

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GOVERNMENT NOTICE NO. 4 published on 1/1/2021

THE VALUE ADDED TAX ACT,
(CAP. 148)

ORDER

(Made under section 6(2))

THE VALUE ADDED TAX (EXEMPTION) (CONSTRUCTION OF DAR ES SALAAM BUS RAPID TRANSIT INFRASTRUCTURE PHASE 2: LOT 1 ROAD WORKS 20.3 KM) INCLUDING TWO FLYOVERS AND 29 BUS STATION ALONG KILWA ROAD (FROM CBD- KARIAKOO TO MBAGALA) (TANZANIA NATIONAL ROAD AGENCY (TANROADS)) ORDER, 2020

Citation and
Commencement

1. The Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station along Kilwa Road (From CBD- Kariakoo to Mbagala) (Tanzania National Road Agency (TANROADS)) Order, 2020 and shall be deemed to have come into operation on the 24th day of January, 2019.

Exemption

2. Subject to the conditions specified in paragraph 3 of this Order, and any other conditions as may be specified by the Commissioner, the whole of the Value Added Tax payable on the goods or services set out in part B of the Schedule to this Order, imported or locally purchased prior to clearance through customs by Contractors specified in part A of the Schedule to this Order for or on behalf of Tanzania National Roads Agency (TANROADS) to be used solely in the project of Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) including two Flyovers and 29 Bus Station along Kilwa Road (From CBD- Kariakoo to Mbagala is hereby exempt.

Expiry

3. This Order shall expire on the 24th day of January, 2021.

Revocation and
Savings
GN. No. 86 of
2019

4.-(1) The Value Added Tax (Exemption) Construction of Dar es salaam Bus Rapid Transit infrastructure Phase 2: Lot 1 Road works 20.3 KM) including two flyovers and 29 Bus station along Kilwa Road (from CBD- Kariakoo to Mbagala) (M/S Sinohydro Corporation) Order, 2019 is hereby revoked.

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

(2) Notwithstanding the revocation stipulated under paragraph 3, exemption for goods and services under the revoked Order which have already been utilized shall be deemed to be exemption utilized under this Order and for this purpose, the Schedule to this order shall be read as excluding items already utilized for Value Added Tax exemption purposes.

SCHEDULE

(Made under paragraph 2)

PART A

NAMES OF THE CONTRACTORS EXECUTING THE PROJECT

S/N	NAME OF THE CONTRACTOR
1.	M/S Sinohydro Corporation Limited
2.	M/S Mawanjeni Electrical Services Ltd

PART B

GOODS AND SERVICES

A. Goods and Services for M/S Sinohydro Corporation Limited

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	A. GOODS AND BUILDING MATERIALS			
A.	Major Equipment and Plant			
1	BulldozerB13:B27B13B13:B24	8	Unit	China/Tanzania
2	Front End Loader	12	Unit	China/Tanzania
3	Front End Loader	6	Unit	China/Tanzania
4	Motor Grader	8	Unit	China/Tanzania
5	Tracked Excavator	5	Unit	China/Tanzania
6	Tracked Excavator	7	Unit	China/Tanzania
7	Hydraulic Breaking Hammer	5	Unit	China/Tanzania
8	Wheel Excavator	4	Unit	China/Tanzania
9	Double Drum Vibrating Roller	4	Unit	China/Tanzania
10	Vibratory Roller	10	Unit	China/Tanzania
11	Pneumatic Tyre Roller	4	Unit	China/Tanzania

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
12	Pneumatic Tyre Roller	2	Unit	China/Tanzania
13	Pedestrian Roller Compactor	10	Unit	China/Tanzania
14	Crawler Crane	2	Unit	China/Tanzania
15	Crane Truck	4	Unit	China/Tanzania
17	Truck Crane	6	Unit	China/Tanzania
18	Tipper	50	Unit	China/Tanzania
19	Tipper	30	Unit	China/Tanzania
20	Tractor	6	Unit	China/Tanzania
21	Low Bed Loader	3	Unit	China/Tanzania
22	Pulvi Mixer	2	Unit	China/Tanzania
23	Water Browser	8	Unit	China/Tanzania
24	Water Browser	6	Unit	China/Tanzania
25	Fuel Tanker	1	Unit	China/Tanzania
26	Fuel Tanker	1	Unit	China/Tanzania
27	Camion Truck	2	Unit	China/Tanzania
28	Heavy Truck	4	Unit	China/Tanzania
29	Concrete Mixing Plant	2	Unit	China/Tanzania
30	Concrete Mixer	4	Unit	China/Tanzania
31	Concrete Batching Plant	2	Unit	China/Tanzania
32	Concrete Mixer Truck	8	Unit	China/Tanzania
33	Concrete Pumping Truck	1	Unit	China/Tanzania
34	Concrete Pump	1	Unit	China/Tanzania
35	Tractor Tipper	6	Unit	China/Tanzania
36	Multifunction Paver	3	Unit	China/Tanzania
37	Paver Balance Beam	2	Set	China/Tanzania
38	Asphalt Concrete Plant	1	Unit	China/Tanzania
39	Bitumen De-Barrelling Equipment	1	Unit	China/Tanzania
40	Bitumen Tank	6	Unit	China/Tanzania
41	Heat Transfer Oil Heating System	1	Unit	China
42	Bitumen Emulsification Equipment	1	Unit	China
43	Chip Spreader	1	Unit	China
44	Crushing And Screening Plant	1	Unit	China
45	Mobile Crusher	1	Unit	China
46	Bitumen Distributor	2	Unit	China
47	Stabilized Soil Mixing Plant	2	Unit	China
48	Air Compressor	3	Unit	China
49	Air Compressor	5	Unit	China
50	Tracked Hydraulic Driller	3	Unit	China
51	Rock Drill	20	Unit	China
52	Mobile Diesel Generating Set	6	Unit	China
53	Diesel Generating Set	3	Unit	China
54	Diesel Generating Set	5	Unit	China
55	Diesel Generating Set	5	Unit	China
56	Mobile Lighting Tower	10	Unit	China
57	Fuel Generating Set	6	Unit	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
58	Mobile Workshop	2	Unit	China/Tanzania
59	Station Wagon	10	Unit	Japan/Dubai
60	Suv, Small Cars	4	Unit	Japan/Dubai
61	Double Cab Pickup	20	Unit	Japan/Dubai
62	Single Cab Pickup	6	Unit	Japan/Dubai
63	Mini Bus	2	Unit	China/Tanzania
65	Light Truck	18	Unit	China/Tanzania
66	Box Truck	2	Unit	Japan
67	Lathe	2	Unit	China
68	Road Sweeper	2	Unit	South Africa
69	Road Marking Equipment	1	Unit	China
70	Road Marking Paint Heater	2	Unit	China
71	Welding Machine	12	Unit	China
72	Brick-Making Machine	2	Unit	China/Tanzania
73	Vibratory Compactor	18	Unit	China
74	Vibratory Plate Compactor	10	Unit	China
75	Vibratory Plate Compactor	4	Unit	China
76	Forklift	2	Unit	China
77	Grooving Machine	4	Unit	China
78	Concrete Pipe Making Machine	2	Unit	China
79	Milling Planer	2	Unit	China/ Kenya/ German
80	Horizontal Drilling Machine (Hdd)	4	Unit	China
81	Pilling Rig	4	Unit	China
B.	Minor Machineries, Tools And Mechanical Supplies			
1	Concrete Vibrator (Petrol)	46	unit	China
2	Concrete Vibrator (Poker Type)	38	unit	China
3	Pipe Fixing Machine	2	unit	China
4	Plate Vibrator	12	unit	China
5	Wood Working Machine	4	unit	China
6	Hand Electrical Wood Working Planer	12	unit	China
7	Water Pump	20	unit	China
8	Water Pump	20	unit	China
9	Sewage Pump	12	unit	China
10	Submersible Pump	40	unit	China
11	Bar Cutter	6	unit	China
12	Bar Bender	6	unit	China
13	Milling Machine	2	unit	China
14	Flushing Machine	2	unit	China
15	Bar Adjustor	4	unit	China
16	Pneumatic Drill with Picks	40	unit	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
17	Pavement Cutting Machine with Blades	8	unit	China
18	Road Surface Blower	30	unit	China
19	Welding Stick	3,900	KG	China
20	Fire Distinguisher	200	piece	China
21	Fire Distinguisher	20	piece	China
22	Tool Van	4	piece	China
23	Spanners	3,000	set	China
24	Pipe Wrench	120	piece	China
25	Screw Drivers	2,000	piece	China
26	Pliers	500	piece	China
27	Saw Blades	1,000	piece	China
28	Screw Tap	80	set	China
29	File	200	set	China
30	Screw Die	80	set	China
31	Vice	100	unit	China
32	Hammer	100	piece	China
33	Hydraulic Jack	30	piece	China
34	Cylinder Pressure Gauge	20	set	China
35	Greaser Gun with Accessories	100	set	China
36	Pressure Car Washer	9	set	China
37	Diesel Welding Machine	4	unit	China
38	Potable Welding Machine	8	unit	China
39	Welding Machine	4	unit	China
40	Argon Arc Welding Machine	4	unit	China
41	Guardrail Pile Driver,	2	Unit	China
42	Hand Drill	30	piece	China
43	Electric Saw	12	unit	China
44	Hand Electric Saw	16	unit	China
45	Percussion Drill	50	piece	China
46	Angle Grinders	60	piece	China
47	Electric Hammer	30	piece	China
48	Grinding Machine	8	unit	China
49	Grinding Machine	6	unit	China
50	Bench Drill	4	unit	China
51	Cut off Machine	20	unit	China
52	Small Compressor	30	unit	China
53	Miscellaneous Machineries	20	batch	China
54	Contruction Tools	20	batch	China
55	Miscellaneous Mechanical Tools	20	batch	China
C.	Spare Parts And Accessories			
1	Spare Parts And Accessories for Plants, Equipments, Vehicles, Machineries And Tools	20	batch	China/Tanzania
2	Containers for Storage	40	No.	China/Tanzania

