

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



Good roads for national development

**UPGRADING OF MKANGE- TUNGAMAA- PANGANI ROAD (120.8 KM) INCLUDING
PANGANI BRIDGE (525M) TO BITUMEN STANDARD, LOT 3: TUNGAMAA-
MKWAJA-MKANGE (95.2 KM) INCLUSIVE OF 3.7KM OF SPUR ROAD TO
KIPUMBWI**

TENDER NO. AE/001/2019-20/HQ/W/34

Addendum No. 2 to the Bidding Documents

Date: 7th August 2020

Addendum No. 2 to the Bidding Documents is issued in accordance with Instructions to Bidders, Clause 8.1 to effect changes to the Bidding Documents.

SECTION IV: BIDDING FORMS - BILL OF QUANTITIES (BOQ)

Item No. 1 (Section IV-93)

Replace:

STRUCTURES					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT TZS
	Brought forward				
	STEEL REINFORCEMENT FOR STRUCTURES (Section 6300)				
63.01	Steel reinforcement for:				
(a)	Inlet/outlet structures:				
(iii)	Welded steel fabric	kg	556	3,000.00	
(b)	Wing walls:				
(i)	Mild steel bars	t	1	2,500,000.00	
(ii)	High-yield-stress-steel bars	t	29	3,200,000.00	
(c)	Cell structure:				
(i)	Mild steel bars	t	1	2,500,000.00	
(ii)	High-yield-stress-steel bars	t	189	3,200,000.00	
	Carried forward				

With:
STRUCTURES

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT TZS
	Brought forward				
	STEEL REINFORCEMENT FOR STRUCTURES (Section 6300)				
	63.01 Steel reinforcement for:				
	(a) Inlet/outlet structures:				
	(iii) Welded steel fabric	kg	556		
	(b) Wing walls:				
	(i) Mild steel bars	t	1		
	(ii) High-yield-stress-steel bars	t	29		
	(c) Cell structure:				
	(i) Mild steel bars	t	1		
	(ii) High-yield-stress-steel bars	t	189		
	Carried forward				

AF

Item No. 2 (Section IV-119)

Replace:

STRUCTURES					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT TZS
	Brought forward				
	NO-FINES CONCRETE, JOINTS, BEARINGS, PARAPETS AND DRAINAGE FOR STRUCTURES (Section 6600)				
66.05	Expansion joints: (b) Metal claw joint (BSP 65 or similar approved)	m	35		
66.06	Filled joints				
	(a) 10 mm bitumen-impregnated fibre board	m ²	50		
	(b) 20 mm expanded polystyrene	m	45		
66.07	Unfilled joints:				
	(a) Two layers bituminous paint	m ²	10		
66.08	Sealing joints with:				
	(a) 10 mm/20 mm silicone based highway sealant (Dow Corning 888 or approved equivalent)	m	50		
66.11	Bearings				
	(a) Elastomeric Bearings				
	(i) 300 mm x 250 mm x 74 mm	Number	22		
	(b) 2 layers 3-ply roofing felt	m	10		
66.14	Dowels/guides (Y32 Galvanised bars, 2 000 mm long, including uPVC sleeves and compressible plugs in deck complete as shown on the drawings)	number	11		
66.15	Concrete parapets	m ²	34		
66.17	End blocks	number	4		
66.19	Drainage pipes and weep holes				
	(a) Drainage pipes				
	(ii) 90 mm dia uPVC pipes	m	25		
66.36	Service ducts:				
	(a) 150 mm dia uPVC pipes	m	105		
	Carried forward				

BY

With:

STRUCTURES					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT TZS
	Brought forward				
	NO-FINES CONCRETE, JOINTS, BEARINGS, PARAPETS AND DRAINAGE FOR STRUCTURES (Section 6600)				
66.05	Expansion joints:				
	(b) Metal claw joint (BSP 65 or similar approved)	m	35		
66.06	Filled joints:				
	(a) 10 mm bitumen-impregnated fibre board	m ²	50		
	(b) 20 mm expanded polystyrene	m	45		
66.07	Unfilled joints:				
	(a) Two layers bituminous paint	m ²	10		
66.08	Sealing joints with:				
	(a) 10 mm/20 mm silicone based highway sealant (Dow Corning 888 or approved equivalent)	m	50		
66.11	Bearings:				
	(a) Elastomeric Bearings				
	(i) 300 mm x 250 mm x 74 mm	Number	22		
	(b) 2 layers 3-ply roofing felt	m	10		
66.14	Dowels/guides (Y32 Galvanised bars, 2 000 mm long, including uPVC sleeves and compressible plugs in deck complete as shown on the drawings)	number	11		
66.17	End blocks	number	4		
66.19	Drainage pipes and weep holes:				
	(a) Drainage pipes:				
	(ii) 90 mm dia uPVC pipes	m	25		
66.36	Service ducts:				
	(a) 150 mm dia uPVC pipes	m	105		
	Carried forward				

Item No. 3 (Section IV-120)

Delete Items 91.01 – 91.14 of Bills of Quantities entirely.

