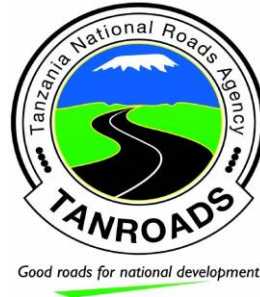


THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WORKS, TRANSPORT AND COMMUNICATION



**CONSTRUCTION OF DAR ES SALAAM BUS RAPID TRANSIT (BRT)
INFRASTRUCTURE – PHASE 3: LOT 1 – ROAD WORKS (23.33KM)**

TENDER NO. AE/001/2019-20/HQ/W/03

Addendum No. 2 to the Bidding Documents

Date: 14th September 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 and will become binding document, overriding the original provisions to the applicable extent indicated. All other items and conditions of the original Bidding Documents remain unchanged. The following provisions of the Bidding Documents are amended as follows:

Part 1: SECTION IV: BIDDING FORMS - BILL OF QUANTITIES (BOQ)

Item No. 1

Replace:

SS12.07	Fabrication and mounting of Road Project Sign Boards as directed by the Engineer	No.			
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With:

SS12.07	Fabrication and mounting of Road Project Sign Boards as directed by the Engineer	No.	6		
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Item No. 2

Replace:

		Brought Forward			
(e)	Provide fully furnished and equipped temporary accommodation and offices for the Engineer	(house unit) x (month)	3		
(f)	Maintain and pay all rents and municipal services for Type I rented house fully furnished and equipped for the Engineer	(house unit) x (month)	36		
(g)	Maintain and pay all rents and municipal services for Type II rented house fully furnished and equipped for the Engineer	(house unit) x (month)	180		
(h)	Maintain and pay all rents and municipal services for Type III rented house fully furnished and equipped for the Engineer	(house unit) x (month)	108		
(i)	Maintain and pay all rents and municipal services for multiple accommodation units fully furnished and equipped for the Engineer	(house unit) x (month)	36		
(j)	Maintain and pay all rents and municipal services for fully furnished and equipped temporary accommodation and offices for the Engineer	(house unit) x (month)	3		
14.02	Offices for the Engineer				
(a)	Provide 1 No. fully furnished and equipped offices for the Engineer	Lump sum			
(b)	Maintain and pay all rents and municipal services for fully furnished and equipped offices for the Engineer	(office unit) x (month)	36		
SS14.02 (c)	Provide airtime for Engineer and Employer's Staff limited to TZS 100,000 per telephone per month	PS			60,000,000
SS14.02 (d)	Allow for contractor's overhead and profit as a percentage of subitem SS14.02(c)	%			
14.05	Four wheel drive station wagon for the Engineer:				
(a)	Provide 4No. Brand new manual transmission 4WD Long Wheel Base station wagon, Min 4.5litres diesel engine vehicles for the Engineer and Employer approved by the Engineer.	Lump Sum			
Sub Total carried forward					

With:

Brought Forward					
14.01	Accommodation for the engineer for renting in Dar es Salamm:				
(e)	Provide fully furnished and equipped temporary accommodation and offices for the Engineer	(house unit) x (month)	3		
(f)	Maintain and pay all rents and municipal services for Type I rented house fully furnished and equipped for the Engineer	(house unit) x (month)	20		
(g)	Maintain and pay all rents and municipal services for Type II rented house fully furnished and equipped for the Engineer	(house unit) x (month)	100		
(h)	Maintain and pay all rents and municipal services for Type III rented house fully furnished and equipped for the Engineer	(house unit) x (month)	60		
(i)	Maintain and pay all rents and municipal services for multiple accommodation units fully furnished and equipped for the Engineer	(house unit) x (month)	20		
(j)	Maintain and pay all rents and municipal services for fully furnished and equipped temporary accommodation and offices for the Engineer	(house unit) x (month)	3		
14.02	Offices for the Engineer				
(a)	Provide 1 No. fully furnished and equipped offices for the Engineer	Lump sum			
(b)	Maintain and pay all rents and municipal services for fully furnished and equipped offices for the Engineer	(office unit) x (month)	20		
SS14.02 (c)	Provide airtime for Engineer and Employer's Staff limited to TZS 100,000 per telephone per month	PS			30,000,000
SS14.02 (d)	Allow for contractor's overhead and profit as a percentage of subitem SS14.02(c)	%			
14.05	Four wheel drive station wagon for the Engineer:				
(a)	Provide 4No. Brand new manual transmission 4WD Long Wheel Base station wagon, Min 4.5litres diesel engine vehicles for the Engineer and Employer approved by the Engineer.	Lump Sum			
Sub Total carried forward					

Item No. 3

Replace:

	Brought Forward				
14.05	Four wheel drive station wagon for the Engineer:				
(b)	Operate and maintain vehicles specified in item 14.05(a) for an average of 3000 km per month	vehicle x month	144		
(c)	Operate vehicles specified for travel distance in excess of average 3000 km per month	km	30,000		
14.06	Four wheel drive double cab in pick-up for the Engineer				
(a)	Provide 8No. 4WD long wheel base min 2.8 litres diesel, manual transmission engine double cab pick-up vehicle for the Engineer. The vehicle shall be new approved by the Engineer.	Lump Sum			
(b)	Operate and maintain vehicles specified in 14.06(a) for an average of 3000 km per month	Vehicle x Month	288		
(c)	Operate vehicles specified for travel distance in excess of average 3000 km per month	Km	70,000		
14.07	Survey equipment for the Engineer				
(a)	Provide specified survey equipment for the Engineer. All the survey equipment shall be new and approved by the Engineer.	Lump Sum			
(b)	Maintain specified survey equipment for the Engineer	month	36		
14.08	Laboratory for the Engineer				
(a)	Provide laboratory fully furnished for the Engineer	Lump sum			
(b)	Maintain laboratory fully furnished for the Engineer	month	36		
14.9	Laboratory equipment for the Engineer				
(a)	Provide specified laboratory equipment for the Engineer	Lump sum			
(b)	Maintain specified laboratory equipment for the Engineer	month	36		
14.10	Meals in Contractor's mess hall for the Employer's staff	No	40		
	Sub Total carried forward				

With:

		Brought Forward			
14.05	Four wheel drive station wagon for the Engineer:				
(b)	Operate and maintain vehicles specified in item 14.05(a) for an average of 3000 km per month	vehicle x month	80		
(c)	Operate vehicles specified for travel distance in excess of average 3000 km per month	km	30,000		
14.06	Four wheel drive double cab in pick-up for the Engineer				
(a)	Provide 8No. 4WD long wheel base min 2.8 litres diesel, manual transmission engine double cab pick-up vehicle for the Engineer. The vehicle shall be new approved by the Engineer.	Lump Sum			
(b)	Operate and maintain vehicles specified in 14.06(a) for an average of 3000 km per month	Vehicle x Month	160		
(c)	Operate vehicles specified for travel distance in excess of average 3000 km per month	Km	70,000		
14.07	Survey equipment for the Engineer				
(a)	Provide specified survey equipment for the Engineer. All the survey equipment shall be new and approved by the Engineer.	Lump Sum			
(b)	Maintain specified survey equipment for the Engineer	month	20		
14.08	Laboratory for the Engineer				
(a)	Provide laboratory fully furnished for the Engineer	Lump sum			
(b)	Maintain laboratory fully furnished for the Engineer	month	20		
14.9	Laboratory equipment for the Engineer				
(a)	Provide specified laboratory equipment for the Engineer	Lump sum			
(b)	Maintain specified laboratory equipment for the Engineer	month	20		
14.10	Meals in Contractor's mess hall for the Employer's staff	No	40		
Sub Total carried forward					

Item No. 4

Replace:

	Section SS1800: HIV/AIDS AND CHILD ABUSE				
SS.18.01	Institute and maintain HIV/AIDS awareness campaign	month	36		

With:

	Section SS1800: HIV/AIDS AND CHILD ABUSE				
SS.18.01	Institute and maintain HIV/AIDS awareness campaign	month	20		

Item No. 5

Replace:

64.01	Cast in situ concrete:				
(a)	Class of 20/20 for blinding	m ³	20		
(b)	Class of 25/20 structural concrete in main cells and end structures of box culverts	m ³	233		

With:

64.01	Cast in situ concrete:				
(a)	Class of 15/20 for blinding	m ³	20		
(b)	Class of 30/20 structural concrete in main cells and end structures of box culverts	m ³	233		

Item No. 6

Replace:

67.02	Anchor bolts				
	Roof Covering				
(g)	Provide roof covering to pedestrian bridge comprising of IT5 box profile roofing sheet, fixing to steel Z-purlins; including 203x113x25mm universal beams welded to 203x203x46 universal columns and necessary accessories like plates, bolts, etc. as per drawing No.BRT3-1/STR/587-588	m ²	226		

With:

67.02	Anchor bolts				
	Roof Covering				
(g)	Provide roof covering to pedestrian bridge comprising of IT5 box profile roofing sheet, fixing to steel Z-purlins; including 203x113x25mm universal beams welded to 203x203x46 universal columns and necessary accessories like plates, bolts, etc. as per drawing No.BRT3-1/STR/35-36	m ²	226		

Item No. 7

Replace:

7.00	MARKER POST				
7.10	Metal marker posts to specification positioned at 100m intervals	Item	1		

With:

7.00	MARKER POST				
7.10	Pre-cast concrete posts as per drawings No. BRT/TOP/627 positioned at intervals as instructed by the Engineer	No.	6		

PART I - BIDDING PROCEDURES

SECTION III: EVALUATION AND QUALIFICATION CRITERIA

3 Qualifications - 4.1(a) Requirement

Item No. 8

Replace:

“Experience under construction contracts in the role of Prime contractor, JV member, Sub-contractor or management contractor for at least the last five (5) years starting 1st January 2016”.

