

Value Added Tax (Exemption) (Upgrading Of Kabingo – Kasulu- Manyovu (260.6 Km) Road To Bitumen Standard, Lot 3: Mvugwe – Nduta Junction (59.35 Km) (Tanzania National Roads (Tanroads)) (M/S Stecol Corporation)

GOVERNMENT NOTICE No.789Published 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 3: MVUGWE – NDUTA JUNCTION (59.35 KM) (TANZANIA NATIONAL ROADS (TANROADS)) (M/S STECOL CORPORATION) 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 3: Mvugwe – Nduta Junction section (59.35 km) (Tanzania National Roads (TANROADS)) (M/S Stecol Corporation) 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 Stecol Corporation to be used solely in the project of Upgrading Of Kabingo – Kasulu- Manyovu (260.6 Km) Road to Bitumen Standard, (Lot 3: Mvugwe – Nduta Junction section (59.35 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.

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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 made 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.

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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)
D1	Double Cabin Pick up Delux /Standard	3	unit	Local/ Imported
D2	Electric welding rod	2,000	kg	Local/ Imported
D3	Nail	1,800	kg	Local/ Imported
D4	Drilling road	300	No	Local/ Imported
D5	Drilling bits	120	No	Local/ Imported
D6	Gamalin disinfection	25,000	L	Local/ Imported
D7	Galvanized iron wire	11,000	kg	Local/ Imported
D8	water proofing paint	8,000	L	Local/ Imported
D9	Gabion boxes	3,000	m2	Local/ Imported
D10	Plastic warning tape	8,000	m	Local/ Imported
D11	Ladder	10	No	Local/ Imported
D12	Road studs 100 mm x 100 mm ROADTEC, K-Lite or similar	8,200	No	Local/ Imported
D13	Information signs at Bus Stations	20	No	Local/ Imported
D14	Type W warning signs	230	No	Local/ Imported
D15	Type R regulatory signs	190	No	Local/ Imported
D17	Additional road sign plate	30	No	Local/ Imported
D18	Route Direction Signs	80	m2	Local/ Imported

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D19	Thermoplastic road-marking paint	150,000	kg	Local/ Imported
D20	Reflection bead	120,000	kg	Local/ Imported
D21	Oxygen	1,800	m3	Local/ Imported
D22	Acetylene gas	2,000	kg	Local/ Imported
D23	Timber	1,000	m3	Local/ Imported
D24	Waterproof cover	25,000	m2	Local/ Imported
D25	Bitumen	4,550	T	Local/ Imported
D26	MC-30 cut-back bitumen	718,200	L	Local/ Imported
D27	Cement 42.5	8,200	T	Local/ Imported
D28	Cement 32.5	23,000	T	Local/ Imported
D29	High Yield Stress Steel Reinforcement	1,500	T	Local/ Imported
D30	250x250x46mm thick laminated elastomeric bearings	50	No.	Local/ Imported
D31	450x450x210mm thick elastomeric bearings bearings	32	No.	Local/ Imported
D32	50mm dia galvanised steel handrail pipe with 12mm thick plate	300	m	Local/ Imported
D33	100x100x12mm thick shaped steel plate	300	No.	Local/ Imported
D34	handrail with 125x75x8mm RHS support posts @ 2000mm c/c, with 1no. 50mm & 4no. 40mm diameter CHS	300	m	Local/ Imported
D35	balustrade of ARMCO flex beam with 124x75x8mm rectangular hollow section (RHS)	300	m	Local/ Imported
D36	6No. 150mm diameter service pipes	1,000	m	Local/ Imported
D37	Geotextile filter fabric to wall (as terram 280g/m2	1,500	m3	Local/ Imported
D38	Bituminous water-proofing paint tobacks	3,000	m2	Local/ Imported
D39	2.8m long 75mm diameter Class C PVC drainpipe to deck slab at both kerbs	80	No.	Local/ Imported
D40	2.0m long 75mm diameter Class C PVC drainpipe to deck slab at both kerbs	90	No.	Local/ Imported

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D41	300x300x6mm plate welded to 1400mm long, 32mm diameter .	32	No.	Local/ Imported
D42	600mm long 25mm diameter galvanised steel bolts properly grouted	150	No.	Local/ Imported
D43	75x75x8mm Equal Angle edge	240	m	Local/ Imported
D44	25mm mastic joint filler	50	L	Local/ Imported
D45	Polysulphide sealant self leveling	30	L	Local/ Imported
D46	25mm thick styroform	60	m2	Local/ Imported
D47	Zinc bromide paint	100	L	Local/ Imported
D48	25mm Thick Elastomeric Compression Seal	52	m	Local/ Imported
D49	5No. plate girders	230	t	Local/ Imported
D50	10 No. 1016x305x487kg/m UB for deck girders	80	t	Local/ Imported
D51	1No. 1460x308.5x40mm thick plate and 2No. 1460x125x40mm thick plate	2	t	Local/ Imported
D52	1No. 1460x308.5x40mm thick plate and 2No. 1460x125x40mm thick plate	2	t	Local/ Imported
D53	1No. 1010x500x40mm thick plate and 2No. 1010x200x40mm thick plate	1	t	Local/ Imported
D54	1No. 1010x600x40mm thick plate and 2No. 1010x240x40mm thick plate	1	t	Local/ Imported
D55	1425x660x40mm splice plates both	1	t	Local/ Imported
D56	102x51x10.4kg/m equal angle shear connectors at 300mm	6	t	Local/ Imported
D57	400x100x58.9kg/m channel bracing	9	t	Local/ Imported
D58	240x20mm web stiffeners plate	2	t	Local/ Imported
D59	240x20mm web stiffeners plate	9	t	Local/ Imported
D60	150x20mm web stiffeners plate	9	t	Local/ Imported

