

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

GOVERNMENT NOTICE No.785 Published On.25/09/2020

THE VALUE ADDED TAX ACT,

(CAP. 148)

—

ORDER

(Made under sections 6 (2))

—

THE VALUE ADDED TAX (EXEMPTION) (UPGRADING OF KABINGO - KASULU - MANYOVU (260.6 KM) ROAD TO BITUMEN STANDARD) (LOT 1: KASULU JUNCTION - MANYOVU INCLUDING KASULU TOWN LINKS (68.25 KM); (I) KASULU – MANYOVU SECTION (58.8 KM) AND (II) KASULU TOWN LINKS (9.45 KM) (TANZANIA NATIONAL ROADS (TANROADS)) (M/S ZHEJIANG COMMUNICATIONS CONSTRUCTION GROUP CO. LTD) ORDER, 2020

Citation and commencement

1. This Order may be cited as the Value Added Tax (Exemption) (Upgrading of Kabingo – Kasulu-Manyovu (260.6 Km) Road to Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) and (II) Kasulu Town Links (9.45 Km) (Tanzania National Roads (TANROADS)) (M/S Zhejiang Communications Construction Group Co. Ltd) Order, 2020, and shall be deemed to have come into operation on the 23rd day of July, 2020.

Exemption

2.-(1) 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 specified in the Schedule to this Order, imported or locally purchased prior to clearance through customs by or on behalf of Tanzania National Roads (TANROADS) by M/S Zhejiang Communications Construction Group Co. Ltd to be used solely in the project of Upgrading of Kabingo – Kasulu- Manyovu (260.6 Km) Road to Bitumen Standard, Lot 1: Kasulu Junction - Manyovu

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

GN. NO. 785 (Contd.)

including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) and (Ii) Kasulu Town Links (9.45 Km)) is hereby exempt.

(2) For avoidance of doubt, the goods imported or locally purchased, whether directly by a Government entity or through a contractor shall remain the property of the Government of Tanzania.

Conditions

3. The exemption granted under this Order shall cease to have effect and the Value Added Tax shall become due and be payable as if this exemption had not been granted if the said goods or services are used for other purposes or sold or disposed of in any way to another person not entitled to enjoy similar privileges as are conferred under this Order.

Expiry

4. This Order shall expire on the 20th day of February, 2023.

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

SCHEDULE

(Made under paragraph 2(1))