Item No. 4 (Section IV-265)

Replace:

GRAND SUMMARY			
LOT 3: MKANGE - MKWAJA - TUNGAMAA SECTION (KM 73+250 - KM 164+750)			
TOTAL SECTION A : GENERAL ESTABLISHMENT		TZS	
TOTAL SECTION B : MKANGE - MKWAJA - TUNGAMAA (91.5 KM)		TZS	
TOTAL SECTION C : KIPUMBWI SPUR ROAD (3.7 KM)		TZS	
SUBTOTAL OF BILLS	(A)	TZS	
SPECIFIED PROVISIONAL SUMS	(B)	TZS	2,380,000,000.00
TOTAL OF BILLS LESS SPECIFIED PROVISIONAL SUMS	(C) (A-B)	TZS	
ADD: 7.5% OF TOTAL [C] FOR PHYSICAL CONTINGENCIES	(D)	TZS	
TOTAL (C+D)	(E)	TZS	
ADD: 7.5% OF SUBTOTAL [E] FOR VARIATION OF PRICES	(F)	TZS	
TOTAL (A+D+F)	(G)	TZS	
ADD VAT (18%) PAYABLE BY THE EMPLOYER	(H)	TZS	
GRAND TOTAL (G+H) CARRIED FORWARD TO LETTER OF BID		TZS	

AA

With:

GRAND SUMMARY			
LOT 3: MKANGE - MKWAJA - TUNGAMAA SECTION (KM 73+250 - KM 164+750)			
TOTAL SECTION A : GENERAL ESTABLISHMENT		TZS	
TOTAL SECTION B : MKANGE - MKWAJA - TUNGAMAA (91.5 KM)		TZS	
TOTAL SECTION C : KIPUMBWI SPUR ROAD (3.7 KM)		TZS	
SUBTOTAL OF BILLS	(A)	TZS	
SPECIFIED PROVISIONAL SUMS	(B)	TZS	2,380,000,000.00
TOTAL OF BILLS LESS SPECIFIED PROVISIONAL SUMS	(C) (A-B)	TZS	
ADD: 7.5% OF TOTAL [C] FOR PHYSICAL CONTINGENCIES	(D)	TZS	
TOTAL (C+D)	(E)	TZS	
ADD: 7.5% OF SUBTOTAL [E] FOR VARIATION OF PRICES	(F)	TZS	
GRAND TOTAL (A+D+F) CARRIED FORWARD TO LETTER OF BID	(G)	TZS	

15/1

SECTION III. EVALUATION AND QUALIFICATION CRITERIA

Item No. 4

Replace:

<i>If recommended for Lot 3</i>	b-1) 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 (i) Excavations – 300,000 m ³ per year (ii) Earthworks common fill – 1,000,000 m ³ per year (iii) Construction of Bituminous Pavement works – 60,000 m ³ 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 – 10,000 m ³ per year for any of the Contracts (v) Construction of cement stabilised layer – 80,000 m ³ per year	Must meet requirements	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet requirements	Form EXP – 2.4.2(b)

¹Volume, 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).

With:

<i>If recommended for Lot 3</i>	b-1) 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: ² (i) Excavations- 300,000 m ³ per year (ii) Earthworks common fill – 1,000,000 m ³ per year (iii) Construction of Bituminous Pavement works – 45,000 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 – 10,000 m ³ per year for any of the Contracts (v) Construction of cement stabilised layer – 80,000 m ³ per year	Must meet requirements	Must meet requirement	Must meet fifty percent (50%) of the requirement	Must meet requirements	Form EXP – 2.4.2(b)

²Volume, 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).

SECTION VI: EMPLOYER'S REQUIREMENTS - DRAWINGS

Item No. 5

Appendix 1: Typical details, Appendix 2: Typical Cross-section, Appendix 3: House facilities, Appendix 4: Bridge approach roads, and Appendix 5: House type III are included in a Folder named "**Drawing-Mkange – Pangani-Lot 3 -Addendum No. 2**".

The folder is accessible through the following link:

<https://www.dropbox.com/sh/iqy649kxx8a739w/AADoETj68pOdzAQwWdV0N6Qwa?dl=0>

SECTION II: BID DATA SHEET (BDS)

Item No. 6

Replace

ITT Clause 22.1	The deadline for bid submission is: Date: 13th September 2020 Time: 10:00 Hours Local time
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With

ITT Clause 22.1	The deadline for Tender submission is: Date: 14th September 2020 Time: 10:00 Hours Local time
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Replace

ITT Clause 25.1	Date: 13th September 2020 Time: Immediately after the deadline for bid submission.
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With

ITT Clause 25.1	Date: 14th September 2020 Time: Immediately after the deadline for bid submission.
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AS