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
3	Battery for Construction Machinery	2,000	No.	China/Tanzania
4	Tyre for Constructon Machines/Tippers	5,000	No.	China/Tanzania
5	Tyre for Constructon Machines/Tippers	1,600	No.	China/Tanzania
6	Tyre for Constructon Machines/Tippers	600	No.	China/Tanzania
7	Tyre for Constructon Machines/Tippers	600	No.	China/Tanzania
8	Tyre for Constructon Machines/Tippers	400	No.	China/Tanzania
9	Tyre for Constructon Machines/Tippers	1,200	No.	China/Tanzania
D.	Material			
1	Water for Construction	175,725	m3	Tanzania
2	Electricity for Construction	2,500,000	kwh	Tanzania
3	Electric Welding Rod	78	T	China/Tanzania
4	Steel Grates Size 208mm x 1300mm	2,004	No	China/Tanzania
5	Steel Grates Size 208mm x 1700mm	200	No	China/Tanzania
6	Demolding Agent	44,091	kg	China/Tanzania
7	Nail	14,329	kg	China/Tanzania
8	Lubricant	1,310	kg	China/Tanzania
9	Sealant	787	kg	China/Tanzania
10	Jackrod	657	No	China/Tanzania
11	Grass Seed	10,000	kg	China/Tanzania
12	Trees	5,660	No	China/Tanzania
13	Bolts	8,216	No	China/Tanzania
14	Gamalin Disinfection	39,430	L	China/Tanzania
15	Galvanized Iron Wire	58,194	kg	China/Tanzania
16	Xps To Protect Water Proofing	16,401	m2	China/Tanzania
17	Plastic Warning Tape	3,193	m	China/Tanzania
18	Galvanised Gabion Boxes 2.0 x 1.0 x 1.0m	17,333	m3	China/Tanzania
19	Galvanised Gabion Mattresses 0.3m Thickness	2,500	m3	China/Tanzania
20	Interlocking Blocks, 200x100x80mm Thick	140,000	m2	Tanzania
21	Welded Steel Fabric (a252)	100	T	China/Tanzania
22	Ladder	1,010	No	China/Tanzania
23	Road Stud	10,500	No	China/Tanzania
24	Reflection Bead	9,686	kg	China/Tanzania
25	Oxygen	5,860	m3	China
26	Acetylene Gas	2,133	kg	China
27	Ironware	1,239	T	China
28	Waterproof Cover	42,501	m2	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
29	Precast Concrete Pipe Dn300	4,939	m	Tanzania
30	Precast Concrete Pipe Dn600	2,313	m	Tanzania
31	Precast Concrete Pipe Dn900	83,791	m	Tanzania
32	Precast Concrete Pipe Dn1200	7,383	m	Tanzania
33	Bitumen Pg 76-16	19,037	T	Abroad
34	Mc-70 Cut-Back Bitumen	2,801,124	L	Abroad
35	Bitumen Emulsion (57% Bitumen)	950,520	L	Abroad
36	8 Mm Thick Aluminium Perforated Sheet	35,863	m2	Tanzania
37	Aluminium Plane Sheet	19,336	m2	Tanzania
38	Roof Covering Sloping Aluminium Plane Sheet	57,788	m2	Tanzania
39	Plain Ridge Capping Aluminium Plane Sheet	6,492	m	Tanzania
40	Steel Purlin	598	T	Tanzania
41	Fiber for Concrete	9,273	T	China
42	Elastomeric Bearings 2000kn	196	No	Tanzania
43	Elastomeric Bearings 2800kn	56	No	Tanzania
44	Cement 42.5	59,764	T	China / Tanzania
45	Cement 32.5	67,026	T	China / Tanzania
46	Sand	532,368	m3	Tanzania
47	Aggregate	509,899	m3	Tanzania
48	Riprap	30,407	m3	Tanzania
49	Dump Rock for Riprap/Rock Fill	100,407	m3	Tanzania
50	Crushed Aggregate Class Crr	65,000	m3	Tanzania
51	Crush Dust	49,628	m3	Tanzania
52	Section Steel	802	T	China
53	Unframed Weldable Mild Steel	959	T	China
54	High Yield Stress Steel Reinforcement	12,000	T	China
55	Prestressing Longitudinal Tendon	858	T	China
56	Corrugated Pipe	152	T	China
57	Corrugated Iron Sheet	20,000	pcs	Tanzania
58	Steel Pipe Dn150	4,976	m	China/Tanzania
59	Steel Pipe Dn200	34,280	m	China/Tanzania
60	Steel Pipe Dn250	6,705	m	China/Tanzania
61	Steel Pipe Dn300	4,996	m	China/Tanzania
62	Steel Pipe Dn400	32,451	m	China/Tanzania
63	Steel Pipe Dn450	1,282	m	China/Tanzania
64	Steel Pipe Dn600	8,544	m	China/Tanzania
65	g7 Backfilling Material	262,500	m3	Tanzania
66	g15 Backfilling Material	78,000	m3	Tanzania
67	g25 Natural Gravel	79,500	m3	Tanzania
68	g45 Natural Gravel	268,500	m3	Tanzania
69	Thermoplastic Road Marking Material	450	t	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
70	Steel Formwork And Accessories	600	t	China
71	Scaffold & Accessories	800	t	China
72	Bamboo Plywood	8,000	pcs	China
73	Upvc/Pvc Pipe 100 Mm	30,000	m	China
74	Upvc/Pvc Pipe 150 Mm	95,000	m	China
75	Upvc/Pvc Pipe 200 Mm	4,000	m	China
76	Upvc/Pvc Pipe 250 Mm	4,000	m	China
77	Upvc/Pvc Fittings	200	set	China
78	Highway Guardrail	3,054	m	China
79	Road Sign			
80	Information Signs At Bus Stations	200	No	China/Tanzania
81	Circular Regulatory Diameter 900mm	218	No	China/Tanzania
82	Rectangular Regulatory, Height 600mm x Width 450mm	804	No	China/Tanzania
83	Triangular Regulatory And Warning: Side Length 900	1,036	No	China/Tanzania
84	Additional Road Sign Plate	900	m2	China/Tanzania
85	Route Direction Signs	1,670	m2	China/Tanzania
86	Street Light			
87	Automatic Light Controller, 12/24v / 20a, Automatic Operation, Multi Work Module, Overcharge Protection, Ip65, Overload Protection, Short Circuit, Reverse Polarity, Day And Night Automatic Turn On/off Auto Select, 15a Complete with All Accessories As Specified	170	No	China
88	10 m High Column with 1.5 m Single Arm Outreach And 1.0 m Single Arm Outreach Including Cu (Copper) Grounding Rod with Cu (Copper) Wires And Galvanised Grounding Bolts Set	1,133	No	China
89	1x75w Dc-Dc High Power Led Solar Street Lighting To Be Installed On10 m Poles	170	No	China
90	1x27w Dc-Dc High Power Led Solar Street Lighting To Be Installed On Side Arm of 10m Pole At 5m From Ground	170	No	China
91	Automatic Light Controller-Spare Parts	10	No	China
92	Luminaires (75w Dc-Dc High Power Led) - Spare Parts	20	No	China
93	Luminaires (27w Dc-Dc High Power Led) - Spare Parts	20	No	China
94	10 m High Column with 1.5 m Single	10	No	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	Arm Outreach And 1.0 m Single Arm Outreach Including Cu (Copper) Grounding Rod with Cu (Copper) Wires And Galvanised Grounding Bolts Set			
95	16 Kw Distribution Board	7	No	China
96	Photocell Sensor	15	No	China
97	Contactors Installed In Distribution Board	15	No	China
98	6 Amp MccBS for Protection of Individual Lamp Circuits	983	No	China
99	80w High Power Led Street Lighting Luminaire In Die Cast Aluminium (Lm5) with Integrated Driver Phillips Roadgrade Or Thorn Or Equivalent Make As Specified And Approved By The Engineer	1,013	No	China
100	Luminaires (36w High Power Led As Specified And Approved By The Engineer)	973	No	China
101	63a/0.3a Tpn Rcd Incomer Built In Enclosure Distribution Board with Rated Mcb's As Per Drawing c/w Neutral And Earth Copper Terminating Bars 6 Ways And with 63a Tpn Automatic Change Over Switch c/w Enclosure As Per Abb Make	3	No	China
102	13a Twin Switched Socket Outlet c/w Steel Box As Abb Cso 213	6	No	China
103	13a Single Switched Socket Outlet c/w Steel Box As Abb Cso 213	3	No	China
104	20a Dp Control Switch with Neon Indicator As Abb Csw 234 c/w Metal Steel Box	3	No	China
105	20a Dp Control Switch with Neon Indicator As Abb Csw 234 c/w Metal Steel Box	3	No	China
106	Telephone Switch Outlet c/w Metal Box	6	No	China
107	Computer Data Outlet Terminal c/w Metal Box	6	No	China
108	Voice /Public Address Terminal Point c/w Metal Box	6	No	China
109	Recessed Low Energy Luminaries with Integral Gear 28w As Thorn Lero 2d28w	9	No	China