GOODS AND SERVICES

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	A. GOODS AND BULDING MATERIALS			
D	Construction Materials			
D1	Electricity	7,200,000	Kwh	Local/ Imported
D2	Cement 32.5	27,000	T	Local/ Imported
D3	Cement 42.5	7,000	T	Local/ Imported
D4	Graded aggregate	360,000	T	Local
D5	Asphalt aggregate	130,000	T	Local
D6	Sand	6,700	T	Local
D7	Gravel	200,000	m3	Local
D8	Gravel soil	3,920,000	m3	Local
D9	Bitumen	6,855	T	Local/ Imported
D10	MC-30 cut-back bitumen	850,000	L	Local/ Imported
D11	Emulsifier	3,402	L	Local/ Imported
D12	Wood Formwork	6,206	m2	Local/ Imported
D13	Geotechnical Cloth	5,135	m2	Local/ Imported
D1	Road Sign	563	No.	Local/ Imported
D 2	Route Direction Signs	28	No.	Local/ Imported
D3	Information signs at Bus Stations	20	No.	Local/ Imported
D4	Type W warning signs	200	No.	Local/ Imported
D5	Type R regulatory signs	200	No.	Local/ Imported
D6	Additional road sign plate	50	No.	Local/ Imported
D7	uPVC Pipe 100mm	3,300	m	Local/ Imported
D8	150mm Pvc Pipe	592	m	Local/ Imported
D9	300mm Pvc Pipe	1,365	m	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
D10	uPVC Fittings	350	No.	Local/ Imported
D11	PPR pipes	4000	m	Local/ Imported
D12	PPR pipe fittings	200	no	Local/ Imported
D13	Various valves	100	no	Local/ Imported
D14	Explosive	11	T	Local/ Imported
D15	Solar Street Light	182	No.	Local/ Imported
D16	Reinforcement Steel	1200	T	Local/ Imported
D17	Steel products	800	T	Local/ Imported
D18	Steel Mesh	61,149	m2	Local/ Imported
D19	Formwork Bamboo Plywood (Class U2)	7,573	m2	Local/ Imported
D20	Highway guardrail	22,000	m	Local/ Imported
D21	Guardrail Reflector	4,000	No.	Local/ Imported
D22	Guardrail End units:	300	No.	Local/ Imported
D23	Polyethylene Fabric	80,074	m2	Local/ Imported
D24	Reflective Road Stud	11,227	No.	Local/ Imported
D25	Thermoplastic road-marking paint	165	kg	Local/ Imported
D26	Reflection bead	120	kg	Local/ Imported
D27	Reflective film	500	m2	Local/ Imported
D28	Light reflection strip	200	Roll	Local/ Imported
D29	Signalboard	500	No.	Local/ Imported
D30	Traffic cone	500	No.	Local/ Imported
D31	Concrete additive	30	T	Local/ Imported
D32	Nail	1,800	kg	Local/ Imported
D33	Electric welding rod	2000	kg	Local/ Imported
D34	Drilling rod	300	No.	Local/ Imported
D35	Drilling bits	120	No.	Local/ Imported
D36	Gamalin disinfection	25,000	L	Local/ Imported
D37	Galvanized iron wire	11,000	kg	Local/ Imported
D38	Water proofing paint	8,000	L	Local/ Imported
D39	Gabion boxes	4,000	m2	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
D40	Plastic warning tape	1,000	Roll	Local/ Imported
D41	Ladder	10	No.	Local/ Imported
D42	Oxygen	1,800	m3	Local/ Imported
D43	Acetylene gas	2,000	kg	Local/ Imported
D44	Timber	1,000	m3	Local/ Imported
D45	Waterproof cover	25,000	m2	Local/ Imported
D46	Asphalt felt	60	Roll	Local/ Imported
D47	Geogrid	5,000	m2	Local/ Imported
D48	Fire extinguisher	200	No.	Local/ Imported
D49	Base oil	10	T	Local/ Imported
D50	Thick elastomeric bearings	24	No.	Local/ Imported
D51	Galvanised steel pipe handrail pipe	800	m	Local/ Imported
D52	Steel plate	200	No.	Local/ Imported
D53	Handrail with support posts	200	m	Local/ Imported
D54	Balustrade of ARMCO flex beam	300	m	Local/ Imported
D55	150mm diameter service pipes	150	m	Local/ Imported
D56	75mm Class C PVC drainpipe	112	No.	Local/ Imported
D57	Geotextile filter fabric	550	m3	Local/ Imported
D58	Bituminous water-proofing paint	2,500	m2	Local/ Imported
D59	600mm long R25 dowel	90	No.	Local/ Imported
D60	Mastic joint filler to expansion joints	55	m	Local/ Imported
D61	Foot Plate	20	No.	Local/ Imported
D62	Hand Book Theodolite	50	No.	Local/ Imported
D63	Hand Book Level Instrument	50	No.	Local/ Imported
D64	Walkie-Talkie	20	No.	Local/ Imported
D65	Walkie-Talkie Relay Station	4	No.	Local/ Imported
D66	Parasol	15	No.	Local/ Imported
D67	Scaffold	500	t	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
D68	Steel bracket	200	T	Local/ Imported
D69	Steel formwork	120	T	Local/ Imported
D70	IT05 coated aluminum sheets	4000	m2	Local/ Imported
D71	Iron sheets	3000	m2	Local/ Imported
D72	Paints	1000	L	Local/ Imported
D73	Gypsum board	2500	m2	Local/ Imported
D74	Tiles	2500	m2	Local/ Imported
D75	Aluminium windows	500	m2	Local/ Imported
D76	Hardwood Doors	100	No.	Local/ Imported
D77	Concrete blocks	6000	m2	Local/ Imported
D78	Lights	150	No.	Local/ Imported
D79	PE Water Tank (SIMTANK)	20	No.	Local/ Imported
D80	Water Booster Pumps	20	No.	Local/ Imported
D81	Armored cable	5,000	m	Local/ Imported
F	Survey Equipment and Accessories for Consultant			
F1	Electronic calculators	30	No.	Local/ Imported
F2	Total station	2	No.	Local/ Imported
F3	Complete set of GNSS RTK system	3	No.	Local/ Imported
F4	Hand GPS	6	No.	Local/ Imported
F5	Digital level	4	No.	Local/ Imported
F6	Automatic level	3	No.	Local/ Imported
F7	Telescopic Levelling	14	No.	Local/ Imported
F8	Wooden tripod, heavy duty	14	No.	Local/ Imported
F9	Aluminium tripod	3	No.	Local/ Imported
F10	Sectioned fibreglass levelling staff	10	No.	Local/ Imported
F11	Telescopic pole	15	No.	Local/ Imported
F12	Quick stand for telescopic pole	4	No.	Local/ Imported
F13	Circular reflector prisms with holders	10	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
F14	Triple prism holder	3	No.	Local/ Imported
F15	Plug-in NiMH battery	5	No.	Local/ Imported
F16	PCMCIA-ATA flashcard, 32 MB	2	No.	Local/ Imported
F17	Rapid battery chargers	3	No.	Local/ Imported
F18	Steel tape, 50 m	4	No.	Local/ Imported
F19	Steel tape, 25 m	10	No.	Local/ Imported
F20	Fibre-glass tapes, 50 m	8	No.	Local/ Imported
F21	Ranging rods, 2.5 m long	20	No.	Local/ Imported
F22	Walkie-Talkies -Radio set or later version	4	No.	Local/ Imported
F23	Steel hammers (4 kg)	2	No.	Local/ Imported
F24	Spirit levels for staves	16	No.	Local/ Imported
F25	Metal pocket tapes (5 m)	10	No.	Local/ Imported
F26	Surveying umbrella	2	No.	Local/ Imported
F27	Reflective road safety vests	12	No.	Local/ Imported
