m³	132		
	(ii) Exceeding 5m ² but not exceeding 100m ²	m³	198		
	(iii Exceeding 100m²	m³	79		
	(c) G2 Base course material from Commercial Sources				
	(i) Not exceeding 5m ²	m³	20		
	(ii) Exceeding 5m² but not exceeding 100m²	m³	50		
	(iii Exceeding 100m²	m³	80		
	(d) Existing Base material stabilized with ordinary cement 2% by mass				
	for a patch with a surface area:				
	(i) Not exceeding 50m ²	m³	20		
	(ii) Exceeding 50m² but not exceeding 100m²	m ³	50		
	(iii Exceeding 100m² but not exceeding 150m²	m³	50		
	(iv Exceeding 150m²	m³	80		
	(· = according to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the				
B39.06	Tack coat (60% stable grade emulsion)	l	6160		
B39.07	Cold premix (applied 35 mm thick)				
	(a) Not exceeding 50m ²	m²	1760		
	(b) Exceeding 50m² but not exceeding 100m²	m²	2640		
	(c) Exceeding 100m² but not exceeding 150m²	m²	2640		
B39.08	Hot premix (applied 35 mm thick)				
	(a) Not exceeding 5m ²	m²	88		
	(b) Exceeding 5m² but not exceeding 100m²	m²	176		
	(c) Exceeding 100m ²	m²	264		
200.00	T				
B39.09	Temporary pothole repair (Not exceeding 1000mm x 1000mm) using (a) Cold premix	m³	440		
	(b) C4 (stabilised) material	m³	44		
			***************************************		
CADDIE	D FORWARD TO SUMMARY :				

ITEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LIVI IVO	DESCRIPTION	ONIT	QUARTITI	NAIL	AWOON
100	PRIME COAT				
100	FRIME COAT				
1,01	Prime coat:				
	(a) RTH 3/12P or RTL 3/12P tar prime	I	10		
	(b) Quick drying RTH 1/4P tar prime		10		
	(c) MC-30 cut-back bitumen		1000		
	(d) MC-70 cut-back bitumen	1	10		
	(e) Invert bitumen emulsion	I	10		
	(f) MC - 30 SP	I	10		
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	CT NO SCMU10-24/25-0004 (A-F)		+		
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
600	BITUMINOUS SINGLE SEAL WITH SLURRY (CAPE SEAL)				
000	BITOWINGOOD SINGLE SEAL WITH SEGRET (OAI E SEAL)				
6,02	Bituminious single seal with 13.2mm aggregate and slurry:	m²	1000		
6,03	Bituminious binder variations:				
	(c) MC-3000 cut back bitumen		-		Rate On
	(f) Spray grade emulsion (65% bitumen content)	I	-		Rate On
6,04	Aggregate variations:				
	(a) 13.2mm nominal sized aggregate	m³	-		Rate On
6,05	Variation in the rate of application of the slurry:	m³	-		Rate Or
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	CT NO SCMU10-24/25-0004 (A-F)	11507	OHANTITY	DATE	ANGUNT
ГЕМ НО	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	TREATMENT OF AN EXISTING SURFACE				
	EXHIBITING CERTAIN DEFECTS				
	POTHOLE REPAIR - P01				
8 / 39.01	Sawing asphalt or cemented pavement layers for patching				
	(a) Sawing asphalt to an average depth : (provisional sum)				
	(i) not exceeding 50 mm	m	11000		
2/00 00					
8/39.02	Excavation in existing pavements for patching in (c) Bituminous seal layers	m³	154		
8/B39.06	Tack Coat (60% spray grade emulsion)	<u>l</u>	3080		***************************************
8/B39.07	Cold premix 35 mm thick	m²	4400		
	SLACK AND DEPRESSION REPAIR - PO2				
48.04	Screed of asphalt or coarse slurry :				
	(a) Tack coat using 60% anionic emulsion diluted 50/50 with water		400		
	(b) Continuously - graded medium mixture asphalt	t	5		
	(c) Coarse grade slurry	m³	10		
	(d) Chip out 500mm by 35 mm strip	m²	200		
	CRACK SEALING - PO4				
8,06	Cleaning the cracks with compressed air	km	5		
8,07	Applying bituminous binders and herbicides for sealing cracks:				
	(a) Herbicide	l	500		
348.14	Geotextile seal bandage  (a) Cracks and joints - 200 mm wide geotextile strip	m	100		
	(b) Cracked areas - geotextile		100		
	(i) Not exceeding 50m ²	m²	100		
	(ii) Exceeding 50m² but not exceeding 100m²	m²	200		
	(iii Exceeding 100m² but not exceeding 150m² (iv Exceeding 150m²	m² m²	300 400		***************************************
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
348.15	Crack sealing using Method 1 (sealant and crusher dust)	l	500		
	EDGE REPAIRS - PO5				
8/39.05	Cutting back the edges of the existing surface for repairing of		4400		
