

*Value Added Tax (Exemption) (Supply, Design, Manufacture, Test, Deliver, Install,
Complete and Commission of Meteorological Instruments and Three
Meteorological Weather Radar
(Tanzania Meteorological Agency)*

GOVERNMENT NOTICE NO.241 Published On 3/4/2020

THE VALUE ADDED TAX ACT,
(CAP. 148)

ORDER

(Made under section 6 (2))

THE VALUE ADDED TAX (EXEMPTION) (SUPPLY, DESIGN, MANUFACTURE, TEST,
DELIVER, INSTALL, COMPLETE AND COMMISSION OF METEOROLOGICAL
INSTRUMENTS AND THREE METEOROLOGICAL WEATHER RADAR
(TANZANIA METEOROLOGICAL AGENCY) ORDER, 2020

Citation and
commencem
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1. This Order may be cited as the Value Added Tax (Exemption) (Supply, Design, Manufacture, Test, Deliver, Install, Complete and Commission of Meteorological Instruments and Three Meteorological Weather Radar (Tanzania Metrological Agency) Order, 2020 and shall be deemed to have come into operation on 1st February, 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 General of Tanzania Revenue Authority, the whole of the Value Added Tax payable on the goods or services specified in the Schedule to this Order imported or purchased prior to clearance through customs or locally purchased by or on behalf of Tanzania Meteorological Agency to be used solely in the project for supply, design, manufacture, test, deliver, install, complete and commission of meteorological instruments and three meteorological weather radar is hereby exempted.

(2) For avoidance of doubt, the goods imported or locally purchased, whether directly by the 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 30th July 2020.

SCHEDULE

(Made under paragraph 2)

GOODS

PART A

S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHAS E OF ITEMS (Local or Imported)
1	AUTOMATIC WEATHER STATAION- AWS310 SITE	2	SET	Imported
2	AUTOMATIC WEATHER STATAION- AWS310 SITE	2	SET	Imported
3	GPRS MODEM WITH ANTENA – AWS PRITEL 3	2	SET	Imported
4	DKP200 SERIES MAST – DKP200	2	SET	Imported
5	DKP200 SERIES MAST – DKP200	2	SET	Imported
6	DKE100 COMPOSITE MASTS	2	SET	Imported
7	DKE100 COMPOSITE MASTS	2	SET	Imported
8	FS11 VISIBILITY SENSOR/PRESENT WEATHER SENSOR	4	SET	Imported
9	RCA11 RADIO, ANTENNA AND COMBINE SET	2	SET	Imported
10	RME11 RSDIO MODEM ENCLOSURE FOR CENTRAL SITE	2	SET	Imported
11	DIVICE SERVER MOXA NPORT 1A5150AI-T	4	EA	Imported
12	ETHERNET SWITCH UNMANAG 5 PORTS	2	EA	Imported

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13	PROJECTITEM (Semi Rugged Laptop Pc with External Keyboard and Mouse + Wire Lock)	4	EA	Imported
14	DISPLAY, FLAT APNEL 23INCH, DELL	4	EA	Imported
15	PROJECTITEM (APC line –R Automatic Voltage regulation.	4	EA	Imported
16	AWW501 VAILASLA AVIMET CENTRAL SYSTEM SOFTWARE	2	SET	Imported
17	Project Management Configuration and Integration	1	EA	Imported

PART B

S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHA SE OF ITEMS (Local or Imported)
	Schedule No.1 Goods and Mandatory Spare Parts Supplied from Abroad			
1.0	DEFENDER S850, S-BAND, SIMULTANEOUS DUAL POLARIZATION RADAR <ul style="list-style-type: none"> • 850kW S-Band Magnetron Transmitter with Solid-State Modulator • Radar Control Unit Rack with latest Technology Signal Processor • Advanced Digital Control interface Dual Polarization Antenna/Pedestal Assembly <ul style="list-style-type: none"> • Heavy Duty Pedestal • 8.5 Meter Reflector (< 1.0 degree) with Dual Polarization Feed • EEC Patented • “” Above Elevation Axis”” RF Enclosure with: <ul style="list-style-type: none"> -State-of-the-Art Receiver Front-End (RFE) - State-of-the-Art Intermediate Frequency Digitizer (IFD) • Fiber-Optic Rotary Joint Documentation (included with Radar)	2 2 2 2 2 2 2	EA EA EA EA EA EA EA	Imported