F28	Writing boards	10	No.	Local/ Imported
F29	Red & Black Wooden Ruler	4	No.	Local/ Imported
F30	Bearing Picket	5	No.	Local/ Imported
F31	Evenness Measuring Ruler	8	No.	Local/ Imported
G	Prefab-House, Furniture, Office Equipment			
G1	Prefabricated Building	1,500	m2	Local/ Imported
G2	Reams of a4 Photocopy Paper	150	Box	Local/ Imported
G3	Reams of a3 Photocopy Paper	150	Box	Local/ Imported
G4	4 Plate Electric Cooker With Oven and Grill	4	No.	Local/ Imported
G5	Water dispenser with hot cold functions	5	No.	Local/ Imported
G6	Lap Top Computers	4	No.	Local/ Imported
G7	Photocopier With Consumables	5	No.	Local/ Imported
G8	Server	4	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
G9	Scanner	8	No.	Local/ Imported
G10	Desk Top Computer	5	No.	Local/ Imported
G11	Digital Camera	3	No.	Local/ Imported
G12	Colour Printer With Consumables	5	No.	Local/ Imported
G13	Laserjet Printer With Consumables	5	No.	Local/ Imported
G14	Projector	3	No.	Local/ Imported
G15	UPS (Uninterruptible Power Supply)	15	No.	Local/ Imported
G16	Internet Cable	500	m	Local/ Imported
G17	Exchange board	6	No.	Local/ Imported
G18	Router/modem	30	No.	Local/ Imported
G19	Security camera	20	No.	Local/ Imported
G20	Television	5	No.	Local/ Imported
G21	Microwave oven	4	No.	Local/ Imported
G22	Refrigerator/Freezer	3	No.	Local/ Imported
G23	Water Treatment Machine	10	No.	Local/ Imported
G24	Air Conditioner	10	No.	Local/ Imported
G25	Washing Machine	4	No.	Local/ Imported
G26	Safe box	3	No.	Local/ Imported
G27	Electrical Water Heater	10	No.	Local/ Imported
G28	Solar Water Heater & Accessories	10	No.	Local/ Imported
G29	Electrical Fan	10	No.	Local/ Imported
G34	Furniture (Table)	30	No.	Local/ Imported
G35	Furniture (Desk)	30	No.	Local/ Imported
G36	Furniture (Shelf)	5	No.	Local/ Imported
G37	Storage shelves	5	No.	Local/ Imported
G38	Furniture (Chairs)	50	No.	Local/ Imported
G39	Steel filing cabinets	5	No.	Local/ Imported
G40	Steel general purpose lockable cabinets	5	No.	Local/ Imported
G41	Steel drawing cabinets	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
G42	Hand wash basin	10	No.	Local/ Imported
G43	Washroom (WC) suites	10	No.	Local/ Imported
G44	Mirrors	10	No.	Local/ Imported
G45	Stainless shower tray and its shower closure (shower cubical)	10	No.	Local/ Imported
G46	Towel rail	50	No.	Local/ Imported
G47	Soap dispenser	50	No.	Local/ Imported
G48	Toilet tissue holder	50	No.	Local/ Imported
G49	Curtains	50	No.	Local/ Imported
G50	Lamps	10	No.	Local/ Imported
G51	Filing trays	15	No.	Local/ Imported
G52	Facsimile transmitting machine	1	No.	Local/ Imported
G53	Labor Protection (Gun Boots)	500	No.	Local/ Imported
G54	Labor Protection (Uniforms)	500	No.	Local/ Imported
G55	Reflective Road safety vest	500	No.	Local/ Imported
G56	Safety helmet	300	No.	Local/ Imported
G57	Raincoat	500	No.	Local/ Imported
G58	Gloves	400	No.	Local/ Imported
G59	Safety shoes	300	No.	Local/ Imported
G60	Shelves, 2 m Long	20	No.	Local/ Imported
G66	Digital flatbed scanner	2	No.	Local/ Imported
G67	Electronic calculators	5	No.	Local/ Imported
G68	Twin hot plates	2	No.	Local/ Imported
G69	Microwave Oven	2	No.	Local/ Imported
G70	Paper Shredder	6	No.	Local
G71	Anti-Virus Software	20	No.	Local
G72	Cad Drawing Software	2	No.	Local/ Imported
G73	Micro-Software Office	5	No.	Local/ Imported
G74	Auto Civil 3d Software	2	No.	Local/ Imported
G75	Plotter	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
G76	Power grid	3,000	m	Local/ Imported
I	Transportation & Accommodation Items for Consultant			
I1	Station Wagon Landcruiser/Prado	2	No.	Local/ Imported
I2	Double Cab Pickup	6	No.	Local/ Imported
I3	Conference table with 12 chairs	1	No.	Local/ Imported
I4	Round meeting table with 4 chairs	1	No.	Local/ Imported
I5	Desk with lockable double chest of drawers	1	No.	Local/ Imported
I6	Desk with lockable single chest of drawers	10	No.	Local/ Imported
I7	Table with Smooth Flat Top	8	No.	Local/ Imported
I8	White board with accessories	2	No.	Local/ Imported
I9	Wall boards 2.4 m x 1.2 m	8	No.	Local/ Imported
I10	Thermometer (max/min)	2	No.	Local/ Imported
I11	First aid and snake bit kit	2	No.	Local/ Imported
I12	Fire extinguishers (dry type)	4	No.	Local/ Imported
I13	Ceiling fans or portable fans	9	No.	Local/ Imported
I14	Air conditioners, 12,000 BTU/hr	9	No.	Local/ Imported
I15	Microwave Oven	2	No.	Local/ Imported
J	Lab Equipment for Consultant			
	Compaction			
J1	Electric Compaction Instrument	4	No.	Local/ Imported
J2	Compaction Mould	13	No.	Local/ Imported
J3	Compaction Hammer	8	No.	Local/ Imported
J4	Electric Vibrating "Kango" Hammer	3	No.	Local/ Imported
J5	Straight Edge	18	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J6	Steel Tamper	6	No.	Local/ Imported
J7	Galvanized Metal Tray	18	No.	Local/ Imported
J8	75mm Brush	9	No.	Local/ Imported
J9	Semi Automatic Balance	9	No.	Local/ Imported
J10	20 Mm BS Sieve, 300 Mm Diameter	3	No.	Local/ Imported
J11	Set of French Curves	6	No.	Local/ Imported
J12	Stop Clock	9	No.	Local/ Imported
J13	Organic Content Complete	2	No.	Local/ Imported
	Density (Sand Replacement Method BS 1377)			
J14	Metal Containers	24	No.	Local/ Imported
J15	Stainless Steel Tray	12	No.	Local/ Imported
J16	Metal Tray	24	No.	Local/ Imported
J17	Steel Pegs for Fixing Tray In Position	200	No.	Local/ Imported
J18	Sand Pouring Cylinder	12	No.	Local/ Imported
J19	Cold Steel Chisel	50	No.	Local/ Imported
J20	1.5kg Hammer	36	No.	Local/ Imported
J21	Scoop	36	No.	Local/ Imported
J22	100 Mm Soft Brush	12	No.	Local/ Imported
J23	50 Mm Soft Brush	24	No.	Local/ Imported
J24	Calibrating Can	30	No.	Local/ Imported
J25	Plastic Container	3	No.	Local/ Imported
	Density Test (Nuclear Density Method: Aashto t238)			
J26	Nuclear Moisture - Density Gauge	4	No.	Local/ Imported
J27	Hole Forming Device for The Troxler	12	No.	Local/ Imported
J28	Guide for The Hole Forming Device	12	No.	Local/ Imported
J29	Speedy Moisture Tester.	4	No.	Local/ Imported
	CBR (BS 1377)			