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D61	M30 HSFG bolts at splices	3,800	No	Local/ Imported
D62	M24 bolts at cross bracings	544	No	Local/ Imported
D63	Steel pipes	2,000	m	Local/ Imported
D64	Scaffold	500	t	Local/ Imported
D65	uPVC Pipe 100	4,000	m	Local/ Imported
D66	uPVC Fittings	400	set	Local/ Imported
D67	Highway guardrail	30,000	m	Local/ Imported
D68	Guardrail Reflector	5,000	no	Local/ Imported
D69	Guardrail End units:	280	no	Local/ Imported
D70	IT05 coated aluminum sheets	4000	M2	Local/ Imported
D71	Iron sheets	3000	M	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

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D79	PE Water Tank (SIMTANK)	20	no	Local/ Imported
D80	Water Booster Pumps	20	no	Local/ Imported
D81	PPR pipes	4000	m	Local/ Imported
D82	PPR pipe fittings	200	no	Local/ Imported
D83	valves	50	no	Local/ Imported
E	Survey Equipment and accessories			
E1	Electronic calculators	5	no.	Local/ Imported
E2	Complete set of GNSS RTK system (Base and two rover receivers)	2	no.	Local/ Imported
E3	Hand GPS	6	no.	Local/ Imported
E4	Level Instrument	10	no.	Local/ Imported
E5	Automatic level	2	no.	
E6	Digital level	2	no.	Local/ Imported
E7	Metal Leveling Staves 5m (Telescopic).	20	no.	Local/ Imported
E8	Metal Pocket Ruler.	25	no.	Local/ Imported
E9	Optical Square.	5	no.	Local/ Imported

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E10	Steel Tape 5m-100m	60	no.	Local/ Imported
E11	Measuring Tape 50m-100m	40	no.	Local/ Imported
E12	Surveying Umbrella.	10	no.	Local/ Imported
E13	Theodolite J6E	10	no.	Local/ Imported
E14	Total Station	2	no.	Local/ Imported
E15	Surveying Software QIFEI	4	no.	Local/ Imported
E16	Foot Plate	20	no.	Local/ Imported
E17	Hand Book Theodolite	50	no.	Local/ Imported
E18	Hand Book Level Instrument	50	no.	Local/ Imported
E19	Walkie-Talkie	10	no.	Local/ Imported
E20	Walkie-Talkie Relay Station	4	no.	Local/ Imported
G	Prefab-House, Furniture, Office Equipment			
G1	Prefabricated Building	2,500	m2	Local/ Imported
G2	Reams of a4 Photocopy Paper	100	box	Local/ Imported
G3	Reams of a3 Photocopy Paper	100	box	Local/ Imported
G4	4 Plate Electric Cooker With Oven and Grill	3	no.	Local/ Imported
G5	Water dispenser with hot cold functions	5	no.	Local/ Imported
G6	Lap Top Computers	3	no.	Local/ Imported
G7	Photocopier With Consumables	4	no.	Local/ Imported

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G8	Server	4	no.	Local/ Imported
G9	Scanner	2	no.	Local/ Imported
G10	Desk Top Computer	4	no.	Local/ Imported
G11	Digital Camera	2	no.	Local/ Imported
G12	Colour Printer With Consumables	4	no.	Local/ Imported
G13	Laserjet Printer With Consumables	2	no.	Local/ Imported
G14	Projector	2	no.	Local/ Imported
G15	UPS (Uninterruptible Power Supply)	7	no.	Local/ Imported
G16	Internet Cable	500	m	Local/ Imported
G17	Exchange board	6	no.	Local/ Imported
G18	Router/modem	15	no.	Local/ Imported
G19	Security camera	20	no.	Local/ Imported
G20	Television	3	no.	Local/ Imported
G21	Microwave oven	3	no.	Local/ Imported
G22	Refrigerator/Freezer	3	no.	Local/ Imported
G23	Water Treatment Machine and Accessories WT-3000	10	no.	Local/ Imported
G24	Air Conditioner	10	no.	Local/ Imported
G25	Washing Machine	3	no.	Local/ Imported
G26	Safe box	2	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
G30	Furniture(Table)	20	no.	Local/ Imported
G31	Furniture(Desk)	20	no.	Local/ Imported