110	10a One Gang One Way Flush Switch	18	No	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	c/w Metal Box As Abb Cat No.			
111	10a Two Gang One Way Flush Switch c/w Metal Box As Abb Cat No.	6	No	China
112	10a Three Gang One Way Flush Switch c/w Metal Box As Abb Cat No.	18	No	China
113	10a Four Gang One Way Flush Switch c/w Metal Box As Abb Cat No.	6	No	China
114	36w Led Light Including Fitting As Approved By The Engineer	72	No	China
115	16w Light Fitting As Thorn Danube Das Og 2d 16 w c/s Integral Emergency Connected Gear And Grill	60	No	China
116	80w 56 Inch Sweep Ceiling Fan c/w Regulator, Ceiling Rose Hook As Per National Panasonic	24	No	China
117	Self Contained Single Sided Exit Sign for Suspension Cantilever Mounting with 8w Fluorescent Tube Non Maintained 3 Hours Duration Thorn Exb3	12	No	China
118	36w Led Light Including Fitting As Approved By The Engineer	72	No	China
	Air Extract Capacity: 25 l/s, At 50pa	4	No	China
119	Traffic Light			
120	16 Group Intersection Controller Upgradable To 32	24	No	China
121	32 Group Intersection Controller	20	No	China
122	Detector Module, 4 Channel	25	No	China
123	Gprs Module	44	No	China
124	Gps Module	44	No	China
125	Accessible Pedestrian Button	18	No	China
126	q3x100mm Auto Traffic Signal Light (Red/Yellow/Green)	150	No	China
127	q3x200mm Auto Traffic Signal Light (r/y/g)	420	No	China
128	q3x300mm Auto Traffic Signal Light (r/y/g)	680	No	China
129	q2x200mm Pedestrian Traffic Signal Light (r/y/g)	400	No	China
130	Audible Warning Device for Disabilities	150	No	China
131	q2x200mm Animated And Countdown Pedestrian Signal Light (r/g)	105	No	China
132	Electric Cable			
133	600/1000v Grade 16 Sq.Mm 4 Core	39,624	m	China
134	2.5 Sq.Mm 3 Core Flexible Pvc/Swa/Pvc Copper Cable for	14,745	m	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	Terminating Photo Cell			
135	2 x 6 Mm2 Nyy Cable	6,650	m	China
136	5 x 1.5 Mm2 Nyy Cable	2,000	m	China
137	7 x 1.5 Mm2 Nyy Cable	5,000	m	China
138	10 x 1.5 Mm2 Nyy Cable	7,000	m	China
139	14 x 1.5 Mm2 Nyy Cable	22,000	m	China
140	18 Mm Copper Grounding Rod	795	m	China
141	q10 Mm Copper Grounding Cables And Connections Bolts	1,520	m	China
142	4-6 Mm Cable Terminals	1,200	m	China
143	1.5mm Pvc (Cu) Single Core Pvc Cable Red	2,400	m	China
144	1.5mm Pvc (Cu) Single Core Pvc Cable Black	1,800	m	China
145	1.5mm Pvc (Cu) Single Core Pvc Cable Green	1,800	m	China
146	1.5mm Pvc (Cu) Single Core Pvc Cable Green	2,400	m	China
147	1.5mm Pvc (Cu) Single Core Pvc Cable Green	2,400	m	China
148	1.5mm Pvc (Cu) Single Core Pvc Cable Green	2,400	m	China
149	16mm Square, 4 Core Pvc Swa Pvc Cable (Cu)	360	m	China
150	Cable Poly Ff No. 1 100/0.5	500	m	China
151	Cable Poly Ff No. 1 200/0.5	790	m	China
152	Cable Poly Ff No. 1 600/0.5	2,730	m	China
153	Cable Poly Ff No. 1 800/0.5	800	m	China
154	Cable Poly Ff No. 1 1200/0.5	550	m	China
155	Cable Arm No. 2 200/0.5	170	m	China
156	Cable Arm No. 2 100/0.5	320	m	China
157	Cable Arm No. 2 30/0.5	360	m	China
158	Cable Arm No. 2 10/0.5	270	m	China
159	Duct Pvc 100mm	16,720	m	China
160	2.5 Sq.Mm 3 Core Flexible Pvc/Swa/Pvc Copper Cable for Terminating Photo Cell	983	NO	China
161	2.5 Sq.Mm 3 Core Flexible Pvc/Swa/Pvc Copper Cable for Terminating Photo Cell	492	NO	China
162	Poles Wood h8m	10	pcs	China
163	Pole Mounted Dp 10 Pair	10	pcs	China
164	Jointing Closure 100 Pairs	12	pcs	China
165	Jointing Closure 200 Pairs	7	pcs	China
166	Jointing Closure 600 Pairs	4	pcs	China
167	3m Uy Connecters	36,460	pcs	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
168	Frames And Cavers No. 7e	58	pcs	China
169	Bracket Cable Berrers No. 3	116	pcs	China
170	Cable Berrers No.3	116	pcs	China
171	Bolts Lewis	320	pcs	China
172	Pins Locking	68	pcs	China
173	Rod Stay No. 3	7	pcs	China
174	Cross Head Stay No. 3	7	pcs	China
175	Plates Stay	7	pcs	China
176	Warning Tape	9,848	m	China
177	Steel Pipe	9	pcs	China
178	24 Core Optic Fibre Cable	7,800	m	China
179	Universal Closure Complete (Mechanical), Fibre 24 Cores	4	pcs	China
180	Sub Duct	2,710	m	China
181	Couplers for Sub Duct	18	pcs	China
182	Tape Sealing No. 1	21	pcs	China
183	Tape Sealing No. 2	21	pcs	China
184	Hdpe Pipe	1,800	m	China
185	Couplers for Hdpe	11	pcs	China
186	Solar Panel			
187	Pole Mounted Solar Panel 170wp, Mono / Poly / Silicon Crystalline, Aluminum Frame, -30oc - +70oc Working Temperature	170	No	China
188	Battery, Gel Deep Cycle Or Equivalent, 150ah, 12/24v Including Locked Steel Battery Box with Door, Battery Mounting On Pole 5m From Ground And Battery Cable with Connectors, Fuse And Charge Controller Mounting In The Battery Box	170	No	China
189	Solar Panel, 170wp, 23.9v	10	No	China
190	Battery, 25.6v, 150ah, 10a/10a	10	No	China
191	q2x300mm Animated And Countdown Pedestrian Signal Light (r/g)	115	No	China
192	q1x200 Single Arrow Traffic Light	40	No	China
193	q1x300 Single Arrow Traffic Light	20	No	China
194	q1x200 Single Traffic Flash Light	10	No	China
195	q1x300 Single Traffic Flash Light	20	No	China
196	q1x200 Solar Single Traffic Flash Light	40	No	China
197	q1x300 Solar Single Traffic Flash Light	60	No	China
198	q1x200mm Count Down Timer (r/g)	20	No	China
199	q1x300mm Count Down Timer (r/g)	156	No	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
200	Solar Traffic Arrow Sign	20	No	China
201	Solar Dangerous Bend Direction Sign	20	No	China
202	Solar Rotational Intersection Traffic Sign	20	No	China
203	Solar Pedestrian Traffic Sign	20	No	China
204	6.0 m (5"x4"x3") Hot Dip Galvanised Overhead Traffic Signal Light Pole.	360	No	China
205	3.5 m 4" Hot Dip Galvanised Standard Traffic Signal Light Pole	450	No	China
206	2.5m Omega Solar Traffic Sign Pole	80	No	China
207	16-32 Group Turn Key of The Traffic Signal Lights System (Take On The System)	1	LS	China
208	Traffic Lighting System Software, Materials Inspection At Factory By 5 Persons From The Parties Prior To Ordering, Training, Testing of System And Commissioning.	1	LS	China
209	Safety Boots	3000	Pair	China
210	Safety Helmet	3800	No.	China
211	Reflective Vest	3800	No.	China
212	Rain Boot	3800	Pair	China
213	Raincoat	3800	No.	China
214	Geotextile	25000	m2	China
215	Safety Gear	8	batch	China
E. Survey Equipment And Accessories				
1	Calculator, Casio	200	no.	China/EU
2	Gps	6	no.	China/EU
3	Level Instrument	100	no.	China/EU
4	Metal Leveling Staves 5m (Telescopic).	100	no.	China/EU
5	Metal Pocket Ruler.	50	no.	China/EU
6	Optical Square.	10	no.	China/EU
7	Steel Tape 5m-100m	150	no.	China/EU
8	Measuring Tape 50m-100m	100	no.	China/EU
9	Surveying Umbrella.	50	no.	China/EU
10	Theodolite	2	no.	China/EU
11	Total Station	4	no.	China/EU
12	Surveying Software	4	no.	China/EU
13	Foot Plate	20	no.	China/EU
14	Hand Book Theodolite	50	no.	China/EU
15	Hand Book Level Instrument	50	no.	China/EU
16	Walkie-Talkie	50	no.	China/EU
17	Walkie-Talkie Relay Station	4	no.	China/EU