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J30	Automatic Cbr Compactor	3	No.	Local/ Imported
J31	Central Extractor	3	No.	Local/ Imported
J32	Cbr Mould	200	No.	Local/ Imported
J33	Perforated Swell Plate	200	No.	Local/ Imported
J34	2kg Annular Surcharge Weight	200	No.	Local/ Imported
J35	Solid Base Plate Cbr Mould	200	No.	Local/ Imported
J36	Static Compaction Plug	12	No.	Local/ Imported
J37	Distance Piece	6	No.	Local/ Imported
J38	Disc Lifting Handle	6	No.	Local/ Imported
J39	Static Compaction Press	3	No.	Local/ Imported
J40	Set of Guards	3	No.	Local/ Imported
J41	Cbr Load Frame	3	No.	Local/ Imported
J42	Stabilising Bar	3	No.	Local/ Imported
J43	Proving Ring	6	No.	Local/ Imported
J44	Proving Ring	3	No.	Local/ Imported
J45	Penetration Gauge	6	No.	Local/ Imported
J46	Cbr Piston Including Bracket	3	No.	Local/ Imported
J47	Swell Measurement Tripod	6	No.	Local/ Imported
J48	Soaking Tank Sufficient	3	No.	Local/ Imported
J49	Tamping Steel Ba	3	No.	Local/ Imported
	Specified Gravity of Aggregates (BS 812)			
J50	Wire Mesh Basket	3	No.	Local/ Imported
J51	Stout Water Tight Container	3	No.	Local/ Imported
J52	Soft Absorbent Cloth (Tea Towel)	60	No.	Local/ Imported
J53	Shallow Tray	6	No.	Local/ Imported
J54	An Airtight Container	3	No.	Local/ Imported
J55	Pycnometer of 1 Lire Capacity	12	No.	Local/ Imported
J56	Hairdrier (Electric)	3	No.	Local/ Imported
J57	Weighing Balance	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J58	Electric Blast Drying Box	5	No.	Local/ Imported
J59	Liquid Plastic Combine Tester	3	No.	Local/ Imported
J60	Standard Sand	2t	No.	Local/ Imported
J61	Subgrade Resilient Modulus Tester	3	No.	Local/ Imported
J62	Rubber Hammer	50	No.	Local/ Imported
J63	Alcohol	600	No.	Local/ Imported
J64	Sand Filling Tube	15	No.	Local/ Imported
J65	Foundation Bearing Capacity Meter	2	No.	Local/ Imported
J66	Dial Indicator	50	No.	Local/ Imported
J67	Pressure Testing Machine	3	No.	Local/ Imported
J68	Concrete Mixer	3	No.	Local/ Imported
J69	Vibration Table	3	No.	Local/ Imported
J70	Concrete Rebound Apparatus	5	No.	Local/ Imported
J71	Consistency Instrument	3	No.	Local/ Imported
J72	Temperature And Humidity Standard Maintenance Room	5	No.	Local/ Imported
J73	Gauge Meter	4	No.	Local/ Imported
J74	Aggregate Crusher	4	No.	Local/ Imported
J75	Cement Sample Holder	10	No.	Local/ Imported
J76	New Standard Compression Clamp	100	No.	Local/ Imported
J77	Round Mould	60	No.	Local/ Imported
J78	Concrete Slump Meter	6	No.	Local/ Imported
J79	Concrete Compression Test Die	40	No.	Local/ Imported
J80	Motar Compression Test Die	20	No.	Local/ Imported
J81	Volumetric Bucket	3	No.	Local/ Imported
J82	Standard Stone Sieve	4	No.	Local/ Imported
J83	Standard Sand Sieve	4	No.	Local/ Imported
J84	Standard Soil Sieve	4	No.	Local/ Imported
J85	Hydrostatic Electronic	5	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	Balance			
J86	Electronic Balance	5	No.	Local/ Imported
J87	Hydrostatic Electronic Balance	5	No.	Local/ Imported
J88	Losangeles Abrasion Meter	2	No.	Local/ Imported
J89	Electronic Balance	5	No.	Local/ Imported
J90	The Adjustable Electric Furnace	5	No.	Local/ Imported
J91	Volumetric Flask	50	No.	Local/ Imported
J92	Pycnometer	50	No.	Local/ Imported
J93	Graduated Cylinder	50	No.	Local/ Imported
J94	Beaker	50	No.	Local/ Imported
J95	Humidity Meter	50	No.	Local/ Imported
J96	Electric Sand Equivalent Instrument	3	No.	Local/ Imported
J97	Electronic Platform Scale	6	No.	Local/ Imported
J98	Flatness Tester	3	No.	Local/ Imported
J99	Marshall Electric Tamper	3	No.	Local/ Imported
J100	Asphalt Penetration Tester	3	No.	Local/ Imported
J101	Asphalt Brittle Point Meter	2	No.	Local/ Imported
J102	Asphalt Ductility Meter	2	No.	Local/ Imported
J103	Asphalt Softening Point Instrument	2	No.	Local/ Imported
J104	Viscometer	2	No.	Local/ Imported
J105	Marshall Stability Tester With Print	2	No.	Local/ Imported
J106	Trichloroethylene	5	No.	Local/ Imported
J107	Glycerin	12	Bottle	Local/ Imported
J108	Trichloroethylene	3	Bucket	Local/ Imported
J109	Filter Paper	300	Piece	Local/ Imported
J110	Mercury /Infrared Thermometer	6	No.	Local/ Imported
J111	Asphalt Mixture Mixer	2	No.	Local/ Imported
J112	Marshall Mould	30	No.	Local/ Imported
J113	Asphalt Mixture Extractor	2	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J114	Large Capacity Centrifuge	2	No.	Local/ Imported
J115	Density Instrument	2	No.	Local/ Imported
J116	Electro-Hydraulic Stripper	3	No.	Local/ Imported
J117	Cabinet Refrigerator	3	No.	Local/ Imported
J118	Pavement Rebound Deflection Tester	2	No.	Local/ Imported
J119	Plasticine	2	Kg	Local/ Imported
J120	Talc	200	Kg	Local/ Imported
