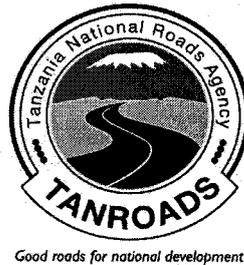


THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WORKS, TRANSPORT AND COMMUNICATION



MULTINATIONAL: TANZANIA/BURUNDI: RUMONGE – GITAZA (45 KM) AND KABINGO – KASULU - MANYOVU (260.6 KM) ROAD UPGRADING PROJECT

UPGRADING OF KABINGO – KASULU- MANYOVU (260.6 KM) ROAD TO BITUMEN STANDARD,
LOT 2: KANYANI JUNCTION – MVUGWE SECTION (70.0 KM)

TENDER NO. AE/001/2018-19/HQ/W/103

Addendum No. 1 to the Bidding Documents

Date: 4th June 2019

Addendum No. 1 to the Bidding Documents is issued in accordance with Instructions to Bidders, Clause 8 to effect changes to the Bidding Documents.

Item No. 1

VOLUME 1A
Section II: Bid Data Sheet

ITB 14.8:

Replace

“Goods and Services to be procured wholly and exclusively for the purpose of execution of the Project may be exempted from taxes and duties in accordance with applicable laws of the United Republic of Tanzania.

Information on the Contractor's tax liabilities in the Client's country can be found from;

The Commissioner General,
Tanzania Revenue Authority (TRA),
TRA Headquarters Building,
Third Floor,
28 Edward Sokoine Drive,
11105 Mchafukoge, Ilala CBD,
P. O. Box 11491,
Dar Es Salaam.
Telephone: +255 22 2119591-4
Fax: +255 22 212 8593/6908”

Email: info@tra.go.tz
website: www.tra.go.tz"

With

"Goods and Services to be procured wholly and exclusively for the purpose of execution of the Project including Contractor's Equipment and essential spare parts thereof, imported by the Contactor for the sole purpose of executing the contract, may be exempted from taxes and duties in accordance with applicable laws of Tanzania.

Hence, the rates and prices and the total Bid Price submitted by the Bidder should include all duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, except taxes and duties for goods and services procured wholly and exclusively for the purpose of execution of the Project and Contractor's Equipment and essential spare parts thereof, imported by the Contactor for the sole purpose of executing the contract, which have been exempted under the applicable laws of Tanzania, as of the date 28 days prior to the deadline for submission of bids.

Bidders should contact the Tanzania Revenue Authority (TRA) for information on taxes and duties for goods and services, and equipment and spare parts thereof, which have been exempted.

Information on the Contractor's tax liabilities in the Client's country can be found from;

**The Commissioner General,
Tanzania Revenue Authority (TRA),
TRA Headquarters Building,
Third Floor,
28 Edward Sokoine Drive,
11105 Mchafukoge, Ilala CBD,
P. O. Box 11491,
Dar Es Salaam.
Telephone: +255 22 2119591-4
Fax: +255 22 212 8593/6908
Email: info@tra.go.tz
website: www.tra.go.tz"**

Item No. 2.

Section VIII, Particular Conditions
Part B – Specific Provisions
Page VIII-11

Replace:

The Contrat Price	14.1.1 (e)	Notwithstanding the provisions of subparagraph (b), Goods and Services to be procured wholly and exclusively for the purpose of execution of the Project may be exempted from taxes and duties in accordance with applicable laws of the United Republic of Tanzania.
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With:

The Contrat Price	GC Clause 14.1	<i>Replace Sub-Clause 14.1.1 (b) with the following:</i> <i>The Contractor shall pay all taxes, duties, fees, levies and royalties required to be paid by him under the Contract <u>except</u> taxes and duties for goods and services procured wholly and exclusively for the purpose of execution of the Project and Contractor's Equipment and essential spare parts thereof, imported by the Contactor for the sole purpose of executing the contract, and which have been exempted under the applicable laws of Tanzania, and the Contract</i>
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		<p>Price shall not be adjusted for any of these costs except as stated in GC Clause 13.7 [Adjustments for Changes in Legislation].</p> <p>Sub-Clause 14.1.1 (e) is not applicable.</p>
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Item No. 3

VOLUME 1A
SECTION IV: BIDDING FORMS

BOQ

Page IV-20

BILL 2000: DRAINAGE

SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS

Item 23.05 "(a) Outlet structure for concrete lined side drain" is amended to read:
"(a) Drop inlet structure for concrete lined side drain"

The amendment is reflected in the revised BOQ page attached herewith as Attachment 1 of **Addendum No. 1**. Hence, Bidders should replace the original page with the revised page.