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
18	Miscellaneous Survey Equipment /Tools	1	batch	China/EU
F.	Laboritory Testing Equipment And Accessories			
1	Hand Compaction Test Apparatus	12	unit	EU/China
2	Hand Compaction Test Apparatus	8	unit	EU/China
3	Trichloroethylene	5,000	L	China
4	Cbr Mould with All Accessories	24	set	EU/China
5	Cbr Test Machine	4	unit	EU/China
6	Sand Pouring Cylinder	20	set	EU/China
7	Sand Pouring Cylinder	20	set	EU/China
8	Digital Plasticity Tester	4	unit	EU/China
9	Liquid Limit Tester	4		EU/China
10	Electric Oven	8	unit	EU/China
11	Light Penetrometer	4		EU/China
12	Sample Extruder (Manual)	4		EU/China
13	Sample Extruder (Eletrical)	4	unit	EU/China
14	Kango Hammer	8		EU/China
15	Prd Vibrating Hammer Compactor	4	unit	EU/China
16	Nuclear Gaugage	4		EU/China
17	Electric Sieve Shaker	4	piece	EU/China
18	Acv Apparatus	8	piece	EU/China
19	Laa Machine	4	unit	EU/China
20	Sand Equivalent Equipment	4		EU/China
21	Set of Riffle Box	8	piece	EU/China
22	Mortor Compressor	4	unit	EU/China
23	Cement Mortor Mixer	4	unit	EU/China
24	Mortor Mixer	4	unit	EU/China
25	Cement Initial Setting And Final Setting Timer	4	unit	EU/China
26	Boiler	4	unit	EU/China
27	Le Chatelier	40	piece	EU/China
28	Automatic Bitumen Penetrometer	4	unit	EU/China
29	Softening Point Tester	4	unit	EU/China
30	Flashpoint Tester	4	unit	EU/China
31	Binder Recovery	4	unit	EU/China
32	Marshall Compactor	4	unit	EU/China
33	Laboratory Mixer	4	unit	EU/China
34	Centrifuge	4	unit	EU/China
35	Water Bath	8	unit	EU/China
36	Petrol Driven Core Cutter with All Accessories Spare Kits	4	unit	EU/China
37	Hotplate	12	unit	EU/China
38	Marshall Compression Testing Machine	4	unit	EU/China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
39	Core Cutter	4	unit	EU/China
40	Core Grinder	4	unit	EU/China
41	Eletric Scale	40	unit	EU/China
42	Eletric Balance	40	unit	EU/China
43	Hydrostatic Balance	8	unit	EU/China
44	Sieves of Various Types And Sizes	40	unit	EU/China
45	Various Glass Container	800	piece	EU/China
46	Various Thermometer	120	piece	EU/China
47	Laboratory Chemicals	2	batch	EU/China
48	Other Lab Equipment And Machines	2	batch	EU/China
49	Laboratory Tools, Consumables	2	batch	EU/China
G.	Prefab-House, Funiture, office Equipment			
1	Prefabricated Building	6,000	m ²	China
2	Inkjet Plain Paper Fax Machine	6	no.	China/Tanzania
H.	Electrical Supplies	6	batch	
1	Megohmmeter	12	piece	China/kenya
2	Digital Multimeter	18	piece	China/kenya
3	Numerical Priers Type Watch	18	piece	China/kenya
4	Phase-Order Indicator	6	piece	China/kenya
5	Test Pensil	120	piece	China/kenya
6	Infrared Thermometer	6	piece	China/kenya
7	Thermometer	40	piece	China/kenya
8	Digital Thermometer	50	piece	China/kenya
9	Hydraulic Cable Tong	12	set	China/kenya
10	Electric Stove	6	piece	China/kenya
11	Electro-Magnetic Starter	400	piece	China/kenya
12	Distribution Box	80	number	China/kenya
13	Transformer	6	number	China/kenya
14	Power Supply Fittings	1	batch	China/kenya
15	Miscellaneous Electrical Tools And Comsumables	1	batch	China/kenya
I.	Fuel Etc			
1	Engine Oil	769,231	L	
2	Hydraulic Oil	1,122,500	L	
3	Gear Oil	1,034,884	L	
4	Grease	1,269,841	L	
5	Heat Conducting Oil	305,882	L	
6	Kerosene	2,250,000	L	
J.	Laboratory for The Engineer			
1	Desks, Minimum 1.8 m x 0.9 m, with Lockable Single Chest of Drawers	2	no.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
2	Table with Smooth Flat Top, Minimum 1.8 m x 0.9 m	2	no.	China
3	Table Lamps	4	no.	China
4	Swivel Type Desk Chairs	4	no.	China
5	Visitors Chairs	4	no.	China
6	Waste Paper Baskets	2	no.	China
7	Filing Trays	4	no.	China
8	Wall Boards 2.4 x 1.2 m	2	no.	China
9	Steel Cupboard with Shelves	2	no.	China
10	Steel Filing Cabinet with 4 Lockable Drawers	2	no.	China
11	Shelves, 2 m Long	4	no.	China
12	Air Conditioner, 12,000 Btu/Hr	4	no.	China
13	Portable Fan	2	no.	China
14	Work Benches	6	no.	China
15	Curing Tanks	2	no.	China
16	Stools, 1 m High	8	no.	China
17	Stools, 0.4 m High	8	no.	China
K.	Compaction			
1	Compaction Mould, 1 Litre Capacity, Complete with Base Plate And Extension Collar 101.6 Mm Internal Diameter×116.43 Mm High	4	No.	China
2	Compaction Hammer, 2.49 Kg, Drop Regulated To 304.8 Mm	4	No.	China
3	Compaction Hammer, 4.536kg, Drop Regulated To 457.2 Mm	4	No.	China
4	Electric Vibrating "Kango" Hammer Fitted with Steel Tamper (BS 1377) with Support Frame	3	No.	China
5	Straight Edge, 300 Mm Long, with Handles	18	No.	China
6	Steel Tamper (BS 1377) Compatible with The Kango Hammer	6	No.	China
7	Compaction Mould, 152.4mm Dia× 116.43mm High, Complete with Base Plate And Extension Collar	9	No.	China
8	Galvanized Metal Tray, 1.0m×0.5m×75mm Deep	18	No.	China
9	75mm Brush	9	No.	China
10	Semi Automatic Balance, 25 Kg Capacity, Accurate To 1 g, Including Weights	9	No.	China
11	20 Mm BS Sieve, 300 Mm Diameter	3	No.	China
12	Set of French Curves	6	No.	China
13	Stop Clock	9	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
14	Organic Content Complete	2	No.	China
L.	Density(Sand Replacement Method BS 1377)			
1	Metal Containers, 450 Mm Diameter	24	No.	China
2	Stainless Steel Tray,305 Mm Diameter	12	No.	China
3	Metal Tray with 150 ,, Diameter Hole In The Centre, 300 Mm× 300 Mm Square Or Equivalent Area,40 Mm Deep	12	No.	China
4	Metal Tray with 200 Mm Dameter Hole In The Centre, 500 Mm× 500 Mm Square Or Equivalent Area, 50 Mm Deep	12	No.	China
5	Steel Pegs for Fixing Tray In Position	200	No.	China
6	Sand Pouring Cylinder,150 Mm Diameter	12	No.	China
7	Cold Steel Chisel, 20 Mm Dia.×300 Mm Long	24	No.	China
8	Cold Steel Chisel, 10 Mm Dia.×250 Long	24	No.	China
9	1.5kg Hammer	36	No.	China
10	Scoop for Removing Excavated Material From Density Hole,250 Mm Long Handles.	36	No.	China
11	100 Mm Soft Brush	12	No.	China
12	50 Mm Soft Brush	24	No.	China