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S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHA SE OF ITEMS (Local or Imported)
	System)			
	12.5 Meter Sandwich Foam Core Radome <ul style="list-style-type: none"> • Crating/Shipping Container, Installation Hardware & Manual, Hydrophobic Coating, Lightning Protection, Tuned Flanges, ICAO Aircraft Warning Lights 	2	EA	Imported
	EDGE Data Processing (RDP) Server (Primary & Backup) <ul style="list-style-type: none"> • Primary RPD server (1 ea.) & Backup RPD Server (1 ea.) • Color Laser Printers 	2	EA	Imported
		4	EA	
	EDGE Control Client (RDP) Workstation	2	EA	Imported
	EDGE Client Display Workstation <ul style="list-style-type: none"> • Located at various locations 	12	EA	Imported
	Storage Server <ul style="list-style-type: none"> • 8 Bay storage with 32GB DRAM • 48TB Total Capacity (42 TB in RAID Capacity) 	2	EA	Imported
	Galvanized Tower (30M)	2	EA	Imported
	Generator – Perkins Diesel Engine, 33kVA	2	EA	Imported
	UPS, 20KVA with Voltage Stabilizer	2	EA	Imported
	4WD Vehicle – Toyota Hilux 4WD Double Cabin Pickup.	2	EA	Imported/ Local
	Installation Services			
	Radar System Installation <ul style="list-style-type: none"> • One (1) EEC Mechanical Engineer for (5) five weeks • One (1) EEC Electronic Engineer for (3) three weeks • Installation of 8.5 Meter Antenna /11.5 Meter Radome 	2	EA	Imported

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S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHA SE OF ITEMS (Local or Imported)
	<ul style="list-style-type: none"> Radar system installation 			
	Factory training – Technical Maintenance Course <ul style="list-style-type: none"> Eight weeks (8) for Eight (8) TMA Personnel Training documentation for Eight (8) personnel 	1	EA	Imported
	Factory Training – Operator Course <ul style="list-style-type: none"> Four (4) weeks for Eight (8) TMA personnel 	1	EA	Imported
	On Site Training – technical maintenance course <ul style="list-style-type: none"> 10 Days (10) for up to Eight (8) TMA Personnel Training Documentation for Eight (8) Personnel 	1	EA	Imported
	On Site Training – operators’ course (10days/12 persons)	1	EA	Imported
	10 Days (10) for up to Ten (10) TMA Personnel <ul style="list-style-type: none"> Training documentation for Twelve (12) Personnel 			
	On – Site Calibration			
	Spare Parts & Test Equipment			
	Grease Gun & Tubes of Grease (15 Tubes) per site	30	EA	Imported
	Waveguide Screw (Qty – 100) per site	200	EA	Imported
	Waveguide O=Rings (Qty – 25) per site	50	EA	Imported
4.0	Lot of fuses – 10 ea (0.25, 0.5, 2, 3, 4, 5, ASB and Fast125V) per site	120	EA	Imported
5.0	Lot of Relays for System	2	EA	Imported

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S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHA SE OF ITEMS (Local or Imported)
6.0	Dehydrator Absorption Unit	2	EA	Imported
7.0	Temperature Sensor	2	EA	Imported
8.0	Humidity Sensor	2	EA	Imported
9.0	BITE Module = 16 = Channel Discrete I/O, Ethernet	2	EA	Imported
10.0	BITE Module = 12 = Channel Analog I/O, Ethernet	2	EA	Imported
11.0	4- Port USB Hub	2	EA	Imported
12.0	RF Switch	2	EA	Imported
13.0	Power Supply, Din Mount, 24VDC, 4.2A	2	EA	Imported
14.0	Power Supply, Din Mount, 15VDC, 3.33A	2	EA	Imported
15.0	Power Supply, Din Mount, 12VDC, 10A	2	EA	Imported
16.0	Power Supply, Din Mount, 24VDC, 2.1A	2	EA	Imported
17.0	Power Supply, Din Mount, 24VDC, 10A	2	EA	Imported
18.0	Power Supply, Din Mount, 24VDC, 15A	2	EA	Imported
19.0	Power Supply, Din Mount, 24VDC, 4.2A	2	EA	Imported
20.0	Ethernet Switch, 8 port	2	EA	Imported
21.0	Gigabit Ethernet Switch	2	EA	Imported
22.0	Ethernet Switch, 7 port, 1 fiber SC Connector	4	EA	Imported
23.0	S=Band LAN Module	2	EA	Imported
24.0	Filter Assembly PCA	2	EA	Imported
25.0	Blower, Magnetron	2	EA	Imported