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G32	Furniture(Shelf)	5	no.	Local/ Imported
G33	Storage shelves	9	no.	Local/ Imported
G34	Furniture(Chairs)	300	no.	Local/ Imported
G35	Furniture(Sofa)	13	no.	Local/ Imported
G36	Steel filing cabinets	10	no.	Local/ Imported
G37	Steel general purpose lockable cabinets with shelves	10	no.	Local/ Imported
G38	Steel drawing cabinets	3	no.	Local/ Imported
G39	Filing trays	15	no.	Local/ Imported
G40	Facsimile transmitting machine	1	no.	Local/ Imported
G41	Labor Protection(Gun Boots)	700	no.	Local/ Imported
G42	Labor Protection(Uniforms)	1000	no.	Local/ Imported
G43	Reflective Road safety vest	1000	no.	Local/ Imported
G44	Digital flatbed scanner	1	no.	Local/ Imported
G45	Electronic calculators	5	no.	Local/ Imported
G46	Twin hot plates	1	no.	Local/ Imported
G47	Microwave Oven combi Sage or similar Turntable	2	no.	Local/ Imported
G48	Paper Shredder	3	no.	Local/ Imported
G49	Anti-Virus Software	20	no.	Local/ Imported
G50	Cad Drawing Software	2	no.	Local/ Imported
G51	Micro-Software Office	5	no.	Local/ Imported
G52	Auto Civil 3d Software	2	no.	Local/ Imported
G53	Hand wash basin	5	no	Local/ Imported
G54	Washroom (WC) suites	5	no	Local/ Imported
G55	Mirrors	10	no	Local/ Imported

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G56	Stainless shower tray and its shower closure(shower cubical) complete with shower mixer connecting accessories	10	no	Local/ Imported
G57	Towel rail	10	no	Local/ Imported
G58	Soap dispenser	10	no	Local/ Imported
G59	Toilet tissue holder	10	no	Local/ Imported
G65	Curtains	20	no	Local/ Imported
G66	Lamps	40	no	Local/ Imported
G67	Plotter	1	no.	Local/ Imported
G68	Paper shredder	3	no.	Local
J	Laboratory for The Engineer			
J1	Desks, Minimum 1.8 m x 0.9 m, with Lockable Single Chest of Drawers	2	no.	Local/ Imported
J2	Table with Smooth Flat Top, Minimum 1.8 m x 0.9 m	2	no.	Local/ Imported
J3	Table Lamps	4	no.	Local/ Imported
J4	Swivel Type Desk Chairs	4	no.	Local/ Imported
J5	Visitors Chairs	4	no.	Local/ Imported
J6	Waste Paper Baskets	2	no.	Local/ Imported
J7	Filing Trays	4	no.	Local/ Imported
J8	Wall Boards 2.4 x 1.2 m	2	no.	Local/ Imported
J9	Steel Cupboard with Shelves	2	no.	Local/ Imported
J10	Steel Filing Cabinet with 4 Lockable Drawers	2	no.	Local/ Imported
J11	Shelves, 2 m Long	4	no.	Local/ Imported
J12	Air Conditioner, 12,000 Btu/Hr	4	no.	Local/ Imported
J13	Portable Fan	2	no.	Local/ Imported
J14	Work Benches	6	no.	Local/ Imported
J15	Curing Tanks	2	no.	Local/

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				Imported
J16	Stools, 1 m High	8	no.	Local/ Imported
J17	Stools, 0.4 m High	8	no.	Local/ Imported
	Compaction			
J18	Compaction Mould, 1 Litre Capacity, Complete with Base Plate And Extension Collar 101.6 Mm Internal Diameter×116.43 Mm High	4	No.	Local/ Imported
J19	Compaction Hammer, 2.49 Kg, Drop Regulated To 304.8 Mm	4	No.	Local/ Imported
J20	Compaction Hammer, 4.536kg, Drop Regulated To 457.2 Mm	4	No.	Local/ Imported
J21	Electric Vibrating "Kango" Hammer Fitted with Steel Tamper (BS 1377) with Support Frame	3	No.	Local/ Imported
J22	Straight Edge, 300 Mm Long, with Handles	18	No.	Local/ Imported
J23	Steel Tamper (BS 1377) Compatible with The Kango Hammer	6	No.	Local/ Imported
J24	Compaction Mould, 152.4mm Dia× 116.43mm High, Complete with Base Plate And Extension Collar	9	No.	Local/ Imported
J25	Galvanized Metal Tray, 1.0m×0.5m×75mm Deep	18	No.	Local/ Imported
J26	75mm Brush	9	No.	Local/ Imported
J27	Semi Automatic Balance, 25 Kg Capacity, Accurate To 1 g, Including Weights	9	No.	Local/ Imported
J28	20 Mm BS Sieve, 300 Mm Diameter	3	No.	Local/ Imported
J29	Set of French Curves	6	No.	Local/ Imported
J30	Stop Clock	9	No.	Local/ Imported