Item No. 4

VOLUME 1A
SECTION IV: BIDDING FORMS

BOQ

Page IV-25

BILL 2000: BITUMINOUS LAYERS AND SEALS

SECTION 4200: BITUMINOUS BASE COURSE AND ASPHALT CONCRETE SURFACING

Item 42.02 "a) Asphalt concrete surfacing (Super pave type 12.5 with PG 70 – 10 binders) compacted thickness 50mm for carriageway" is amended to read:

"a) Asphalt concrete surfacing (Superpave type SP 12.5 with PG 70 – 10 binders) compacted thickness 50mm for carriageway and shoulders"

The amendment is reflected in the revised BOQ page attached herewith as Attachment 2 of **Addendum No. 1**. Hence, Bidders should replace the original page with the revised page.

Item No. 5

VOLUME 1A
SECTION IV: BIDDING FORMS

BOQ

Page IV-21

BILL 2000: DRAINAGE

SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS

Item 23.08 "(a) Cast in situ concrete lining for concrete side drain (class 20/20) 100mm thick including welded mesh" is amended to read "(a) Cast in-situ concrete lining for concrete side drain (class 20/20) 100mm thick including reinforcements as per Drawing No. NKM-EKE-DD-DR-D-00403"

The amendment is reflected in the revised BOQ page attached herewith as Attachment 3 of **Addendum No. 1**. Hence, Bidders should replace the original page with the revised page.

Item No. 6

VOLUME 1A

SECTION IV: BIDDING FORMS

BOQ

Page IV-33

BILL 6000B: STRUCTURES (BRIDGES)

SECTION 6600 NO-FINES CONCRETE, JOINTS, BEARINGS, PARAPETS AND DRAINAGE FOR STRUCTURES

Item 66.26B "Provide 75x75x8mm Equal Angle edge protection complete with 12mm mild steel rod anchors @ 1000mm c/c at expansion joints" is amended to read " Provide 75x75x8mm Equal Angle edge protection complete with 10mm mild steel rod anchors @ 600mm c/c at expansion joints"
The amendment is reflected in the revised BOQ page attached herewith as Attachment 4 of **Addendum No. 1**. Hence, Bidders should replace the original page with the revised page.

Item No. 7.

Section II: Bid Data Sheet

Pages II-iv to II-v:

<p>ITB 22.1</p> <p>Replace: "Date: 9th May 2019 Time: 10:00 hours local time"</p> <p>With: "Date: 3rd July 2019 Time: 10:00 hours local time"</p>
<p>ITB 25.1</p> <p>Replace: "Date: 9th May 2019 Time: Immediately after the deadline for bid submission."</p> <p>With: "Date: 3rd July 2019 Time: Immediately after the deadline for bid submission."</p>

Item No. 8.

VOLUME 1A

Section IV: Bidding Forms

Page IV-45

(i) Replace the Form of Tender Security (Bank Guarantee) with the form attached herewith as Attachment 5 of **Addendum No. 1**.

(ii) In the paragraph starting with the words "This guarantee will expire: (a) if the Bidder is", Bidders are allowed to insert a specific date under item (ii) to replace the words "twenty-eight days after the expiration of the Bidder's bid", if they wish. However, the date to be inserted must be 148 days from the deadline of submission of tenders.