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S/N	ITEM DESCRIPTION	QUANTIT Y (QTY)	UNIT OF MEASUR E	PLACE OF PURCHA SE OF ITEMS (Local or Imported)
26.0	Pressure Switch	2	EA	Imported
27.0	Lightning Protection Board, 24V	2	EA	Imported
28.0	Lamp, 250VAC Green (Qty- 10) per site	20	EA	Imported
	Recommended Test Equipment			
1.0	Tektronix Digital Oscilloscope	2	EA	Imported
2.0	RF Power Meter	2	EA	Imported
3.0	RF Sensor	2	EA	Imported
4.0	Fluke Digital Multimeter and Leads Kit	2	EA	Imported
5.0	Power Attenuator Set (3dB, 6dB, 10dB, 20dB,30dB,40dB, 50dB) per site	14	EA	Imported
6.0	Nerada Crystal (RF) Detector	2	EA	Imported
7.0	EEC Set of Test Cables, RF Adapters and RF Connector (per site)	6	EA	Imported
8.0	Mechanical Toolbox	2	EA	Imported
9.0	Electrical Toolbox	2	EA	Imported
10.0	Ladder (extendable to 12m)	2	EA	Imported
11.0	Self-supported ladder	2	EA	Imported
12.0	Safety Harness (Belts)	2	EA	Imported

PART C

1.0	DEFENDER S850, S-BAND, SIMULTANEOUS DUAL POLARIZATION RADAR	1	EA	Imported
	• 850kW S-Band Magnetron Transmitter with Solid-State Modulator	1		
	• Radar Control Unit Rack with	1		
		1		

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	<ul style="list-style-type: none"> latest Technology Signal Processor • Advanced Digital Control interface 	<p style="text-align: center;">1 1 1 1 1 1 1</p>		
	<ul style="list-style-type: none"> Dual Polarization Antenna/Pedestal Assembly • Heavy Duty Pedestal • 8.5 Meter Reflector (< 1.0 degree) with Dual Polarization Feed • EEC Patented “” Above Elevation Axis”” RF Enclosure with: -State-of-the-Art Receiver Front-End (RFE) - State-of-the-Art Intermediate Frequency Digitizer (IFD) • Fiber-Optic Rotary Joint 	<p style="text-align: center;">1 1 1 1 1 1 1</p>		
	<ul style="list-style-type: none"> 12.5 Meter Sandwich Foam Core Radome • Crating/Shipping Container, Installation Hardware & Manual, Hydrophobic Coating, Lightning Protection, Tuned Flanges, ICAO Aircraft Warning Lights 	<p style="text-align: center;">1</p>	EA	Imported
	<ul style="list-style-type: none"> EDGE Data Processing (RDP) Server (Primary & Backup) • Color Laser Printers (1sa) EDGE Data Processing (RDP) Server (Primary & Backup) • Color Laser Printers (1sa) 	<p style="text-align: center;">2</p>	EA	Imported
	EDGE Mosaic Server	<p style="text-align: center;">1</p>	EA	Imported
	EDGE Control Client (RDP) Workstation	<p style="text-align: center;">1</p>	EA	Imported
	EDGE Client Display Workstation	<p style="text-align: center;">1</p>	EA	Imported
	<ul style="list-style-type: none"> Storage Server (for Edge Mosaic Server) • 8 Bay storage with 32GB DRAM • 48TB Total Capacity (42 TB in RAID Capacity) 	<p style="text-align: center;">1</p>	EA	Imported
	Galvanized Tower (30M)	<p style="text-align: center;">1</p>	EA	Imported
	Generator – Perkins Diesel Engine, 33kVA	<p style="text-align: center;">1</p>	EA	Imported
	UPS, 20KVA with Voltage Stabilizer	<p style="text-align: center;">1</p>	EA	Imported
	Microwave Communication Link (10MBPS Capacity)	<p style="text-align: center;">1</p>	EA	Imported
	4WD Vehicle – Toyota Hilux 4WD Double Cabin Pickup	<p style="text-align: center;">1</p>	EA	Imported/ Local