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J31	Organic Content Complete	2	No.	Local/ Imported
	Density(Sand Replacement Method BS 1377)			
J32	Metal Containers, 450 Mm Diameter	24	No.	Local/ Imported
J33	Stainless Steel Tray,305 Mm Diameter	12	No.	Local/ Imported
J34	Metal Tray with 150 ,, Diameter Hole In The Centre, 300 Mm× 300 Mm Square Or Equivalent Area,40 Mm Deep	12	No.	Local/ Imported
J35	Metal Tray with 200 Mm Dameter Hole In The Centre, 500 Mm× 500 Mm Square Or Equivalent Area, 50 Mm Deep	12	No.	Local/ Imported
J36	Steel Pegs for Fixing Tray In Position	200	No.	Local/ Imported
J37	Sand Pouring Cylinder,150 Mm Diameter	12	No.	Local/ Imported
J38	Cold Steel Chisel, 20 Mm Dia.×300 Mm Long	24	No.	Local/ Imported
J39	Cold Steel Chisel, 10 Mm Dia.×250 Long	24	No.	Local/ Imported
J40	1.5kg Hammer	36	No.	Local/ Imported
J41	Scoop for Removing Excavated Material From Density Hole,250 Mm Long Handles.	36	No.	Local/ Imported
J42	100 Mm Soft Brush	12	No.	Local/ Imported
J43	50 Mm Soft Brush	24	No.	Local/ Imported
J44	Calibrating Can, 150 Mm Dia.×150 Mm Deep	12	No.	Local/ Imported
J45	Calibrating Can, 200 Mm Dia.×250 Mm Deep	12	No.	Local/ Imported

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J46	Plastic Container Jars Neck 125 Mm Diameter And 4 Litre Capacity	3	No.	Local/ Imported
	Density Test (Nuclear Density Method:Aashto t238)			
J47	Nuclear Moisture - Density Gauge(Troxler 3411b Or Similar Approved)	4	No.	Local/ Imported
J48	Hole Forming Device for The Troxler	12	No.	Local/ Imported
J49	Guide for The Hole Forming Device	12	No.	Local/ Imported
J50	Rapid Density Set Complete Incl. Speedy Moisture Tester.	4	No.	Local/ Imported
	CBR (BS 1377)			
J51	Automatic Cbr 300 Mm To 457 Mm, Rammer Weight 2.5 Kg And 4.5 Kg, 50 Mm Diameter Automatic Count Selectors	3	No.	Local/ Imported
J52	Central Extractor, Complete with 20 Kn Hydraulic Jack And Adaptor for Cbr Projector for 100 Mm And 150 Mm	3	No.	Local/ Imported
J53	Cbr Mould, 127 Mm High ×152.4 Mm Dia. Complete with Perforated Base Plate And Extension Collar, 50.8 Mm High	200	No.	Local/ Imported
J54	Perforated Swell Plate, 150 Mm Dia, with An Adjustable Centre Post of Rust-Proof Metal Provided with Lock-Out	200	No.	Local/ Imported
J55	2kg Annular Surcharge Weight	200	No.	Local/ Imported
J56	Solid Base Plate Cbr Mould	200	No.	Local/ Imported
J57	Static Compaction Plug	12	No.	Local/ Imported

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J58	50 Mm. 70 Mm, 100 Mm Distance Piece	6	No.	Local/ Imported
J59	Disc Lifting Handle	6	No.	Local/ Imported
J60	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.	Local/ Imported
J61	Set of Guards for Item 43 Above	3	No.	Local/ Imported
J62	Cbr Load Frame (Electric And Hand-Operated), with 50 Kn Proving Ring And Complete with All Accessories.	3	No.	Local/ Imported
J63	Stabilising Bar for Ltem 45 Above.	3	No.	Local/ Imported
J64	Proving Ring; As In Ltem 45 Above But 28 Kn Capacity	3	No.	Local/ Imported
J65	Proving Ring; As In Ltem 45 Above But 10 Kn Capacity	3	No.	Local/ Imported
J66	Penetration Gauge, 0- 25mm	6	No.	Local/ Imported
J67	Cbr Piston Including Bracket	3	No.	Local/ Imported
J68	Swell Measurement Tripod, Complete with Gauge Calibrated In 0.01 Mm Divisions	6	No.	Local/ Imported
J69	Soaking Tank Sufficient for 100 Cbr Moulds.	3	No.	Local/ Imported
J70	Tamping Steel Bar, 13 Mm Diameter, 300 Mm Long	3	No.	Local/ Imported
	Specified Gravity of Aggregates(BS 812)			
J71	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.	Local/ Imported

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J72	Stout Water Tight Container In Which The Basket Above Can Be Freely Suspended Under Water	3	No.	Local/ Imported
J73	Soft Absorbent Cloth (Tea Towel)	60	No.	Local/ Imported
J74	Shallow Tray of Area Not Less Than 0.065m ²	6	No.	Local/ Imported
J75	An Airtight Container of Simiar Capacity To The Basket In Ltem 55 Above	3	No.	Local/ Imported
J76	Pycnometer of 1 Lire Capacity	12	No.	Local/ Imported
J77	Hairdrier(Electric)	2	No.	Local/ Imported
J78	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.	Local/ Imported
	Flakiness Index (BS 812)			
J79	Thickness Gauge	6	No.	Local/ Imported
	Sieve Analysis (BS 1377)			
J80	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.	Local/ Imported
J81	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.	Local/ Imported
J82	Electric Sieve Shaker	8	No.	Local/ Imported
J83	BS Sieve,200 Mm Diameter, Size 0.425 Mm And 0.075 Mm	6	No.	Local/ Imported

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Gn. No. 789 (Contd.)