J121	Water Seepage Apparatus	2	No.	Local/ Imported
J122	Asphalt Mixture Extractor	2	No.	Local/ Imported
J123	Digital Display Constant Temperature Water Bath	2	No.	Local/ Imported
J124	Porcelain Plate	30	No.	Local/ Imported
J125	Butter	1	Bucket	Local/ Imported
J126	Plastic Bag	2000	No.	Local/ Imported
J127	Counter Scales	2	No.	Local/ Imported
J128	Platform Scale	8	No.	Local/ Imported
	Flakiness Index (BS 812)			
J129	Thickness Gauge	6	No.	Local/ Imported
	Sieve Analysis (BS 1377)			
J130	Set of BS Sieves	22	No.	Local/ Imported
J131	Electric Sieve Shaker	8	No.	Local/ Imported
J132	Galvanised Metal Tray	60	No.	Local/ Imported
J133	Riffle Box	9	No.	Local/ Imported
J134	Specimen Mould Assembly	18	No.	Local/ Imported
J135	Specimen Extractor	3	No.	Local/ Imported
J136	Core Cutter Complete	3	No.	Local/ Imported
J137	Marshall Compactor Complete	3	No.	Local/ Imported
J138	Marshall Testing Machine Complete	3	No.	Local/ Imported
J139	Electric Mixer with Isomantle	3	No.	Local/ Imported
J140	Water Bath	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J141	Steel Baking Trays	30	No.	Local/ Imported
J142	Pots Suitable for Heating Bitumen	30	No.	Local/ Imported
J143	Spatulas	15	No.	Local/ Imported
J144	Dial Thermometers 10 To 210 Deg.c	15	No.	Local/ Imported
J145	Gloves for Handling Hot Material	60	Pairs	Local/ Imported
J146	Rubber Gloves	60	Pairs	Local/ Imported
J147	Flat Bottomed Scoop	6	No.	Local/ Imported
J148	Ladle for Placing Mixture In Moulds	6	No.	Local/ Imported
	Percentage Refusal Density Test			
J149	Vibratory Hammer	6	No.	Local/ Imported
	Maximum s.g. of Bituminous Paving Mixtures(ASTM D2041)			
J150	Balance of Sufficient Capacity	3	No.	Local/ Imported
J151	Vacuum Pump	3	No.	Local/ Imported
J152	Glass or Metal Container	3	No.	Local/ Imported
	Quantitative Extraction of Bitumen			
J153	Water Bath	3	No.	Local/ Imported
J154	Oven Capable	3	No.	Local/ Imported
J155	Flat Pan	3	No.	Local/ Imported
J156	Balance Capaity 5000 g Accurate To 0.2g	14	No.	Local/ Imported
J157	Small Mouth Graduate 1000 MI Capacity	9	No.	Local/ Imported
J158	Ignition Dish 125 Mm Capacity	6	No.	Local/ Imported
J159	Desiccator	3	No.	Local/ Imported
J160	Analytical Balance	3	No.	Local/ Imported
J161	Centrifuge To Astm e2172	3	No.	Local/ Imported
J162	Filter Rings for Centrifuge	1,500	No.	Local/ Imported
J163	Reflux Condenser To Astm e95	12	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J164	Trichloethylene Reagent Grade	1,500	Ltr	Local/ Imported
J165	Extractor Fan	3	No.	Local/ Imported
	Recovery of Bitumen From Solution			
J166	Centrifuge To Aashto t170	3	No.	Local/ Imported
J167	Centrifuge Tubes	60	No.	Local/ Imported
J168	Distillation Assembly To Aashto t170	3	No.	Local/ Imported
J169	Water Jacketed Condenser	3	No.	Local/ Imported
J170	Astm Low Distillation Thermometer	6	No.	Local/ Imported
J171	Gas Flow Meter	3	No.	Local/ Imported
J172	Corks Drilled As Aashto t170	60	No.	Local/ Imported
J173	Separator Funnel 125 Ml Capacity	3	No.	Local/ Imported
J174	Supply of Carbon Dioxide	300	Kg.	Local/ Imported
	Miscellaneous Laboratory Reagents			
J175	Flexing Tubing	150	m	Local/ Imported
J176	Sodium Hexamataphosphate	30	kg	Local/ Imported
J177	Sand for Density Test	500	kg	Local/ Imported
J178	Calcium Carbide	30	kg	Local/ Imported
J179	Sodium Sulphate (Anhydrous Salt)	60	kg	Local/ Imported
J180	Sodium Hydroxide (Reagent Grade)	3	kg	Local/ Imported
J181	Sulphuric Acid (Concentrated)	2	Ltr	Local/ Imported
	Miscellaneous Laboratory Equipment			
J182	Rolling Straight Edge	3	No.	Local/ Imported
J183	Wheel Barrow	18	No.	Local/ Imported
J184	Dustpan Brush	12	No.	Local/ Imported
J185	Shovel	30	No.	Local/ Imported
J186	Pick Axe with Handle	18	No.	Local/ Imported
J187	Metal Scoop.Large	30	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J188	Garden Trowel	12	No.	Local/ Imported
J189	Steel Tray	60	No.	Local/ Imported
J190	3.5 Kg Hammer	6	No.	Local/ Imported
J191	7 Kg Hammer	6	No.	Local/ Imported
J192	Rubber Mallet (1 Kg)	12	No.	Local/ Imported
J193	Cold Steel Chisel	18	No.	Local/ Imported
J194	1.0 Metre Straight Edge	9	No.	Local/ Imported
J195	Oven	12	No.	Local/ Imported
J196	As Ltem 214 Above But Gas	6	No.	Local/ Imported
J197	Single Plate Electric Cooker	6	No.	Local/ Imported
J198	Straight Edge Including Calibratded Wedges	3	No.	Local/ Imported
J199	Moisture Content Tin	500	No.	Local/ Imported
J200	Liquid Limit Device	6	No.	Local/ Imported
J201	Cone Pentrometer	12	No.	Local/ Imported
J202	Glass Plate (BS 1377)	12	No.	Local/ Imported
J203	Steel Rod 75mm Long ×3.2mm Diameter	6	No.	Local/ Imported
J204	Palette Knife 200 Mm Long Blade	18	No.	Local/ Imported