13	Calibrating Can, 150 Mm Dia.×150 Mm Deep	12	No.	China
14	Calibrating Can, 200 Mm Dia.×250 Mm Deep	12	No.	China
15	Plastic Container Jars Neck 125 Mm Diameter And 4 Litre Capacity	3	No.	China
M.	Density Test (Nuclear Density Method:Aashto t238)			
1	Nuclear Moisture - Density Gauge(Troxler 3411b Or Similar Approved)	4	No.	China
2	Hole Forming Device for The Troxler	12	No.	China
3	Guide for The Hole Forming Device	12	No.	China
4	Rapid Density Set Complete Incl. Speedy Moisture Tester.	4	No.	China
N.	CBR (BS 1377)			
1	Automatic Cbr Compactor According To BS Or Aashto, Falling Height Adjustable From 300 Mm To 457 Mm, Rammer Weight 2.5 Kg And 4.5 Kg, 50 Mm Diameter Automatic Count Selectors	3	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
2	Central Extractor, Complete with 20 Kn Hydraulic Jack And Adaptor for Cbr Projector for 100 Mm And 150 Mm	3	No.	China
3	Cbr Mould, 127 Mm High ×152.4 Mm Dia. Complete with Perforated Base Plate And Extension Collar, 50.8 Mm High	200	No.	China
4	Perforated Swell Plate, 150 Mm Dia, with An Adjustable Centre Post of Rust-Proof Metal Provided with Lock-Out	200	No.	China
5	2kg Annular Surcharge Weight	200	No.	China
6	Solid Base Plate Cbr Mould	200	No.	China
7	Static Compaction Plug	12	No.	China
8	50 Mm. 70 Mm, 100 Mm Distance Piece	6	No.	China
9	Disc Lifting Handle	6	No.	China
10	Static Compaction Press, 50 Mm Tonnes Capacity, with An Adjustable Daylight Between Plates From 530mm To 250 Mm, Hydraulic Or Mechanical Operation, Hand-Operated	3	No.	China
11	Set of Guards for Item 43 Above	3	No.	China
12	Cbr Load Frame (Electric And Hand-Operated), with 50 Kn Proving Ring And Complete with All Accessories.	3	No.	China
13	Stabilising Bar for Item 45 Above.	3	No.	China
14	Proving Ring; As In Item 45 Above But 28 Kn Capacity	3	No.	China
15	Proving Ring; As In Item 45 Above But 10 Kn Capacity	3	No.	China
16	Penetration Gauge, 0- 25mm	6	No.	China
17	Cbr Piston Including Bracket	3	No.	China
18	Swell Measurement Tripod, Complete with Gauge Calibrated In 0.01 Mm Divisions	6	No.	China
19	Soaking Tank Sufficient for 100 Cbr Moulds.	3	No.	China
20	Tamping Steel Bar, 13 Mm Diameter, 300 Mm Long	3	No.	China
O.	Specified Gravity of Aggregates(BS 812)			
1	Wire Mesh Basket with Apertures Not Greater Than 6.5 Mm And The Basket To Be Large Enough To Take 2.5 Kg of Aggregate.	3	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
2	Stout Water Tight Container In Which The Basket Above Can Be Freely Suspended Under Water	3	No.	China
3	Soft Absorbent Cloth (Tea Towel)	60	No.	China
4	Shallow Tray of Area Not Less Than 0.065m ²	6	No.	China
5	An Airtight Container of Simiar Capacity To The Basket In Ltem 55 Above	3	No.	China
6	Pycnometer of 1 Lire Capacity	12	No.	China
7	Hairdrier(Electric)	3	No.	China
8	a Semi-Automatic 5 Kg Weighing Balance Accurate To 0.1 g of Size And Type To Permit The Basket Containing The Sample To Be Suspended In Water (To Be Supplied Weights)	3	No.	China
P.	Flakiness Index (BS 812)			
1	Thickness Gauge	6	No.	China
Q.	Sieve Analysis (BS 1377)			
1	Set of BS Sieves, 300 Mm Diameter, In Size 75 Mm , 63 Mm, 50 Mm, 37.5 Mm , 28 Mm, 20 Mm, 14 Mm, 10 Mm, 6.3 Mm , 5 Mm And 4 Mm Plus Lid And Receiver.	8	No.	China
2	Set of BS Sieves, 200 Mm Diameter , In Sizes 2 Mm, 1 Mm, 0.6 Mm, 0.5 Mm, 0.425 Mm, 0.300 Mm, 0.150 Mm And 0.075 Mm Plus Lid And Receiver.	8	No.	China
3	Electric Sieve Shaker	8	No.	China
4	BS Sieve,200 Mm Diameter, Size 0.425 Mm And 0.075 Mm	6	No.	China
5	1m×1m×75 Mm Deep Galvanised Metal Tray	60	No.	China
6	Riffle Box with 50 Mm Slots(BS 1377)	6	No.	China
7	Riffle Box with 10 Mm Slots(BS 1377)	3	No.	China
8	Specimen Mould Assembly	18	No.	China
9	Specimen Extractor	3	No.	China
10	Core Cutter Complete	3	No.	China
11	Marshall Compactor Complete	3	No.	China
12	Marshall Testing Machine Complete, Including Flow Meter	3	No.	China
13	Electric Mixer with Isomantle	3	No.	China
14	Water Bath	3	No.	China
15	200 Mm × 200 Mm × 50mm Deep Steel Baking Trays	30	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
16	Pots Suitable for Heating Bitumen	30	No.	China
17	Spatulas	15	No.	China
18	Dial Thermometers 10 To 210 Deg.c	15	No.	China
19	Gloves for Handling Hot Material	60	Pairs	China
20	Rubber Gloves To Remove Specimens From Water Bath	60	Pairs	China
21	Flat Bottomed Scoop	6	No.	China
22	Ladle for Placing Mixture In Moulds	6	No.	China
23	Percentage Refusal Density Test			China
24	Vibratory Hammer a Minium Power Consumption of 75w Operating At 50 Or 60 Hz Complete with Shanks, Tampers, 8 Moulds And 9 Base Plates	6	Set	China
R.	Maximum s.g. of Bitumious Paving Mixtures(ASTM D2041)			
1	Balance of Sufficient Capacity And Sensitivity To Enable Maximum Specific Gravity of Samples of Uncompacted Paving Mixtures To Be Calculated To At Least Four Significantfigures.It Shall Be Equipped with a Suitable Suspension Apparatus To Permit Weighingof The Samples While Suspended Centre of The Pan	3	NO.	China
2	Vacuum Pump	3	No.	China
3	Glass Or Metal Container of At Least 1000ml Capacity It Shall Be Sufficiently Strong To Withstand a Partial Vacuum.It Shall Have a Over Fitted with a Rubber Gasket And a Hose Conection.Fine Wire Mesh Shall Cover The Hose Opening To Provent Loss of Fines.	3	No.	China
S.	Quantitative Extraction of Bitumen ASTM D2127 And ASTM D95			China
1	Water Bath for Use with Bowl Suitable for Immersing The Bowl And Apparatus for Suspending The Bowl From The Centre of The Scale Pan.	3	No.	China
2	Oven Capable of Maintaining Temparature At 100 To 104 Deg.c	3	No.	China
3	Flat Pan 300 Mm×200mm×25mm Deep .	3	No.	China
4	Balance Capaity 5000 g Accurate To 0.2g	3	No.	China
5	Balance Capacity 15000 g Accurate t o 1.0 g	3	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