J84	1m×1m×75 Mm Deep Galvanised Metal Tray	60	No.	Local/ Imported
J85	Riffle Box with 50 Mm Slots(BS 1377)	6	No.	Local/ Imported
J86	Riffle Box with 10 Mm Slots(BS 1377)	3	No.	Local/ Imported
J87	Specimen Mould Assembly	18	No.	Local/ Imported
J88	Specimen Extractor	3	No.	Local/ Imported
J89	Core Cutter Complete	3	No.	Local/ Imported
J90	Marshall Compactor Complete	3	No.	Local/ Imported
J91	Marshall Testing Machine Complete, Including Flow Meter	3	No.	Local/ Imported
J92	Electric Mixer with Isomantle	3	No.	Local/ Imported
J93	Water Bath	3	No.	Local/ Imported
J94	200 Mm × 200 Mm × 50mm Deep Steel Baking Trays	30	No.	Local/ Imported
J95	Pots Suitable for Heating Bitumen	30	No.	Local/ Imported
J96	Spatulas	15	No.	Local/ Imported
	Dial Thermometers 10 To 210 Deg.c	15	No.	Local/ Imported
J98	Gloves for Handing Hot Material	60	Pairs	Local/ Imported
J99	Rubber Gloves To Remove Specimens From Water Bath	60	Pairs	Local/ Imported
J100	Flat Bottomed Scoop	6	No.	Local/ Imported
J101	Ladle for Placing Mixture In Moulds	6	No.	Local/ Imported
	Percentage Refusal Density Test			

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Gn. No. 789 (Contd.)

J102	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	Local/ Imported
	Maximum s.g. of Bitunmous Paving Mixtures(ASTM D2041)			
J103	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.	Local/ Imported
J104	Vacuum Pump	3	No.	Local/ Imported
J105	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.	Local/ Imported
	Quantitative Extraction of Bitumen ASTM D2127 And ASTM D95			
J106	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.	Local/ Imported
J107	Oven Capable of Maintaining Temperature At 100 To 104 Deg.c	3	No.	Local/ Imported
J108	Flat Pan 300 Mm×200mm×25mm Deep .	3	No.	Local/ Imported
J109	Balance Capaity 5000 g Accurate To 0.2g	3	No.	Local/ Imported

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GN. NO. 789 (Contd.)

J110	Balance Capacity 15000 g Accurate t o 1.0 g	3	No.	Local/ Imported
	Balance Capaity 5000 g Accurate To 1.0g	8	No.	Local/ Imported
J112	Small Mouth Graduate 1000 MI Capacity	9	No.	Local/ Imported
J113	Ignition Dish 125 Mm Capacity	6	No.	Local/ Imported
J114	Desiccator	3	No.	Local/ Imported
J115	Analytical Balance	3	No.	Local/ Imported
J116	Centrifuge To Astm e2172	3	No.	Local/ Imported
J117	Filter Rings for Centrifuge	1,500	No.	Local/ Imported
J118	Reflux Condenser To Astm e95	12	No.	Local/ Imported
J119	Trichloethylene Reagent Grade	1,500	Itr	Local/ Imported
J120	Extractor Fan	3	No.	Local/ Imported
	Recovery of Bitumen From Solution			
J121	Centrifuge To Aashto t170	3	No.	Local/ Imported
J122	Centrifuge Tubes	60	No.	Local/ Imported
J123	Distillation Assembly To Aasthto t170	3	No.	Local/ Imported
J124	Water Jacketed Condenser	3	No.	Local/ Imported
J125	Astm Low Distillation Thermometer with Range -2 To 300 Deg. c	6	No.	Local/ Imported
J126	Gas Flow Meter	3	No.	Local/ Imported
J127	Corks Drilled As Aashto t170	60	No.	Local/ Imported
J128	Separator Funnel 125 MI Capacity	3	No.	Local/ Imported
J129	Supply of Carbon Dioxide	300	Kg.	Local/ Imported
	Miscellaneous Laboratory Reagents			
J130	Flexing Tubing	150	m	Local/ Imported

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Gn. No. 789 (Contd.)