J205	Palette Knife 100 Mm Long Blade	18	No.	Local/ Imported
J206	BS Sieve 300 Mm	33	No.	Local/ Imported
J207	Lid And Receiver	3	No.	Local/ Imported
J208	BS Sieve Brush	3	No.	Local/ Imported
J209	Measuring Cylinder	9	No.	Local/ Imported
J210	Glass Jar Capacity 5 Litres with Lid	60	No.	Local/ Imported
J211	Cadmium Plated Or Aluminium Tin	150	No.	Local/ Imported
J212	Electronic Balance	6	No.	Local/ Imported
J213	Electronic Top-Pan Balance	4	No.	Local/ Imported
J214	Balance 2000 g Capacity Accurate To 0.1g	8	No.	Local/ Imported
J215	Balance 50 Kg Capacity	8	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
	Accurate To 10 g			
J216	Still for Producing Distilled Water	3	No.	Local/ Imported
J217	Polythene Or Glass 20 Litres Storage Vessels	3	No.	Local/ Imported
J218	Stiff Broom	12	No.	Local/ Imported
J219	Vernier Calipers,150 Mm	3	No.	Local/ Imported
J220	Vernier Calipers,250 Mm	3	No.	Local/ Imported
J221	Pestel And Mortar	3	No.	Local/ Imported
J222	Linear Shrinkage Mould(BS 1377)	30	No.	Local/ Imported
J223	Average Least Dimension Gauge	3	No.	Local/ Imported
J224	Lockable Tool Box Containing	10	No.	Local/ Imported
J225	Plastic Or Metal Bucket	30	No.	Local/ Imported
J226	Polythene Wash Bottle (500 ML)	18	No.	Local/ Imported
J227	20 Litre Capacity Jerrican	60	No.	Local/ Imported
J228	a4 Size Clipboard	30	No.	Local/ Imported
J229	Thermometer ,Range-50°C To 150°C,	12	No.	Local/ Imported
J230	Laboratory Thermometer	6	No.	Local/ Imported
J231	Maximum/Minimum Thermomter	3	No.	Local/ Imported
J232	Rain Guage	9	No.	Local/ Imported
J233	Portable Dial Thermometer	6	No.	Local/ Imported
J234	Pocket Dial Gauge Thermometer	12	No.	Local/ Imported
J235	Hot Platewith Simmerstat Heat Control Unit	6	No.	Local/ Imported
J236	5 Litres Capacity Steel Storage Containers	300	No.	Local/ Imported
J237	Deep Karais	36	No.	Local/ Imported
	Concrete:Slump And Cube Manufacture			
J238	Slump Cone	6	No.	Local/ Imported
J239	Concrete Cube Mould	90	No.	Local/ Imported
J240	Soaking Tank for Cubes	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J241	Tamping Steel Bar	9	No.	Local/ Imported
	Concrete:Cube Compression Testing			
J242	Concrete Compression Machine	4	No.	Local/ Imported
J243	50 mm Distance Space	8	No.	Local/ Imported
J244	70 mm Distance Spacer	8	No.	Local/ Imported
J245	100 mm Distance Spacer	8	No.	Local/ Imported
J246	Mechanical Load Pacer	4	No.	Local/ Imported
	Aggregates And Chippings			
J247	Sand Equivalent Equipment	4	No.	Local/ Imported
J248	Beaker 250 Ml	6	No.	Local/ Imported
J249	Thermometer, 0°C To + 50°C	6	No.	Local/ Imported
J250	Thermometer, 0°C To + 250°C	6	No.	Local/ Imported
J251	Reagent Grade Silica Gel	60	No.	Local/ Imported
J252	Aggregate Crushing Value Apparatus	4	No.	Local/ Imported
J253	Tamping Rod And Metal Measure	4	No.	Local/ Imported
J254	Transverse Distribution of Spray Test	4	No.	Local/ Imported
J255	Steel Tray	15	No.	Local/ Imported
J256	Purpose Made Detachable Handle	6	No.	Local/ Imported
J257	Parraffin Wax	150	kg	Local/ Imported
J258	Gas	4,800	kg	Local/ Imported
J259	Gunny Sack	7,200	No.	Local/ Imported
J260	Plastic Bag	12,000	No.	Local/ Imported
J261	Filter Paper	500	No.	Local/ Imported
J262	Trichloroethylene (205 Litre Drum)	6	No.	Local/ Imported
J263	Cotton Waste (Or Drying Cloths)	300	kg	Local/ Imported
J264	Gas Cylinder	300	No.	Local/ Imported
J265	Laboratory Cleaning And Washing Up Equipment.	3	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J266	Curtains	20	No.	Local/ Imported
	Preconditioning of Bitumen Samples Prior to Mixing or Testing			
J268	Heating oven	1	No.	Local/ Imported
J269	Aluminum foil, metal lids	1	No.	Local/ Imported
J270	Sample Containers	5	No.	Local/ Imported
J271	Density of Bituminous Binders			
J272	Balance accurate to 0.01grams	1	No.	Local/ Imported
J273	Standardized pycnometers	1	No.	Local/ Imported
J274	Water bath	1	No.	Local/ Imported
J275	Thermometer	1	No.	Local/ Imported
	Flash and Fire Point by Cleveland Open Cup			
J276	Cleveland Open Cup apparatus	1	No.	Local/ Imported
J277	Square shield	1	No.	Local/ Imported
J278	Thermometer ASTM11C	1	No.	Local/ Imported
J279	Barometer	1	No.	Local/ Imported
	Density and Water Absorption of Aggregates Retrieved on a 4.75 mm Sieve		Local/ Imported	
J280	Heating oven	1	No.	Local/ Imported
	Density and Water Absorption of Aggregates Passing the 4.75 mm Sieve			
J381	Pycnometer	1	No.	Local/ Imported
J382	Vacuum type dessicator	1	No.	Local/ Imported
J383	Vacuum Pump	1	No.	Local/ Imported
J384	Metal mould	1	No.	Local/ Imported
J385	Metal tamper	1	No.	Local/ Imported
	Indirect Tensile Strength Test			
J386	Typically marshall type test apparatus	1	No.	Local/ Imported