Item No. 9

VOLUME 1A

SECTION IV: BIDDING FORMS

BOQ

Page IV-20

BILL 2000: DRAINAGE

SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS

Item 23.01 "(a) Precast, 180x280 concrete class 20/20 kerb as shown on drawing RD/KC/2/01 **for drainage control kerbs**" is amended to read:

"(a) Precast, 180x380 concrete class 25/20 kerb **for drainage control kerbs**"

Item 23.01 "(b) Precast, 180x280 concrete class 20/20 kerb as shown on drawing RD/KC/2/01 **to traffic islands, roundabouts, busbays etc**" is amended to read:

"(b) Precast, 180x380 concrete class 25/20 kerb **to traffic islands, roundabouts, busbays etc**"

The amendment is reflected in the revised BOQ page referred to above under **Item No. 3**.

Item No. 10

VOLUME 1A

SECTION VIII: Particular Conditions (PC)

Part A Contract Data.

Page VIII-5

Clause 14.5.3(c)(i)

Add "Bitumen" to the list of Plant and Materials for payment when delivered to the site.

The amendment is reflected in the revised page attached herewith as Attachment 6 of **Addendum No. 1**. Hence, Bidders should replace the original page with the revised page.

Item No. 11

VOLUME 1A

Section III: Evaluation and Qualification Criteria

Pages III-10 to III-13: The requirements on Key Activities is hereby amended for consistency with other lots. Hence replace the pages with those attached as Attachment 7 of **Addendum No. 1**

Item No. 12

VOLUME 1A

SECTION IV: BIDDING FORMS

BOQ

Page IV-20

BILL 2000: DRAINAGE

SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS

Item 23.06 "(a) Concrete slabs for crossing side drains (class 20/20) with class U2 surface finish" is amended to read:

"(a) Concrete slabs for crossing side drains (class 25/20) with class U2 surface finish"

The amendment is reflected in the revised BOQ page referred to above under **Item No. 3**.

Item No. 13

VOLUME 1A

SECTION IV: BIDDING FORMS

BOQ

Page IV-12

LOT 2: GRAND SUMMARY OF BILL OF QUANTITIES

Replace the Lot 2 BOQ Grand Summary page in the hardcopy with that attached herewith as Attachment 8 of Addendum No. 1.

The following additional amendment to the Bidding Documents applies:

Item No. 14

VOLUME 1A

Section II: Bid Data Sheet

ITB 7.1:

Replace

"Requests for clarifications should be received by the Employer no later than **21 days**, prior to the deadline for submission of Bids."

With

"Requests for clarifications should be received by the Employer no later than **14 days**, prior to the deadline for submission of Bids."

ATTACHMENTS TO ADDENDUM NO. 1

**[LOT 2: KANYANI JUNCTION - MVUGWE SECTION (70.5 KM)
TENDER NO. AE/001/2018-19/HQ/W/103]**

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

Attachment 1 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/Z 18-19/HQ/W/103

BILL No. 2000: DRAINAGE

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (TZS)	AMOUNT (TZS)
	Brought Forward				
22.23	Service Ducts:				
	(ii) 300 mm dia PVC class PN4	m	450		
22.24	Duct marker blocks as shown on drawing	No.	40		
<u>SECTION 2300: CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS</u>					
	-				
23.01	Concrete kerbing: (with class 20/20 concrete - complete with concrete class 15/20 haunching, foundation (bedding), mortar as specified).				
	(a) Precast, 180x380 concrete class 25/20 kerb as shown on drawing RD/KC/2/01 for drainage control kerbs	m	24,544		
	(b) Precast, 180x380 concrete class 25/20 kerb as shown on drawing RD/KC/2/01 for kerbs to traffic islands, roundabouts, busbays etc	m	3,250		
23.03	Concrete chutes (typical designs):				
	() Prefabricated down chutes at high fills	m	500		
23.05	Inlet, outlet, transition and similar structures (typical designs):				
	(a) Drop inlet structure for concrete lined side drain	No	150		
	(b) Outlet structure for concrete down chute at high fills	No	100		
	(c) Inlet structure for concrete down chutes at high fills	No	100		
23.06	Inlet, outlet transition and similar structures (measured by components):				
	(a) Concrete slabs for crossing side drains (class 20/20) with class U2 surface finish	m ³	30		
	Carried Forward				