	edge breaks ( avg depth = 80 mm )	m	4400		
48.05	Repairing edge breaks in surfacing				
	(a) Tack coat - 60% Anionic spray grade emulsion diluted 50/50 with water	I	924		
	(c) Reconstructing edges using cold premix	t	95		
	SLURRY SEAL TREATMENT - PO6				
	Santa Interniment - 1 00				
48.03	Slurry seal				
	(a) Tack coat using 30% bitumen emulsion (b) Slurry applied by hand (coarse grade slurry)	I	25256		
	(i) Not exceeding 50m ²	m²	880		
	(ii) Exceeding 50m² but not exceeding 100m²				
		m²	4400		
	(iii Exceeding 100m² but not exceeding 150m²	m²	8800		
	(iv Exceeding 150m²	m²	22000		

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	PITCHING, STONEWORK AND PROTECTION AGAINST EROSION				
1 04	Chang withhim				
1,01	Stone pitching (b) Grouted stone pitching (Max 300mm width)	m²	100		
	(c) Grouted stone pitching on a concrete bed	m²	100		
		***************************************			
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٨٥٥١٢٥	FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
200	GABIONS				
.,01	Foundation trench excavation and backfilling:				
	(b) In all other classes of materials	m³	250		
2,02	Conference was resident for boalding the making	2	100		
2,02	Surface preparation for bedding the gabions	m²	100		
2,03	Gabions				
	(a) 1,0m wide by 1,0m wide				
	(i) by 1,0m long mesh 80mm	m³	400		
	(c) Galvanised gabion mattresses				
	(i) 0,6m diaphragm spacing, 6,0m long by 2,0m wide.				
	by 0,3m deep mesh 80mm	m³	300		
2,04	Filter fabric				
2,04	(a) Grade 2 Bidum or similar approved (Needlepunch type)	m²	5000		
352.05	Dismantle and remove gabion structures	m³	50		
~~~~					

	CT NO SCMU10-24/25-0004 (A-F)				
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
400	GUARDRAILS				
4,01	Guardrails on timber posts:				
	(a) Galvanised	m	800		
4,03	Extra over items 54.01 for horizontally curved guardrails factory				
1,00	bent to a radius less than 45m	m	20		
4,04	End treatments:				
	(d) End treatments in accordance with the drawings where single guardrail sections are used	No	2		
54,05	Additional guardrail posts:	Na	20		
	(a) Timber	No	20		
4,06	Reflective plates				
***************************************	(a) Red and white reflectors on new guardrails	No	100		
	(b) Red and white reflectors on existing guardrails	No	100		
54,07	Removing existing guardrails	m	750		
354.08	Renovating guardrail material:				
	(a) Straightening of Guardrails (rolling) (c) Cleaning and painting	m m	200		
	(c) Cleaning and painting		200		
4,09	Re-erection of guardrails with recovered and / or new material:				
	(a) Single guardrail	m	200		
54,11	New material required for the re-erection of guardrails with				
	recovered material:				
	(b) Timber Posts	No	50		
	(d) Reflective plates	No	500		
	(e) Spacer blocks	No No	200		
	(f) Splice bolt complete with nut and washer	No	500		
	(g) Post bolt complete with nut and washer (h) Reinforcing plates	No No	500		
	(ii) Reinforcing plates	INU	2		
54,12	Extra over item 54.01 for drilling and blasting holes				
	for guardrail posts	No	5		
54,13	Steel base plates for timber guardrail posts on structures	No	5		
, 1, 10	Steel Sace Plates for times, guardian poots on or astaros				
354.14	Adjusting spacer blocks and tightening bolts	No	100		
	I FORWARD TO SUMMARY	1			

	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontolling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
			-		
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	CT NO SCMU10-24/25-0004 (A-F)	1			
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	FENCING (emergency repairs)				
55,01	Clearing the fence line, 2m wide strip	km	15		
	Supply and erect new fencing material for new fences and for				
	supplementing material in existing fences which are being repaired or				
	removed:				
	(a) Zinc-coated barbed wire (Mild steel grade ,double stranded, uni-directional twist	km	60		
	wire, 2.5mm diameter)				
	(b) Zinc-coated smooth wire (High-tensile-grade steel 2.24mm diameter)	km	45		
	(g) Standards (2.5kg/m "y" sections, 1850mm, steel)	No	450		