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J387	An indirecet tensile stress loading frame	1	No.	Local/ Imported
	Determination of Binder Content and Aggregate Grading by Extraction			
J388	Extraction apparatus	1	No.	Local/ Imported
J389	Electric hot plate	1	No.	Local/ Imported
J390	Centrifuge	1	No.	Local/ Imported
J391	Centrifuge cylinders	1	No.	Local/ Imported
J392	Steel Rod	1	No.	Local/ Imported
J393	Large flat pan	1	No.	Local/ Imported
J394	Heat insulated gloves	5	No.	Local/ Imported
J395	Solvent Proof goves	5	No.	Local/ Imported
	In situ Density and Moisture content of bituminous layers in-place by nuclear methods.			
J396	Nucleus density instrument	1	No.	Local/ Imported
	Standard practice for accelerated aging of asphalt binder using a Pressure Aging Vessel (PAV)			
J397	Pressure Aging Vessel (PAV)	1	No.	Local/ Imported
	Standard test method for determining the rheological properties of asphalt binder using a Dynamic Shear Rheometer (DSR)			
J398	Dynamic Shear Rheometer (DSR)	1	No.	Local/ Imported
	Standard test method for viscosity determination of asphalt binder using Rotational Viscometer			
J399	Rotational Viscometer	1	No.	Local/ Imported
	Standard method for preparing and determining the density of hot mix asphalt (HMA) specimens by means of the Superpave Gyratory Compactor			
J400	Superpave Gyratory Compactor	1	No.	Local/ Imported
	Flash and Fire Points by Cleveland Open Cup (more common for asphalt cement used in HMA)			