U...ding of Kabingo – Kasulu- Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction - Mvugwe (70.5 Km) Section

Attachment 2 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kasulu Junction – Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

SECTION 4000: BITUMINOUS LAYERS AND SEALS

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (TZS)	AMOUNT (TZS)
SECTION 4100: PRIME AND CURING MEMBRANES					
41.01	Prime coat:				
	(a) MC-30 cut-back bitumen (Supply, heat and apply prime coat of MC-30 cut-back bitumen, at the rate of 0.8 - 1.0 litres/m ² including aggregate blinding as approved)	litre	845,300		
SECTION 4200: BITUMINOUS BASE COURSE AND ASPHALT CONCRETE SURFACING					
42.02	(a) Asphalt concrete surfacing:				
	a) Asphalt concrete surfacing (Superpave type SP 12.5 with PG 70 - 10 binders) compacted thickness 50mm for carriageway and shoulders	m ³	42,800		
	(b) Bitumen for asphalt concrete surfacing PG 70 -10 performance grade bitumen	t	4,794		
42.03	Tack coat of 57% stable grade bitumen emulsion at 0.4litres/m ²	litre	341,800		
4000	TOTAL CARRIED TO SUMMARY				

Attachment 3 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

BILL No. 2000: DRAINAGE

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (TZS)	AMOUNT (TZS)
	Brought Forward				
23.07	Trimming of excavations for concrete-lined open drains: (For trapezoidal and rectangular drain's bottom inverts lined with in-situ concrete)				
	(a) In soft material as defined in clause 3603	m ²	26,355		
	(b) In rock as defined in clause 3603	m ²	2,636		
23.08	Concrete lining for open drains:				
	((a) Cast in situ concrete lining for concrete side drain (class 20/20) 100mm thick including reinforcement as per Drawing No. NKM-EKE-DD-DR-D-00403	m ³	1,350		
	(b) Class U2 surface finish to cast in situ concrete for concrete side drain	m ²	26,355		
23.13	Polyethylene sheeting (0.15 mm thick) for concrete-lined open drains	m ²	26,355		
<u>SECTION 2500: PITCHING, STONEMWORK AND PROTECTION AGAINST EROSION</u>					
25.01	(b) Stone pitching:				
	(.) Grouted stone pitching; 200mm total thickness	m ²	3,360		
25.02	Ripap				
	(a) Packed riprap minimum size 400mm	m ³	100		
25.08	Erosion checks to ditch type B1 as shown on the drawing	No	770		
<u>SECTION 2600: GABIONS</u>					
26.01	Foundation trench excavation and backfilling for gabions:				
	(a) In solid rock as defined in clause 3603	m ³	150		
	(b) In all other material other than rock as defined in clause 3603	m ³	1000		
	Carried Forward				

Upgrading of Kabingo – Kasulu- Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kan, ani Junction - Mvugwe (70.5 Km) Section

Attachment 4 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction – Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

SECTION 6000B: REINFORCED CONCRETE BRIDGE STRUCTURES

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE (TZS)	AMOUNT (TZS)
	Brought Forward				
	(d) Provide handrail with 125x75x8mm RHS support posts @ 2000mm c/c, with 1no. 50mm & 4no. 40mm diameter CHS as horizontal rails in between the posts as per drawing details.	m	82		
	(e) Provide balustrade of ARMCO flex beam with 124x75x8mm rectangular hollow section (RHS) support posts @ 2000mm c/c bedded in shoulders	m	70		
	(f) Provide 6No. 150mm diameter service pipes to sides of slab within the walkway	m	245		
66.19B	Drainage pipes and weep holes:				
	(a) Provide 2.4m long 75mm diameter Class C PVC drainpipe to deck slab at both kerbs at 3000mm c/c (max) to deck slab at both kerbs at 3000mm c/c (max)	No.	18		
	(b) Provide 2.0m long, 75mm diameter class C pvc pipes as weep holes @1500 c/c on to abutments and walls	No.	32		
	(c) Provide 1.8m long 75mm diameter Class C PVC drainpipe to deck slab at both kerbs at 1500mm c/c (max)	No.	32		
66.21B	(a) Geotextile filter fabric to wall (as terram 280g/m ² or approved equivalent.	m ³	480		
66.22B	Apply two coats of bituminous water-proofing paint to backs of abutments and wingwalls	m ²	1,770		
66.23B	Provide 1.8m long 75mm diameter Class C PVC drainpipe to deck slab at both kerbs at 1500mm c/c (max)	No.	20		
66.24B	Provide 300x300x6mm plate welded to 1400mm long, 32mm diameter stainless steel dowel bar grouted into abutment with 35mm dia PVC sleeve to receive deck girders.	No.	22		
66.25B	600mm long R25 dowel anchored into approach slab and as shown in details, covered with 30mm PVC class E sleeve	No.	85		
66.26B	Provide 75x75x8mm Equal Angle edge protection complete with 10mm mild steel rod anchors @ 600mm c/c at expansion joints	m	55		
	Carried Forward				