J131	Sodium Hexamataphosphate	30	Kg.	Local/ Imported
J132	Sand for Density Test	500	Kg.	Local/ Imported
J133	Calcium Carbide	30	Kg.	Local/ Imported
J134	Sodium Sulphate(Anhydrous Salt)	60	Kg.	Local/ Imported
J135	Sodium Hydroxide(Reagent Grade)	3	Kg.	Local/ Imported
J136	Sulphuric Acid (Concentrated)	2	Itr	Local/ Imported
	Miscellaneous Laboratory Equipment			
J137	Rolling Straight Edge	3	No.	Local/ Imported
J138	Wheel Barrow	18	No.	Local/ Imported
J139	Dustpan Brush	12	No.	Local/ Imported
J140	Shovel	30	No.	Local/ Imported
J141	Pick Axe with Handle	18	No.	Local/ Imported
J142	Metal Scoop.Large(150 Mm Wide)	12	No.	Local/ Imported
J143	Metal Scoop. Medium (100 Mm Wide)	18	No.	Local/ Imported
J144	Garden Trowel	12	No.	Local/ Imported
J145	Steel Tray 0.3m×0.3m×0.01m Deep	60	No.	Local/ Imported
J146	3.5 Kg Hammer	6	No.	Local/ Imported
J147	7 Kg Hammer	6	No.	Local/ Imported
J148	Rubber Mallet (1 Kg)	12	No.	Local/ Imported
J149	Cold Steel Chisel	18	No.	Local/ Imported
J150	1.0 Metre Straight Edge	9	No.	Local/ Imported
J151	Oven,Electric Thermostatically Controlled To Any Temperature From 10° To 150°C ,0.225m ³ Main Capacity Including Dial Thermometer Range 10°-160°C(BS 1377)	12	No.	Local/ Imported
J152	As Ltem 214 Above But Gas	6	No.	Local/ Imported
J153	Single Plate Electric Cooker	6	No.	Local/ Imported

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Gn. No. 789 (Contd.)

J154	3 Metre Straight Edge Including Calibrated Wedges	3	No.	Local/ Imported
J155	Moisture Content Tin, 75mm Diameter, Cadmium Plated Or Aluminium with Lids	500	No.	Local/ Imported
J156	Liquid Limit Device, Complete with 2 Grooving Tools To BS 1377, And Gauge	6	No.	Local/ Imported
J157	Cone Penetrometer with Test Gauge, Automatic Controller, Penetration Test Cup, Metal Straight Edge And Spare Cone	12	No.	Local/ Imported
J158	500mm×500mm×10mm Glass Plate (BS 1377)	12	No.	Local/ Imported
J159	Steel Rod 75mm Long ×3.2mm Diameter	6	No.	Local/ Imported
J160	Palette Knife 200 Mm Long Blade	18	No.	Local/ Imported
J161	Palette Knife 100 Mm Long Blade	18	No.	Local/ Imported
J162	BS Sieve 300 Mm Diameter, 37.5 Mm	3	No.	Local/ Imported
J163	BS Sieve 300 Mm Diameter, 20 Mm	3	No.	Local/ Imported
J164	BS Sieve 300 Mm Diameter, 5 Mm	3	No.	Local/ Imported
J165	BS Sieve 300 Mm Diameter, 0.6 Mm	3	No.	Local/ Imported
J166	BS Sieve 300 Mm Diameter, 0.425 Mm	6	No.	Local/ Imported
J167	BS Sieve 300 Mm Diameter, 0.3 Mm	3	No.	Local/ Imported
J168	BS Sieve 300 Mm Diameter, 0.075 Mm	12	No.	Local/ Imported
J169	Lid And Receiver for The Each of The Above Sieves	3	Set.	Local/ Imported
J170	BS Sieve Brush	3	No.	Local/ Imported
J171	Measuring Cylinder Set, 25ml, 100ml, 500ml, 1000ml, 2000ml	9	Set.	Local/ Imported
J172	Glass Jar Capacity 5 Litres with Lid	60	No.	Local/ Imported

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GN. No. 789 (Contd.)

J173	200mm×200mm×20mm Cadmium Plated Or Aluminium Tin	150	No.	Local/ Imported
J174	Electronic Balance Capacity 1000 g Accurate To 0.01 g	6	No.	Local/ Imported
J175	Electronic Top-Pan Balance 2500 g Capacity, Sensitive To 0.01g	4	No.	Local/ Imported
J176	Balance 2000 g Capacity Accurate To 0.1g (Manual) Including Weights	8	No.	Local/ Imported
J177	Balance 50 Kg Capacity Accurate To 10 g Including Weights	8	No.	Local/ Imported
J178	Still for Producing Distilled Water	3	No.	Local/ Imported
J179	Polythene Or Glass 20 Litres Storage Vessels with Tap At The Bottom	3	No.	Local/ Imported
J180	Stiff Broom	12	No.	Local/ Imported
J181	Vernier Calipers,150 Mm	3	No.	Local/ Imported
J182	Vernier Calipers,250 Mm	3	No.	Local/ Imported
J183	Pestel And Mortar	3	No.	Local/ Imported
J184	Linear Shrinkage Mould(BS 1377)	30	No.	Local/ Imported
J185	Average Least Dimension Gauge	3	No.	Local/ Imported
J186	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.	Local/ Imported
J187	Plastic Or Metal Bucket Including Lid, 10 Litres Capacity	30	No.	Local/ Imported
J188	Polythene Wash Bottle (500 MI)	18	No.	Local/ Imported
J189	20 Litre Capacity Jerricans Complete with Lid for Storage of Water	60	No.	Local/ Imported
J190	a4 Size Clipboard	30	No.	Local/ Imported

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Gn. No. 789 (Contd.)