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
J401	Flash points test machine	1	No.	Local/ Imported
J402	Fire points test machine	1	No.	Local/ Imported
	Determining Rutting Susceptibility of Asphalt Paving Mixtures Using the Asphalt Pavement Analyzer (APA)			
J403	Asphalt Pavement Analyzer (APA)	1	No.	Local/ Imported
	Viscosity of Asphalts by Vacuum Capillary Viscometer			
J404	Vacuum Capillary Viscometer	1	No.	Local/ Imported
K	Services			
K1	Rental for lands of camp, plant site and subcamp	3	Contract	Local
K2	Vehicle insurance	2	Contract	Local
K3	Transportation	5	Contract	Local
K4	Hiring for equipment and vehicles	5	Contract	Local
K5	Management and technical service for quarry	1	Contract	Local
K6	Quarry explosion service	1	Contract	Local
K7	Security service	1	Contract	Local
K8	Internet	1	Contract	Local
K9	Services for construction of the ENGINEER'S accommodation and offices	1	Contract	Local
K10	Services for HIV/AIDS, STIs, STDs and child abuse,sexual harrasment prevenment and awareness programs and training	1	Contract	Local
K11	Services for road safety improvement, training and awareness programs	1	Contract	Local
K12	Services for stone pitching,riprap and gabions	3	Contract	Local

Value Added Tax (Exemption) (Upgrading Of Kabingo - Kasulu - Manyovu (260.6 Km) Road To Bitumen Standard) (Lot 1: Kasulu Junction - Manyovu Including Kasulu Town Links (68.25 Km); (I) Kasulu – Manyovu Section (58.8 Km) And (Ii) Kasulu Town Links (9.45 Km) (Tanzania National Roads (Tanroads)) (M/S Zhejiang Communications Construction Group Co. Ltd)

Gn. No. 785 (Contd.)

S/N	ITEM DESCRIPTION	QUANTITY (QTY)	UNIT OF MEASURE	PLACE OF PURCHASE OF ITEMS (Local or Imported)
K13	Services for electrical works	1	Contract	Local
K14	Services for borehole & well drilling works	6	Contract	Local
K15	Services for street light	1	Contract	Local
K16	Maintenance for Equipment&Vehicles	3	Contract	Local
K17	Design service	1	Contract	Local

Dodoma,
11th September, 2020

PHILIP I. MPANGO
Minister of Finance and Planning