Attachment 5 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

Form of Bid Security (Bank Guarantee)

_____ [Bank's Name, and Address of Issuing Branch or Office]

**The Chief Executive,
Tanzania National Roads Agency (TANROADS),
P. O. Box 11364,
Dar es Salaam (Hereinafter referred to as The Employer)**

Date: _____

BID GUARANTEE No.: _____

We have been informed that _____ [name of the Bidder] (hereinafter called "the Bidder") has submitted to you its bid dated _____ (hereinafter called "the Bid") for the execution of _____ [name of contract] under Invitation for Bids No. _____ ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we _____ [name of Bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of _____ [amount in figures] (_____) [amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) has withdrawn its Bid during the period of bid validity specified by the Bidder in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Employer during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the performance security, in accordance with ITB 38.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy your notification to the Bidder of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of the Bidder's bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 758.

Name _____ of Signatory (ies)

[Signature]

Attachment 6 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

		Friday; and 8.00 – 13.00 Hours Saturday except Public Holidays.
Commencement of Works	8.1.1(b)	Reasonable evidence constitute the following: 1. AfDB "No Objection" to sign the Contract; and/or 2. Letter of Comfort from the Employer.
Delay damages for the Works	8.7.1 & 14.15.1(b)	0.05% of the Contract Price per day in the currencies and proportions in which the Contract Price is payable.
Maximum amount of delay damages	8.7.1	10% of the Final Contract Price
Provisional Sums	13.5.1(b)(ii)	7.5%
Total advance payment	14.2.1	15% of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable against submission of an Acceptable Advance Payment Guarantee equal to the exact advance payment to be paid. In case the guarantor is located outside the Employer's country, the issuer shall submit documentary evidence from corresponding bank located in the Employer's country confirming the guarantee i.e. that the guarantee is backed by them and accordingly enforceable in Tanzania.
Repayment amortisation rate of advance payment	14.2.5(b)	25% of the amount of the monthly Interim Payment Certificate with repayment starting after certification of 25% of the Accepted Contract Amount and full recovery upon Certification of 85% of the Accepted Contract Amount.
Percentage of Retention	14.3.2	10%
Limit of Retention Money	14.3.2	5% of accepted Contract Amount
Plant and Materials	14.5.3(b)(i)	Plant and Materials for payment Free on Board: Not Applicable
	14.5.3(c)(i)	Plant and Materials for payment when delivered to the Site: <ul style="list-style-type: none"> • Cement • Aggregates • Steel reinforcement • Bitumen
Payment of Interim Certificate	14.6.1.1	Prior to certification by the Engineer of any Interim Payment Certificate, the Contractor must submit supporting documents showing that withholding Tax of previous certified payment has been paid to Tanzania Revenue Authority (TRA).
Minimum Amount of Interim Payment Certificates	14.6.2	2% of the Accepted Contract Amount.