J191	Thermometer ,Range-50°C To 150°C, Glass(BS 593)	12	No.	Local/ Imported
J192	Laboratory Thermometer , Range 0° To +250°C (BS 593)	6	No.	Local/ Imported
J193	Maximum/Minimum Thermometer (BS b692)	3	No.	Local/ Imported
J194	Rain Gauge	9	No.	Local/ Imported
J195	Portable Dial Thermometer + 50°C -+ 250 °C Accurate To ±3% with 0.75 m Long Stem	6	No.	Local/ Imported
J196	Pocket Dial Gauge Thermometer + 50°C To + 250 °C Accurate To ±3% with 0.1 m Long Stem	12	No.	Local/ Imported
J197	Hot Plate 200 Mm Diameter with Simmerstat Heat Control Unit	6	No.	Local/ Imported
J198	5 Litres Capacity Steel Storage Containers with Leak And Dust Proof Lids for Storage of Bitumen Samples	300	No.	Local/ Imported
J199	450 Mm Diameter × 150 Mm Deep Karais	36	No.	Local/ Imported
	Concrete:Slump And Cube Manufacture			
J200	Slump Cone,Tamping Rod And Base Board	6	Set	Local/ Imported
J201	Concrete Cube Mould, 150 Mm × 150 Mm 150mm	90	No.	Local/ Imported
J202	Soaking Tank for Cubes(Capacity 50 No.)	3	No.	Local/ Imported
J203	Tamping Steel Bar, 13 Mm Diameter ,300 Mm Long	9	No.	Local/ Imported
	Concrete:Cube Compression Testing			

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Gn. No. 789 (Contd.)

J204	Concrete Compression Machine To BS ,1610 Grade a, Electric/Manually- Operated with 300 Mm Gauge,Rectangular Plattens ,1650 Kn Capacity.	4	No.	Local/ Imported
J205	Safety Guard for Equipment In Ltem 189 Above.	4	No.	Local/ Imported
J206	50 mm Distance Spacer for Ltem 189 Above.	8	No.	Local/ Imported
J207	70 mm Distance Spacer for Ltem 189 Above.	8	No.	Local/ Imported
J208	100 mm Distance Spacer for Ltem 189 Above.	8	No.	Local/ Imported
J209	Mechanical Load Pacer	4	No.	Local/ Imported
	Aggregates And Chippings			
J210	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	Local/ Imported
J211	Beaker 250 Ml	6	No.	Local/ Imported
J212	Thermometer, 0°C To + 50°C	6	No.	Local/ Imported
J213	Thermometer, 0°C To + 250°C	6	No.	Local/ Imported
J214	Reagent Grade Silica Gel,500 g Container	60	No.	Local/ Imported
J215	Aggregate Crushing Value Apparatus ,130 Mm Nominal Diameter ,Including Plunger And Base Plate	4	No.	Local/ Imported
J216	Tamping Rod And Metal Measure for Above (BS 812)	4	Set	Local/ Imported
J217	Transverse Distribution of Spray Test for Bitumen Distributor (Depot Tray Test To BS 1707) Equipment	4	Set	Local/ Imported

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J218	Steel Tray 20 Mm Deep × 0.1m ² (for Measuring Bitumen Spray Quantity)	15	No.	Local/ Imported
J219	Purpose Made Detachable Handle 1.5 m Long To Enable The Above Trays To Be Picked Up	6	No.	Local/ Imported
J220	Parraffin Wax	150	kg	Local/ Imported
J221	Gas	4,800	kg	Local/ Imported
J222	Gunny Sack	7,200	No.	Local/ Imported
J223	Plastic Bag 900 Mm × 450 Mm × 1000 Gauge	12,000	No.	Local/ Imported
J224	Plastic Bag 450 Mm × 300 Mm × 1000 Gauge	6,000	No.	Local/ Imported
J225	Filter Paper 150 Mm Dia. Watman No. 5 (Boxes of 100)	300	No.	Local/ Imported
J226	Filter Paper 400 Mm Dia. Watman No. 5 (Boxes of 101)	60	No.	Local/ Imported
J227	Filter Paper 100 Mm Dia. Watman No. 5 (Boxes of 100)	60	No.	Local/ Imported
J228	Trichloroethylene (205 Litre Drum)	6	No.	Local/ Imported
J229	Cotton Waste (Or Drying Cloths)	300	kg	Local/ Imported
J230	Filter Paper 270 Mm Dia. with 33 Mm Dia. Hole In Centre ,Watman No. 5 (Boxes of 100)	45	No.	Local/ Imported
J231	Filter Paper 400 Mm Dia. Watman No. 54 (Boxes of 100)	30	No.	Local/ Imported
J232	Gas Cylinder Compatible with Stove Supplied Under Ltem 27	300	No.	Local/ Imported
J233	Set of Laboratory Cleaning And Washing Up Equipment.	3	No.	Local/ Imported
J234	Set of Curtains for All Windows for The office And Laboratory	3	No.	Local/ Imported