6	Balance Capaity 5000 g Accurate To 1.0g	8	No.	China
7	Small Mouth Graduate 1000 MI Capacity	9	No.	China
8	Ignition Dish 125 Mm Capacity	6	No.	China
9	Desiccator	3	No.	China
10	Analytical Balance	3	No.	China
11	Centrifuge To Astm e2172	3	No.	China
12	Filter Rings for Centrifuge	1,500	No.	China
13	Reflux Condenser To Astm e95	12	No.	China
14	Trichloethylene Reagent Grade	1,500	Itr	China
15	Extractor Fan	3	No.	China
T.	Recovery of Bitumen From Solution			
1	Centrifuge To Aashto t170	3	No.	China
2	Centrifuge Tubes	60	No.	China
3	Distillation Assembly To Aasthto t170	3	No.	China
4	Water Jacketed Condenser	3	No.	China
5	Astm Low Distillation Thermometer with Range -2 To 300 Deg. c	6	No.	China
6	Gas Flow Meter	3	No.	China
7	Corks Drilled As Aashto t170	60	No.	China
8	Separator Funnel 125 MI Capacity	3	No.	China
9	Supply of Carbon Dioxide	300	Kg.	China
U.	Miscellaneous Laboratory Reagents			
1	Flexing Tubing	150	m	China
2	Sodium Hexamataphosphate	30	Kg.	China
3	Sand for Density Test	500	Kg.	China
4	Calcium Carbide	30	Kg.	China
5	Sodium Sulphate(Anhydrous Salt)	60	Kg.	China
6	Sodium Hydroxide(Reagent Grade)	3	Kg.	China
7	Potassium Dichromate(Reagent Grade)	0	Kg.	China
8	Sulphuric Acid (Concentrated)	2	Itr	China
V.	Miscellaneous Laboratory Equipment			
1	Rolling Straight Edge	3	No.	China
2	Wheel Barrow	18	No.	China
3	Dustpan Brush	12	No.	China
4	Shovel	30	No.	China
5	Pick Axe with Handle	18	No.	China
6	Metal Scoop.Large(150 Mm Wide)	12	No.	China
7	Metal Scoop. Medium (100 Mm Wide)	18	No.	China
8	Garden Trowel	12	No.	China
9	Steel Tray 0.3m×0.3m×0.01m Deep	60	No.	China
10	3.5 Kg Hammer	6	No.	China
11	7 Kg Hammer	6	No.	China
12	Rubber Mallet (1 Kg)	12	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
13	Cold Steel Chisel	18	No.	China
14	1.0 Metre Straight Edge	9	No.	China
15	Oven,Electric Thermostatically Controlled To Any Temperature From 10° To 150°C ,0.225m3 Main Capacity Including Dial Thermometer Range 10°-160°C(BS 1377)	12	No.	China
16	As Ltem 214 Above But Gas	6	No.	China
17	Single Plate Electric Cooker	6	No.	China
18	3 Metre Straight Edge Including Calibratded Wedges	3	No.	China
19	Moisture Content Tin,75mm Diameter,Cadmium Plated Or Aluminium with Lids	500	No.	China
20	Liquid Limit Device,Complete with 2 Grooving Tools To BS 1377, And Gauge	6	No.	China
21	Cone Pentrometer with Test Gauge,Automatic Controller,Penetration Test Cup,Metal Straight Edge And Spare Cone	12	No.	China
22	500mm×500mm×10mm Glass Plate(BS 1377)	12	No.	China
23	Steel Rod 75mm Long ×3.2mm Diameter	6	No.	China
24	Palette Knife 200 Mm Long Blade	18	No.	China
25	Palette Knife 100 Mm Long Blade	18	No.	China
26	BS Sieve 300 Mm Diameter,37.5 Mm	3	No.	China
27	BS Sieve 300 Mm Diameter,20 Mm	3	No.	China
28	BS Sieve 300 Mm Diameter,5 Mm	3	No.	China
29	BS Sieve 300 Mm Diameter,0.6 Mm	3	No.	China
30	BS Sieve 300 Mm Diameter,0.425 Mm	6	No.	China
31	BS Sieve 300 Mm Diameter,0.3 Mm	3	No.	China
32	BS Sieve 300 Mm Diameter,0.075 Mm	12	No.	China
33	Lid And Receiver for The Each of The Above Seives	3	Set.	China
34	BS Sieve Brush	3	No.	China
35	Measuring Cylinder Set,25ml,100ml,500ml,1000ml,2000ml	9	Set.	China
36	Glass Jar Capacity 5 Litres with Lid	60	No.	China
37	200mm×200mm×20mm Cadmium Plated Or Aluminium Tin	150	No.	China
38	Electronic Balance Capacity 1000 g Accurate To 0.01 g	6	No.	China
39	Electronic Top-Pan Balance 2500 g Capacity, Sensitive To 0.01g	4	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
40	Balance 2000 g Capacity Accurate To 0.1g (Manual) Including Weights	8	No.	China
41	Balance 50 Kg Capacity Accurate To 10 g Including Weights	8	No.	China
42	Still for Producing Distilled Water	3	No.	China
43	Polythene Or Glass 20 Litres Storage Vessels with Tap At The Bottom	3	No.	China
44	Stiff Broom	12	No.	China
45	Vernier Calipers,150 Mm	3	No.	China
46	Vernier Calipers,250 Mm	3	No.	China
47	Pestel And Mortar	3	No.	China
48	Linear Shrinkage Mould(BS 1377)	30	No.	China
49	Average Least Dimension Gauge	3	No.	China
50	Lockable Tool Box Containing:1 Pair "Molegrips",2×150 Mm Screw Driver,2×200 Mm Screw Driver,2×300 Mm Screw Driver,2×200 Mm Screw Driver,2×300 Mm Screw Driver,(1 Standard And 1 Phillips Head of Each)Adjustable Spanners 200 Mm And 300 Mm , 1 Pair Roundnose	4	No.	China
51	Plastic Or Metal Bucket Including Lid, 10 Litres Capacity	30	No.	China
52	Polythene Wash Bottle (500 Ml)	18	No.	China
53	20 Litre Capacity Jerricans Complete with Lid for Storage of Water	60	No.	China
54	a4 Size Clipboard	30	No.	China
55	Thermometer ,Range-50°C To 150°C, Glass(BS 593)	12	No.	China
56	Laboratory Thermometer , Range 0° To +250°C (BS 593)	6	No.	China
57	Maximum/Minimun Thermomter (BS b692)	3	No.	China
58	Rain Guage	9	No.	China
59	Portable Dial Thermometer + 50°C -+ 250 °C Accurate To ±3% with 0.75 m Long Stem	6	No.	China
60	Pocket Dial Gauge Thermometer + 50°C To + 250 °C Accurate To ±3% with 0.1 m Long Stem	12	No.	China
61	Hot Plate 200 Mm Diameter with Simmerstat Heat Control Unit	6	No.	China
62	5 Litres Capacity Steel Storage Containers with Leak And Dust Proof Lids for Storage of Bitumen Samples	300	No.	China
63	450 Mm Diameter × 150 Mm Deep Karais	36	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
W.	Concrete:Slump And Cube Manufacture			
1	Slump Cone,Tamping Rod And Base Board	6	Set	China
2	Concrete Cube Mould, 150 Mm × 150 Mm 150mm	90	No.	China
3	Soaking Tank for Cubes(Capacity 50 No.)	3	No.	China
4	Tamping Steel Bar, 13 Mm Diameter ,300 Mm Long	9	No.	China
X.	Concrete:Cube Compression Testing			
1	Concrete Compression Machine To BS ,1610 Grade a, Electric/Manually- Operated with 300 Mm Gauge,Rectangular Plattens ,1650 Kn Capacity.	4	No.	China
2	Safety Guard for Equipment In Ltem 189 Above.	4	No.	China
3	50 mm Distance Spacer for Ltem 189 Above.	8	No.	China