	(h) Droppers (1400mm x 0.56kg/m steel)	No	1500		
	(i) Straining posts, stays and anchors:				
	(i) Vertical:				
	- Steel straining posts (2130mm x 100 mm dia. x 2mm mild steel tubing with				
	steel cap and 230 x 230 x 2 base plate fully galvanised.)	No	225		
	- Timber straining posts (150mm diameter)	No	225		
	(ii) Inclined:				
	- Steel straining posts (2130mm x 50 mm dia. x 2mm mild steel tubing)	No	75		
	(iii Horizontal:				
	- Timber stays as anchors (125mm diameter)	No	150		
	(j) Dipping of wire in yellow paint	km	15		
355.03	New gates				
	(a) Farm gates as per drawings	No	30		
	(b) Pedestrian gates as per drawings	No	30		
	(b) I sassifian galos as por drawings	110	- 00		
DEE OE	Diamontolling evicting fences				
355.05	Dismantelling existing fences:				
	(a) Fences:				
***************************************	(i) Stock Proof Fences	km	8		
	(b) Gates	No	45		
5,07	Ringbolts for anchoring fencing to structures	No	15		
355.10	Trimming the fence line, 2m wide strip	km	8		
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	ACT NO SCMU10-24/25-0004 (A-F)		OHANT:TX	B.T.	*****
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
500	ROAD SIGNS				
56.01	Road sign boards complete with supports with Class 1				
	retro-reflective background. Symbols and lettering in semi matt				
	black. Boarders in Class 1 retro- reflective material, where the				
	signboard is constructed from :				
	(c) Prepainted galvinised steel plate (1.2mm chromadek or				
	approved equivalent)				
	(i) 900mm diameter Round or Stop signs:				
	- R1	No.	1		
	- R 201 (60)	No.	2		
	(ii) 900mm Triangular signs:				
	- W101	No.	2		
	- W104	No.	2		
	- W107 - W108	No.	2 2		
	- W108	No.	2		
	- W350	No.	2		
	(iii) 900mm Triangular Combination signs				
	- WCE. 2 (W208 + for 5km)	No.	1		
	(iv) 150mm x 600mm Hazard Marker Signs				
***************************************	- W401	No.	30		
	- W402	No.	30		
	(v) 450mm x 450mm Hazard Marker Signs				
	- W405	No.	30		
	- W406	No.	30		
6,03	Road sign supports:				
,0,00	(b) Timber				
	(i) 75mm diameter	m	100		
	(ii) 100mm diameter	m	100		
356.04	Kilometer Posts				
	(a) Painting existing kilometer posts	No.	30		
***************************************	(b) Supply and install new kilometer posts complete	No.	5		
66,05	Excavation and backfilling for road sign supports:	***************************************			
.0,00	(a) Excavation for sign supports	m³	20		
6,06	Extra over item 56.05 for cement treated backfill:				
	(a) With soilcrete	m³	10		

CONTRA ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD MARKINGS				
57,02	Retro-reflective road-marking paint:				
	(a) White lines				
	(i) 100mm wide solid	km	220		
	(ii) 100mm wide broken	km	147		
	(iii 100mm wide solid (Wet Reflective Tape Series 380 WR ES or similar approved	km	-		Rate Only
	(iv 100mm wide broken (Wet Reflective Tape Series 380 WR ES or	KIII	-		Kale Only
	similar approved	km	-		Rate Only
	(b) Yellow lines				
	(i) 150mm wide solid	km	5		
	(d) White lettering and symbols	m²	100		
	(e) Yellow lettering and symbols	m²	50		
B57.08	"Glowline" or similar approved Retro-reflective cementitious road marking	m²	_		Rate Only
	compound				
57,04	Variations in rate of application:				
,	(a) White paint	<u>I</u>	-		Rate Only
	(b) Yellow paint	ı	-		Rate Only
	(d) Retro-reflective beads	ı	-		Rate Only
	(e) "Glowline" compound	I	-		Rate Only
57,05	Roadstuds (Rhino Yellow/Red or similar approved)	No	150		
01,00	readstade (Killine Follow) (Call Call Call Call Call Call Call Cal	110	100		
57,06	Setting out and premarking the lines (excluding traffic island				
	markings, lettering and symbols)	km	367		
57,08	Removal of existing, temporary and permanent road markings by:	2	400		
	(a) Sandblasting	m²	100		
57,09	Removal of existing roadstuds	No	100		
B57.09	Supply and lay "Vuka" bumps (or similar approved) as per Manufacturer's specifications, inclusive of fitment complete	No	50		
	Manufacturer's specifications, inclusive of fitment complete				***************************************