Attachment 7 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

	Must meet requirements	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet requirement	Form EXP – 2.4.2(b)
<p>If recommended for Lot 2: Kanyani Junction - Mvugwe Section (70.5 Km)</p>	<p>For the above or other contracts executed during the period stipulated in 2.4.2(a) above, a minimum construction experience in following key activities:¹</p> <ul style="list-style-type: none"> (i) Excavations – 300,000 m³ per year for any of the Contracts (ii) Earthworks common fill – 450,000 m³ per year for any of the Contracts (iii) Construction of Bituminous Pavement works – 55,000 m³ per year for any of the Contracts (iv) Construction of in-situ concrete works in slab, beams / girders, columns/piers, foundations box and pipe culverts – 4,000 m³ per year for any of the Contracts (v) Construction of cement stabilised layer – 50,000 m³ per year for any of the Contracts (vi) Construction of Improved subgrade layer – 137,000 m³ per year for any of the Contracts 				
<p>If recommended for any 2 Lots</p>	<p>For the above or other contracts executed during the period stipulated in 2.4.2(a-2) above, a minimum construction experience in following key activities:²</p> <ul style="list-style-type: none"> (i) Excavations – 534,000 m³ per year for any of the Contracts* (ii) Earthworks common fill – 960,000 m³ per year for any of the Contracts (iii) Construction of Bituminous Pavement works – 118,000 m³ per year for any of the Contracts 	<p>Must meet requirements</p>	<p>Must meet fifty percent (50%) of the requirement</p>	<p>Must meet requirement</p>	<p>Form EXP – 2.4.2(b)</p>

¹ Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

² Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities).

If recommended for 4 lots	Must meet requirements	Must meet requirements	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet requirements	Form EXP – 2.4.2(b)
<p>b) For the above or other contracts executed during the period stipulated in 2.4.2(a) above, a minimum construction experience in following key activities:⁴</p> <ul style="list-style-type: none"> (i) Excavations – 1,700,000 m³ per year for any of the Contracts (ii) Earthworks common fill – 1,920,000 m³ per year for any of the Contracts (iii) Construction of Bituminous Pavement works – 235,000 m³ per year for any of the Contracts (iv) Construction of in-situ concrete works in slab, beams / girders, columns/piers, foundations box and pipe culverts – 14,000 m³ per year for any of the Contracts (v) Construction of cement stabilised layer – 210,000 m² per year for any of the Contracts (vi) Construction of Improved subgrade layer – 546,000 m³ per year for any of the Contracts 						

⁴ Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (activities).

Attachment 8 of Addendum No. 1

Upgrading of Kabingo – Kasulu – Manyovu (260.6 Km) Road to Bitumen Standard, Lot 2: Kanyani Junction –
Mvugwe Section (70.5 Km), Tender No. AE/001/2018-19/HQ/W/103

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LOT 2: GRAND SUMMARY OF BILL OF QUANTITIES

NO.	DESCRIPTION	AMOUNT (TZS)
1	BILL 1000: GENERAL	
2	BILL 2000: DRAINAGE	
3	BILL 3000: EARTHWORKS AND PAVEMENT LAYERS OF GRAVEL OR CRUSHED STONE.	
4	BILL 4000: BITUMINOUS LAYERS AND SEALS.	
5	BILL 5000: ANCILLARY ROADWORKS	
6	(A). BILL 6000A: STRUCTURES (BOX CULVERTS).	
	(B). BILL 6000B: STRUCTURES (BRIDGES).	
7	BILL 7000: TOLERANCES, TESTING AND QUALITY CONTROL	
9	BILL 9000: DAYWORKS	
(A)	TOTAL OF BILLS	
()	LESS: Specified Provisional Sums included in Total of Bills	2,230,000,000
(C)	SUB-TOTAL [(A) - (B)]	
(D)	ADD: 7.5% of Sub Total (C) for Physical Contingencies	
(E)	SUB-TOTAL [(C) + (D)]	
(F)	ADD: 7.5% of Sub Total (E) for Variation of Prices-VoP	
(G)	SUB-TOTAL [(A) + (D) + (F)]	
(H)	ADD: Value Added Tax (VAT)-[18% of Sub-Total (G)]	
(I)	GRAND TOTAL [(G) + (H)] -CARRIED FORWARD TO LETTER OF BID	