4	70 mm Distance Spacer for Ltem 189 Above.	8	No.	China
5	100 mm Distance Spacer for Ltem 189 Above.	8	No.	China
6	Mechanical Load Pacer	4	No.	China
Y.	Aggregates And Chippings			
1	Sand Equivalent Equipment To Aashto t176 Including a Graduated Plastic Cylinder,Rubber Stopper,Irrigation Tube,Weighted Fill Assembly Siphon Assembly, 85 Ml Tinned Box (57 Mm Dia.),Wide Mouth Funnel (100 Mm Dia.),Stop Clock,Mechanical Shaker And 10 Litr	4	Set	China
2	Beaker 250 Ml	6	No.	China
3	Thermometer, 0°C To + 50°C	6	No.	China
4	Thermometer, 0°C To + 250°C	6	No.	China
5	Reagent Grade Silica Gel,500 g Container	60	No.	China
6	Aggregate Crushing Value Apparatus ,130 Mm Nominal Diameter ,Including Plunger And Base Plate	4	No.	China
7	Tamping Rod And Metal Measure for Above (BS 812)	4	Set	China
8	Transverse Distribution of Spray Test for Bitumen Distributor (Depot Tray Test To BS 1707) Equipment	4	Set	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
9	Steel Tray 20 Mm Deep × 0.1 m ² (for Measuring Bitumen Spray Quantity)	15	No.	China
10	Purpose Made Detachable Handle 1.5 m Long To Enable The Above Trays To Be Picked Up	6	No.	China
Z	Consumables for laboratory			
1	Paraffin Wax	150	kg	China
2	Gas	4,800	kg	China
3	Gunny Sack	7,200	No.	China
4	Plastic Bag 900 Mm × 450 Mm × 1000 Gauge	12,000	No.	China
5	Plastic Bag 450 Mm × 300 Mm × 1000 Gauge	6,000	No.	China
6	Filter Paper 150 Mm Dia. Watman No. 5 (Boxes of 100)	300	No.	China
7	Filter Paper 400 Mm Dia. Watman No. 5 (Boxes of 101)	60	No.	China
8	Filter Paper 100 Mm Dia. Watman No. 5 (Boxes of 100)	60	No.	China
9	Trichloroethylene (205 Litre Drum)	6	No.	China
10	Cotton Waste (Or Drying Cloths)	300	kg	China
11	Filter Paper 270 Mm Dia. with 33 Mm Dia. Hole In Centre , Watman No. 5 (Boxes of 100)	45	No.	China
12	Filter Paper 400 Mm Dia. Watman No. 54 (Boxes of 100)	30	No.	China
13	Gas Cylinder Compatible with Stove Supplied Under Item 27	300	No.	China
14	Set of Laboratory Cleaning And Washing Up Equipment.	3	No.	China
15	Set of Curtains for All Windows for The office And Laboratory	3	No.	China
AA.	Office Furniture and Equipment for Engineer			
1	White Board with Accessories for smooth project planning	2	No.	China
2	Wall Boards 2.4 m x 1.2 m for project information	8	No.	China
3	Steel Filing Cabinets, 1300 Mm High, 460 Mm Wide And 600 Mm Deep, Each Fitted with Four Lockable Drawers On Runners for keeping project files.	6	No.	China
4	Steel General Purpose Lockable Cabinets with Shelves with At Least 1.5 Sq.m. Shelf Area for keeping project files.	6	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
5	Steel Drawing Cabinets Suitable for Storing All Contract Drawings for the project	2	No.	China
6	Filing Trays for project	12	No.	China
7	Desktop Computers 27" All In One Touch Screen 7760 Uhd 4k with Articulating Stand with 8th Gen Intel Core i7-6700, Memory 32gb / 1tb Pcie Ssd / Touch / Amd r9 m485x 4gb Gddr5. At Least 5 Usb Ports, with Hdmi Out, Sd Car, Thunderbolt 3, 10/100/1000 Ethernet, And Operating System – Windows 10 Business Or Latest Supplied with Ups (Uninterruptible Power Supply) Unit 1 Kva with Surge Protector, Capable To Support And Back-Up Each Pc for smooth execution of the project.	10	No.	China
8	Laser Printer with Speed of 22 / 11 Pages Per Minute for a4 / a3 And a Resolution of 1200x1200 Dpi with Paper Tray for Both a4 And a3 Including Stationery for The Duration of The Contract for smooth execution of the project.	3	No.	China
9	Colour Laser Printer, with Speed of 28 / 14 Pages Per Minute for a4 / a3 And a Resolution of 1200x1200 Dpi with Paper Tray for Both a4 And a3 Including Stationery for The Duration of The Contract for smooth execution of the project.	1	No.	China
10	Photocopier, with Speed of 35 Pages Per Minute, Resolution 1200 x 1220 Dpi Including Paper And Other Supplies for The Duration of The Contract for smooth execution of the project .	1	No.	China
11	Facsimile Transmitting Machine (Approved By The Engineer)	1	No.	China
12	Plotter, Hp Designjet 750 or Approved Similar Type, Including Provision of Paper, Inks And Maintenance of The Machine for The Duration of The Contract for the project.	1	No.	China
13	Handheld Gps (Garmin Emap) or Latest (1 for The Employer) for the	3	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	project.			
14	Digital Camera, Min. 20.1 Mega Pixels And Min. 64 Gb Sdxc Memory Card, Dual Battery Kit Plus Full Accessory Bundle (1 for Employer Personnel) for the project	2	No.	China
15	Powerpoint Overhead Projector, Wireless, Full Hd 1080p, 2500 Lumens Color Brightness, 2500 Lumens White Brightness (White Colour Light Output), 2xhdmi (1mhl), Miracast, 3lcd Projector with Sxga (1280 x 1024), Contrast Ratio 60,000:1 (1 for Employer) for the project.	2	No.	China
16	Binding Machine (1 for The Employer) for the project	2	No.	China
17	Paper Punches i(1 Heavy Duty And 11 Standard Size Punch Machine) for the project	12	No.	China
18	Paper Staplers (2 Heavy Duty And 10 Standard Size) for the project	12	No.	China
19	Paper Shredder (Heavy Duty), 1 for The Employer for the project	2	No.	China
20	Rain Gauges for the project	3	No.	China
BB. Survey Equipment for The Engineer				
1	Leica Ts16p Total Station with Angular Accuracy of 1" (1 Second) Or Latest Make	2	No.	China
2	Digital Level, Leica Na&Ak Automatic Level	2	No.	China
3	Trimble r10 Gns Receiver Set Or Latest Make	1	Set	China
4	Motorola 10km Tlkr t80 Extreme Twin Long Range Two-Way Long Range Walkie-Talkies Two Way Radio lpx4 Set or Later Version	2	Set	China
5	Wooden Tripod, Heavy Duty	2	No.	China
6	Aluminium Tripod	2	No.	China
7	Sectioned Fibreglass Levelling Staff	4	No.	China
8	Telescopic Pole	5	No.	China
9	Quick Stand for Telescopic Pole	2	No.	China
10	Circular Reflector Prisms with Holders	5	No.	China