CARRIEI	D FORWARD TO SUMMARY				

TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
					7
	FINISHING THE ROAD AND ROAD RESERVE AND TREATING				
	OLD ROADS				
9.01	Finishing road and road reserve				
	a) 0 to 15 degrees	ha	1		
	b) 15 to 30 degrees	ha	1		
	c) 30 to 45 degrees		1		
	c) 30 to 45 degrees	ha	1		
		~			

	CT NO SCMU10-24/25-0004 (A-F)	T			
EM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
00	FOUNDATIONS FOR STRUCTURES				
1,02	Excavation:				
	(a) Excavating soft material situated with the following successive				
	depth ranges:				
	(i) 0m up to 2m	m³	10		
	(b) Extra over sub-item 61.02(a) for excavation in hard material irrespective of depth	m³	2		
	in copedate of depart				
1,04	Backfill to excavations utilising:				
	(a) Material from the excavation	m³	8		
1,08	Foundation fill consisting of				
	(d) Mass concrete (Class 15 MPa)	m³	5		
			-		
	FORWARD TO SUMMARY	•			

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
EIWI INO	DESCRIPTION	ONII	QUANTITY	RAIE	AWOON
:00	FALSEWORK, FORMWORK AND CONCRETE FINISH				
2,01	Formwork to provide class F2 surface finish				
	to concrete lined causeways	m²	350		
	Vertical formwork to provide class F2 surface finish to concrete lined causeways	m²	350		
	to concrete linea causeways		330		

ITEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
300	STEEL REINFORCING FOR STRUCTURES				
3,01	Steel reinforcement for:				
	(a) Concrete-lined causeways				
	(i) Welded steel fabric (Mesh Ref 395)	kg	1200		

CARRIFE	D FORWARD TO SUMMARY				

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	CONCRETE FOR STRUCTURES				
4,01	Cast in situ concrete				
	(a) Class 25 /19	m³	80		
64,04	Epoxy bonding of new concrete surfaces to old	m²	12		
64,06	Demolishing existing concrete:				
	(b) Reinforced concrete in (i) Causeways	m³	15		

) FORWARD TO SUMMARY		1		

	CT NO SCMU10-24/25-0004 (A-F)	1.50-	0114517	B. T. T.	A1401111-
TEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
100	TESTING WORKMANSHIP AND MATERIALS				
7100	TEOTING WOMMINGHII AND MATERIAES				
	Other special tests requested by the engineer, including acceptance	Prov.sum	1	40 000,00	40 000,00
	control by an external laboratory				
31,03	Handling costs and profit in respect of 81.02	%	40000,00		
31,00	Transming costs and profit in respect of 01.02	70	40000,00		

TEM NO	CT NO SCMU10-24/25-0004 (A-F) DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
IVI IVO	DESCRIPTION	J. 1111	SOAHIII (MAIE	AMOUNT
100	CONTROLLING VEGETATION GROWTH - MOWING AND CUTTING	***************************************			
91.01	Mowing the grass				
	(a) Shoulder mowing				
	(ii) Reserve with single carriageway, 3m wide strip on either side.	km	2640		
	(iii Reserve with single carriageway, fenceline to fenceline. (11.5m wide	km	5		
	strip on either side of the road)				
391.02	Cutting of designated areas				
	(a) Road signs, reference marker boards, guardrails etc	m²	5000		
	(b) Dangerous areas at intersections	m²	2000		
	(c) Sight triangle at intersections	m²	2000		

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·APPIER	D FORWARD TO SUMMARY :				

TEM NO	CT NO SCMU10-24/25-0004 (A-F)  DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
0300	EMERGENCY MAINTENANCE				
3103.01	Contractor's mark-up for emergency maintenance	%	50000		
***************************************					
***************************************					
	FORWARD TO SUMMARY				+

	T NO SCMU10-24/25-0004 (A-F)				
ГЕМ NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2000	Environmental Management Programme (EMPR)				
1200.01	Contractor's compliance with EMPR	Month	36		
***************************************					

CONTRA	CT NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
313000	Occupational Health & Safety:				
313001	Preparation of Contractor's site specific Health and Safety Plan	Lump sum	1		
	Principal Contractor's initial obligations in respect of the OHS Act and Construction Regulations	Lump sum	1		