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	Preconditioning of Bitumen Samples Prior to Mixing or Testing			
J234	Heating oven	1	No.	Local/ Imported
J235	Aluminum foil, metal lids	1	No.	Local/ Imported
J236	Sample Containers	5	No.	Local/ Imported
	Density of Bituminous Binders			
J237	Balance accurate to 0.01 grams	1	No.	Local/ Imported
J238	Standardized pycnometers	1	No.	Local/ Imported
J239	Water bath	1	No.	Local/ Imported
J240	Thermometer	1	No.	Local/ Imported
	Flash and Fire Point by Cleveland Open Cup			
J241	Cleveland Open Cup apparatus	1	No.	Local/ Imported
J242	Square shield	1	No.	Local/ Imported
J243	Thermometer ASTM11C	1	No.	Local/ Imported
J244	Barometer	1	No.	Local/ Imported
	Density and Water Absorption of Aggregates Retrieved on a 4.75 mm Sieve			
J245	Heating oven	1	No.	Local/ Imported
	Density and Water Absorption of Aggregates Passing the 4.75 mm Sieve			
J246	Pycnometer	1	No.	Local/ Imported
J247	Vacuum type dessicator	1	No.	Local/ Imported
J248	Vacuum Pump	1	No.	Local/ Imported
J249	Metal mould	1	No.	Local/ Imported
J250	Metal tamper	1	No.	Local/ Imported
	Indirect Tensile Strength Test			

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G.N. No. 789 (Contd.)

J251	Typically marshall type test apparatus	1	No.	Local/ Imported
J252	An indirecet tensile stress loading frame	1	No.	Local/ Imported
	Determination of Binder Content and Aggregate Grading by Extraction			
J253	Extraction apparatus	1	No.	Local/ Imported
J254	Electric hot plate	1	No.	Local/ Imported
J255	Centrifuge with approx.3500 rotations per minute	1	No.	Local/ Imported
J256	Centrifuge cylinders	1	No.	Local/ Imported
J257	Steel Rod 75mm Long ×3.2mm Diameter	1	No.	Local/ Imported
J258	Large flat pan	1	No.	Local/ Imported
J259	Heat insulated gloves	5	No.	Local/ Imported
J260	Solvent Proof goves	5	No.	Local/ Imported
	In situ Density and Moisture content of bituminous layers in-place by nuclear methods.			
J261	Nucleus density instrument	1	no.	Local/ Imported
	Standard practice for accelerated aging of asphalt binder using a Pressure Aging Vessel (PAV)			
J262	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)			
J263	Dynamic Shear Rheometer (DSR)	1	no.	Local/ Imported
	Standard test method for viscosity determination of asphalt binder using Rotational Viscometer			

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J264	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			
J265	Superpave Gyratory Compactor	1	no.	Local/ Imported
	Flash and Fire Points by Cleveland Open Cup (more common for asphalt cement used in HMA)			

J266	Flash points test machine	1	no.	Local/ Imported
J267	Fire points test machine	1	no.	Local/ Imported
	Determining Rutting Susceptibility of Asphalt Paving Mixtures Using the Asphalt Pavement Analyzer (APA)			
J268	Asphalt Pavement Analyzer (APA)	1	no.	Local/ Imported
	Viscosity of Asphalts by Vacuum Capillary Viscometer			
J269	Vacuum Capillary Viscometer	1	no.	Local/ Imported
I	Services			Local
I1	Vehicle Insurance	1	Contract	Local
I4	Transportation	3	Contract	Local
I5	Internet	1	Contract	Local
I7	Services for construction of the ENGINEER'S ACCOMMODATION and OFFICES	1	Contract	Local
I8	Services for HIV/AIDS, STIs, STDs AND CHILD ABUSE,SEXUAL HARRASMENT PREVENTION AND AWARENESS PROGRAMS AND TRAINING	1	Contract	Local

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I9	Services for ROAD SAFETY IMPROVEMENT, TRAINING AND AWARENESS PROGRAMS	1	Contract	Local
I10	Services for STONE PITCHING, RIPRAP AND GABIONS	3	Contract	Local
I11	Services for BRIDGE PILLING WORKS	1	Contract	Local
I12	Services for ELECTRICAL WORKS	1	Contract	Local
I13	Servicesk for DRILLING BOREHOLE WORKS	1	Contract	Local
I14	Services for STREET LIGHT	1	Contract	Local
I15	Maintanence for Equipment& Vehicles	1	Contract	Local

Dodoma,
11th sept,2020

PHILIP I. MPANGO
Minister of Finance and Planning