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

11	Triple Prism Holder	1	No.	China
12	Plug-In Nimh Battery	3	No.	China
13	Pcmcia-Ata Flashcard, 16 Mb	2	No.	China
14	Rapid Battery Chargers	2	No.	China
15	Steel Tape, 50 m	2	No.	China
16	Steel Tape, 25 m	5	No.	China
17	Fibre-Glass Tapes, 50 m	4	No.	China
18	Ranging Rods, 2.5 m Long	12	No.	China
19	Optical Square	1	No.	China
20	Steel Hammers (4 Kg)	2	No.	China
21	Spirit Levels for Staves	6	No.	China
22	Metal Pocket Tapes (5 m)	10	No.	China
23	Surveying Umbrella	2	No.	China
24	Reflective Road Safety Vests	12	No.	China
25	Writing Boards (Field Book Frames a4 Size with Cover)	10	No.	China
	B. SERVICES			
1	Transportation		CONTRACT	
2	Transportation Fee for Materials, Equipment, and Other Resources	-	CONTRACT	-

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

B. Goods and Services for M/S Mawanjeni Electrical Services Ltd

GOODS AND SERVICES

SN	ITEM DESCRIPTION	QUANTIT Y	UNIT OF MEASURE	PLACE OF PURCHASE (LOCAL OR IMPORTED)
1.	9m pole	212	pc	Local/Imported
2.	13m pole	146	pc	Local/Imported
3.	15m pole	242	pc	Local/Imported
4.	Pole Cap	220	pc	Local/Imported
5.	7'X4"X4" x2"x2" ANGLE/CHANNEL IRON	494	pc	Local/Imported
6.	5'X4"X4" x2"x2" ANGLE/CHANNEL IRON	112	pc	Local/Imported
7.	Danger /Hatari plate	228	pc	Local/Imported
8.	Pole number plate	150	pc	Local/Imported
9.	TIE STRUPS C/W 2" BOLTS & NUTS	376	set	Local/Imported
10.	33 kV Horizontal Style Line Post Insulator - Silicone material	432	unit	Local/Imported
11.	11 kV Horizontal Style Line Post Insulator - Silicone material	108	unit	Local/Imported
12.	AL-binding tape	3000	meter	Local/Imported
13.	Barbed wire	2000	meter	Local/Imported
14.	Eye bolt c/w bolt & washers M20	50	No.	Local/Imported
15.	2" nails	90	kg	Local/Imported
16.	33KV PIN INSULATOR	294	No.	Local/Imported
17.	11KV PIN INSULATOR	235	No	Local/Imported
18.	Section/Landing strap	510	No.	Local/Imported
19.	Tie rod end M20	774	No.	Local/Imported
20.	U-NAILS	93.5	Kg	Local/Imported
21.	12"-14" xM20 bolts Deep galvanized	1512	No.	Local/Imported
22.	2" xM20 bolts deep galvanized	1423	No.	Local/Imported
23.	2" x M16 Full threaded c/w nuts & washers deep galvanized	420	No.	Local/Imported
24.	Round washers M20	958	No.	Local/Imported
25.	Square curved washers M20	228	No.	Local/Imported
26.	Stay rod 8FTXM20	473	No.	Local/Imported
27.	33KV stay insulator	194	NO.	Local/Imported

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

SN	ITEM DESCRIPTION	QUANTIT Y	UNIT OF MEASURE	PLACE OF PURCHASE (LOCAL OR IMPORTED)
28.	11KV stay insulator	129	NO.	Local/Imported
29.	Guy grip for pole	421	NO.	Local/Imported
30.	Guy grop for thimble	1,231	NO.	Local/Imported
31.	18"X18" stay base plate	323	NO.	Local/Imported
32.	Stay wire 7/4.00MM	7.00	KM	Local/Imported
33.	Socket tongue	723	NO.	Local/Imported
34.	Ball ended/pig tail hook	723	NO.	Local/Imported
35.	33kv strain insulator - LONG ROD	447	NO.	Local/Imported
36.	11kv strain insulator - LONG ROD	276	NO.	Local/Imported
37.	Tension clamp 3-4 BOLTS	723	NO.	Local/Imported
38.	100sqmm ACSR	12.20	KM	Local/Imported
39.	150sqmm ACSR	44.20	KM	Local/Imported
40.	240sqmm ACSR	1.50	KM	Local/Imported
41.	95sqmm x 4CORE ABC	4.00	KM	Local/Imported
42.	185sqmm x 1C U/G cable 33kV	12.204	KM	Local/Imported
43.	185sqmm x 1C U/G cable 11kV	15.64	KM	Local/Imported
44.	100sqmm x 4C Armored cable	0.44	KM	Local/Imported
45.	EARTH WIRE 35SQMM BARE	1.30	KM	Local/Imported
46.	315kVA, 11/0.4kV	3	EA	Local/Imported
47.	SUSPENSION CLAMP FOR ABC	218	NO.	Local/Imported
48.	PIG TAIL HOOK for ABC	728	NO.	Local/Imported
49.	STRAIN INSULATOR FOR ABC	86	NO.	Local/Imported
50.	Stay insulator 0.4KV	98	NO.	Local/Imported
51.	Base plate	98	NO.	Local/Imported
52.	PG clamp for ABC	40	NO.	Local/Imported
53.	AL/al 3-4-BOLT PG clamps	24	NO.	Local/Imported
54.	PURE EARTHRODS 8FT	160	NO.	Local/Imported
55.	CABLE LUGS	272	NO.	Local/Imported
56.	BY METALIC CABLE LUGS 12-100SQMM	24	NO.	Local/Imported
57.	SADDLES	80	NO.	Local/Imported
58.	Transformer base straps	16	NO.	Local/Imported
59.	11KV Drop out fuse	24	NO.	Local/Imported
60.	11KV Lightning/surge ARRESTORS	72	NO.	Local/Imported
61.	33kV lightning/surge Arrestors	45	NO.	Local/Imported
62.	NEUTRAL EARTH LINK	8	NO.	Local/Imported

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

SN	ITEM DESCRIPTION	QUANTIT Y	UNIT OF MEASURE	PLACE OF PURCHASE (LOCAL OR IMPORTED)
63.	RMU 33kV	2	NO.	Local/Imported
64.	RMU 11kV	5	NO.	Local/Imported
65.	185sqmm SINGLE CORE T -off JIONT - 11kV	24	NO.	Local/Imported
66.	185sqmm Termination Kits - 11kV	81	NO.	Local/Imported
67.	185sqmm Termination Kits - 11kV - customers	81	NO.	Local/Imported
68.	185sqmm Termination Kits - 33kV	78	NO.	Local/Imported
69.	185sqmm Straight through Joint - 33kV	27	NO.	Local/Imported
70.	185sqmm Straight through Joint - 11kV	6	NO.	Local/Imported
71.	Protection concrete blocks 0.3x0.15x0.15 labeled TANESCO	80200	NO.	Local/Imported
72.	Reinforced concrete route maker	175	NO.	Local/Imported
73.	Reinforced concrete joint maker blocks	17	NO.	Local/Imported
74.	Warning tape labelled TANESCO	9	KM	Local/Imported

Value Added Tax (Exemption) (Construction of Dar Es Salaam Bus Rapid Transit Infrastructure Phase 2: Lot 1 Road Works 20.3 Km) Including Two Flyovers and 29 Bus Station Along Kilwa Road (From Cbd- Kariakoo To Mbagala) (Tanzania National Road Agency (Tanroads))

GN. No. 4 (contd.)

SN	ITEM DESCRIPTION	QUANTIT Y	UNIT OF MEASURE	PLACE OF PURCHASE (LOCAL OR IMPORTED)
75.	Deep galvanized Saddle clamps for 185sqmm x 1C cable - 11kV	130	NO.	Local/Imported
76.	Deep galvanized Saddle clamps for 185sqmm x 1C cable - 33kV	80	NO.	Local/Imported
77.	Labor Service	As Required	SUM	Local
78.	Transportation Service	As Required	SUM	Local
79.	Technical Services	As Required	SUM	Local

Dodoma,
17th December, 2020

PHILIP I. MPANGO,
Minister for Finance and Planning