	and construction regulations	Lump sum			
	Principal Contractor's time related obligations in respect of the		00		
	OHS Act and Construction Regulations	Month	36		
313004	Provision for Personal Protective Equipment & Protective Clothin	g			
	(i) Reflective vests (ii) Reflective bibs	No No	20 20		
	(iii) Hard hats	No	20		
	(iv) Protective foot wear	No	20		
	(v) Earplugs (vi) Dust masks	No No	20		
	() = doi maono	140	20		
313005	Provision of full time Construction Health and Safety Officer	Month	36		
313006	Costs of medical certificates and Medical Surveillance				
	(i) Initial (baseline) medical examinations	No	20		
	(ii) Exit examinations	No	20		
313007	Induction Training	No	20		
313008	Environmental Monitoring	No tests	1		
313009	Noise Monitoring	No	1		
240040	Power of the Health O. Cofe to accompany to the control of				
313010	Payment for Health & Safety representatives at meetings	Lump sum	1		
313011	Provision of First Aid boxes	Lump sum	3		
313012	Transportation of Workers	Month	36		
	Transportation of Worker	William	00	***************************************	
313013	Submission of the Health and Safety File	Lump sum	1		
***************************************					
Page 1					
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:ARRIFC	FORWARD TO SUMMARY				

	T NO SCMU10-24/25-0004 (A-F)				
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
15000	ME MANAGEMENT &TRAINING OF LOCAL LABOUR				
B15007	<u>Training of Local Labour</u>				
	-				
	Conducting of skills audit of Local Labour and the development of a Training Plan	Prov Sum	1	10 000,00	10 000,00
B150071a	Handling costs and charges for the Contractor on Item B15007.1	%	10 000,00		
B15007.2	Presenting Accredited training courses for Local Labour	Prov Sum	1	50 000,00	50 000,00
B15007.3	Mark Up for Management of ME's	%	13 500 000,00		
B15007.4	Provision of bridging finance to ME's (only CIDB 1 & 2)	%	1 350 000,00		
B15007.4	Provisional Sum for Variance to Tender Rates of MEs	Prov Sum	1	1 350 000,00	1 350 000,00
		•			
CARRIED	FORWARD TO SUMMARY :				

# PROVINCE OF THE EASTERN CAPE

## **DEPARTMENT OF TRANSPORT**

# TENDER NO. SCMU10-24/25-0004F

# MAINTENANCE WORKS IN NELSON MANDELA BAY

Section 1200	General Requirements and Provisions	R
Section 1300	Preliminary and General	R
Section 1400	Housing and Offices for Engineer's Personnel	R
Section 1700	Clearing and Grubbing	R
Section 1800	Collection and Removal of Debris and Litter	R
Section 1900	Dayworks (Provisional)	R
Section 2100	Drains	R
Section 2200	Prefabricated Culverts	R
Section 2400	Asphalt and Concrete Berms	R
Section 3100	Borrow Materials	R
Section 3200	Selections, Stockpiling and Breaking Down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	R
Section 3300	Mass Earthworks	R
Section 3400	Pavement Layers of Gravel Material	R
Section 3900	Patching and Repairing Edge Breaks	R
Section 4100	Prime Coat	R
Section 4600	Bituminous Single Seal with Slurry (Cape Seal)	R
Section 4800	Treatment of an Existing Surface	R
Section 5100	Pitching, Stonework and Protection against Erosion	R
Section 5200	Gabions	R
Section 5400	Guardrails	R
Section 5500	Fencing	R
Section 5600	Road Signs	R
Section 5700	Road Markings	R
Section 5900 and Treating C	Finishing the Roads and Road Reserve Old Roads	R
Section 6100	Foundations for Structures	R
Section 6200	Falsework, Formwork and Concrete Finish	R
Section 6300	Steel Reinforcing for Structures	R
Section 6400	Concrete for Structures	R
Section 8100	Testing Workmanship and Materials	
		-

Section 9100	Controlling Vegetation Growth – Mowing and Cutting	R
Section 10300	Emergency Maintenance	R
Section 12000	Environmental Management Programme Implementation	R
Section 13000	Occupation Health & Safety	R
Section 15000	ME Management and Training of Local Labour	R
TOTAL		R
NETT TOTAL	OF TENDER	R
ALLOW 15% F	OR ESCALATION	R
SUB TOTAL		R
ALLOW 15% V	ALUE ADDED TAX	R
TOTAL AMOU	NT FOR EVALUATION SCORING PURPOSES	₹

THE CONTRACT  $\underline{\mathsf{IS}}$  SUBJECT TO CONTRACT PRICE ADJUSTMENT.