With:

“Experience under construction contracts in the role of Prime contractor, JV member, Sub-contractor or management contractor for at least the last five (5) years starting 1st January 2015”.

Item No. 9

3.5: Contractor's Representative and Key Personnel

Replace:

Item No.	Position /Specialization	Relevant academic Qualification	Minimum years of relevant experience
15	Sexual Exploitation, Abuse and Harassment Expert	Degree of Science in Gender studies or equivalent	5 years of monitoring and managing risks related to gender-based violence, out of which 3 years of relevant experience in addressing issues related to sexual exploitation, sexual abuse and sexual harassment

With:

Item No.	Position /Specialization	Relevant academic Qualification	Minimum years of relevant experience
15	Sexual Exploitation, Abuse and Harassment Expert	Degree of Science in Gender studies, BA in Sociology or Social Sciences or equivalent	5 years of monitoring and managing risks related to gender-based violence, out of which 3 years of relevant experience in addressing issues related to sexual exploitation, sexual abuse and sexual harassment

Item No. 10

3.6 Equipment

Replace:

No	Equipment Type	Capacity/Specification	Min. No. required
9	Crane	300T	2

With:

No	Equipment Type	Capacity/Specification	Min. No. required
9	Crane	100T	2

PART 2 - WORKS REQUIREMENTS

SECTION VII 1 SCOPE OF WORKS

Item No. 11

Replace:

1407 VEHICLES FOR THE ENGINEER

Add after the first paragraph in Clause 1407 of the Standard Specifications the following:

Unless otherwise agreed prior to signing of the Contract Agreement the Contractor shall provide the following vehicles for the Engineer and the Employer:

Type 1: Four (4) nos. 4 Wheel Drive Station Wagon with Minimum Engine Capacity 3.0 litre diesel, Gear box 6 speed manual, Fuel Tank Capacity Minimum 80 litre or similar approved by the Engineer made from a Country acceptable by the Employer.

With:

1407 VEHICLES FOR THE ENGINEER

Add after the first paragraph in Clause 1407 of the Standard Specifications the following:

Unless otherwise agreed prior to signing of the Contract Agreement the Contractor shall provide the following vehicles for the Engineer and the Employer:

Type 1: Four (4) nos. 4 Wheel Drive Station Wagon with Minimum Engine Capacity 4.5 litre diesel, Gear box 6 speed manual, Fuel Tank Capacity Minimum 80 litre or similar approved by the Engineer made from a Country acceptable by the Employer.

Item No. 12

Section 1412 of Special Specifications volume 2A-1 2a-2 page 34

Replaced:

- (i) By rates per vehicle month, SUBITEM (b). Such rates shall include for the first 4,500 km per vehicle travelled in any calendar month. Should a vehicle be used for less than 4,500 km in a particular month, then the unused distance shall be offset against months when the distance travelled exceeds 4,500 km.
- (ii) By a rate per km, SUBITEM (c), over and above the first 4,500 km per vehicle travelled in any one calendar month, subject to the condition mentioned in (i) above

With:

- (i) By rates per vehicle month, SUBITEM (b). Such rates shall include for the first **3,000 km** per vehicle travelled in any calendar month. Should a vehicle be used for less than **3,000 km** in a particular month, then the unused distance shall be offset against months when the distance travelled exceeds **3,000 km**.
- (ii) By a rate per km, SUBITEM (c), over and above the first **3,000 km** per vehicle travelled in any one calendar month, subject to the condition mentioned in (i) above

Item No. 13

General – 14.01 Houses of the Engineer

Add the following:

The minimum general functional requirements of the houses:

- 1. Type I House – 1 Master Bedroom, 2 standard Bedrooms, shared bathroom and toilet, lounge, kitchen with store, dining room and a veranda/pouch. Total living area not less than 150 m².
- 2. Type II House - 1 Master Bedroom, 1 standard Bedroom, lounge, kitchen with store, dining room and a veranda. Total living area not less than 130 m².
- 3. Type III House – 2 Standard Bedroom, 2 bathrooms and 2 toilets, shared lounge and kitchen with store, dining room and a veranda. Total living area not less than 70 m².

Item No. 14

Add specifications of Materials for Relocation of Gas Pipelines as follows: -

S/No	Material Description	Specifications	Manufacturer/Supplier
1.	315mm HDPE pipe SDR11 to BS EN 14161	SDR 11 to BS EN 14161	PLASCO or equivalent
2.	63mm HDPE rocket (Purge Point) type 455/1*63mm/PE100*SC/DI/2 5FC	SDR 11 to BS EN 14161, Series 455 Ductile bodied Ball Valve 63mm PE 100 – rocket vent point	AVK UK Limited or equivalent
3.	32mm HDPE rocket (Pressure Test Point) type; 4551*32mm/PE 100*SC/DI/2 5FC	SDR 11 to BS EN 14161 Series 455 Ductile bodied Ball Valve 32mm PE 100 -rocket vent	AVK UK Limited or equivalent

S/No	Material Description	Specifications	Manufacturer/Supplier
		pipe	
4.	300mm/315 PN 16 flange adaptor	EN 1092/PE 100SDR11	PLASCO or equivalent
5.	315mm; Equal Tee	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
6.	315mmg; 90 Degree Elbow	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
7.	315mm; 45 Degree Elbow	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
8.	63mm; Degree Elbow	PE 100 SDR 11 1S0 S6	PLASCO or equivalent
9.	32mm; 90 Degree Elbow.	PE 100 SDR 11 1S0 S7	PLASCO or equivalent
10.	315mm to 63mm; Taping Tee	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
11.	315mm to 32mm; Taping Tee	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
12.	315mm; Coupler	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
13.	64 mm; Coupler	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
14.	32mm; Coupler	PE 100 SDR 11 1S0 S7	PLASCO or equivalent
15.	315mm; End Cap	PE 100 SDR 11 1S0 S5	PLASCO or equivalent
16.	400mm PE 100 SDR 17	PE 100 SDR 17	DPI SIMBA LTD or equivalent
17.	555-3/300/16SGB/SSS/10 BAR "Flanged type"	300mm FG.555 Ductile Valve, stainless steel Spindle, nitrile seals fitted with block & bleed	AVK UK Limited or equivalent

S/No	Material Description	Specifications	Manufacturer/Supplier
		facility, flanges drilled PN 16. supplied bare spindle end. Designed to V7 Part1. Maximum Working Pressure 10 Bar. (Valve shell tested to 15 bar) - AVK Donkin 555 Series or equivalent	

PART 2 - WORKS REQUIREMENTS

SECTION VII DRAWINGS

Item No. 15

Typical Drawing No. BRT3-1/TOP/627 is accessible through the following link:

<https://www.dropbox.com/sh/i3olxhs7zvkh5a1/AADNHE7U490hvx5BYNAkP4mJa?dl=0>

PART 2 - WORKS REQUIREMENTS

SECTION VII SUPPLEMENTARY INFORMATION

Item No. 16

Add below documents to the supplementary information:

- Volume 5A Hydraulic Report (For Information only)
- Volume 5B Material Report (For Information only)
- Volume 5C Guide to Traffic Signals and Naming of Bus Station (For Information only)
- Volume 5D Traffic Management Plan (For Information only)
- Volume 5E Updated Resettlement Action Plan (For Information only)
- Volume 5F Updated ESIA report (For Information only)

They can now be accessed through the following link:

<https://www.dropbox.com/sh/xcysspjmikm2yfix/AAC6mTVBmTj2o6EMM5azio0ea?dl=0>

PART 2 - WORKS REQUIREMENTS

SECTION VII 1 SCOPE OF WORKS

Item No. 17

Estimated Major Quantities

Replace:

SN	DESCRIPTION	QUANTITIES
21	Bus Stations, Feeder Stations and Terminals Sheds	40 Nos

With:

SN	DESCRIPTION	QUANTITIES
21	Bus Stations, Feeder Stations and Terminals Sheds	36 Nos

Which comprises of the following :

1. *Bus stations A – 8Nos*
2. *Bus Stations B – 24Nos*
3. *Feeder Stations - 3Nos (Jet Club, Mombasa and Gongolamboto)*
4. *Terminal Sheds – 1No (Gongolamboto).*

Sub/Total (1) = 36Nos.

SECTION II: BID DATA SHEET (BDS)

Item No. 18

Replace

ITB Clause 22.1	The deadline for bid submission is: Date: 15th September 2020
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With

ITB Clause 22.1	The deadline for bid submission is: Date: 6th October 2020
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Item No. 19

Replace

ITB Clause 25.1	Date: 15th September 2020
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With

ITB Clause 25.1	Date: 6th October 2020
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