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Installation Services				
1.0	Radar System Installation <ul style="list-style-type: none"> • One (1) EEC Mechanical Engineer for (5) five weeks • One (1) EEC Electronic Engineer for (3) three weeks • Installation of 8.5 Meter Antenna /11.5 Meter Radome • Radar system installation 	1	EA	Imported
2.0	Site preparedness (service provides by Infratech Limited Tanzania) <ul style="list-style-type: none"> • Generator Civil Works & Shade • Civil Works for Tower Installation • Crane & Forklift for Installation • Certified Riggers 	1	EA	Imported
3.0	Factory training – Technical Maintenance Course <ul style="list-style-type: none"> • Eight weeks (8) for four (4) TMA Personnel 	1	EA	Imported
4.0	Factory Training – Operator Course <ul style="list-style-type: none"> • Four (4) weeks for four (4) TMA personnel 	1	EA	Imported
5.0	On Site Training – technical maintenance course <ul style="list-style-type: none"> • 10 Days (10) for up to Eight (8) TMA Personnel 	1	EA	Imported
6.0	On Site Training – operators’ course (10days/10 persons)	1	EA	Imported
	10 Days (10) for up to Ten (10) TMA Personnel			
	Recommended Spare Parts & Test Equipment			
1.0	Grease Gun & Tubes of Grease (15 Tubes)	15	EA	Imported
2.0	Waveguide Screw (Qty – 100)	100	EA	Imported
3.0	Waveguide O=Rings (Qty – 25)	25	EA	Imported
4.0	Lot of fuses – 10 ea(0.25,0.5,2,3,4,5,ASB and Fast125V)	60	EA	Imported
5.0	Lot of Relays for System	1	EA	Imported
6.0	Dehydrator Absorption Unit	1	EA	Imported

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7.0	Temperature Sensor	1	EA	Imported
8.0	Humidity Sensor	1	EA	Imported
9.0	BITE Module = 16 = Channel Discrete I/O, Ethernet	1	EA	Imported
10.0	BITE Module = 12 = Channel Analog I/O, Ethernet	1	EA	Imported
11.0	4- Port USB Hub	1	EA	Imported
12.0	RF Switch	1	EA	Imported
13.0	Power Supply, Din Mount, 24VDC, 4.2A	1	EA	Imported
14.0	Power Supply, Din Mount, 15VDC, 3.33A	1	EA	Imported
15.0	Power Supply, Din Mount, 12VDC, 10A	1	EA	Imported
16.0	Power Supply, Din Mount, 24VDC, 2.1A	1	EA	Imported
17.0	Power Supply, Din Mount, 24VDC, 10A	1	EA	Imported
18.0	Power Supply, Din Mount, 24VDC, 15A	1	EA	Imported
19.0	Power Supply, Din Mount, 24VDC, 4.2A	1	EA	Imported
20.0	Ethernet Switch, 8 port	1	EA	Imported
21.0	Gigabit Ethernet Switch	1	EA	Imported
22.0	Ethernet Switch, 7 port, 1 fiber SC Connector	2	EA	Imported
23.0	S-Band LNA Module	1	EA	Imported
24.0	Filter Assembly PCA	1	EA	Imported
25.0	Blower, Magnetron	1	EA	Imported
26.0	Pressure Switch	1	EA	Imported
27.0	Lightning Protection Board, 24V	1	EA	Imported
28.0	Lamp, 250VAC Green (Qty- 10)	10	EA	Imported
	Recommended Test Equipment			
1.0	Tektronix Digital Oscilloscope	1	EA	Imported

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2.0	RF Power Meter	1	EA	Imported
3.0	RF Sensor	1	EA	Imported
4.0	Fluke Digital Multimeter and Leads Kit	1	EA	Imported
5.0	Power Attenuator Set (3dB, 6dB, 10dB, 20dB,30dB,40dB, 50dB)	7	EA	Imported
6.0	Nerada Crystal (RF) Detector	1	EA	Imported
7.0	EEC Set of Test Cables, RF Adapters and RF Connector	3	EA	Imported
8.0	Mechanical Toolbox	1	EA	Imported
9.0	Electrical Toolbox	1	EA	Imported

Dodoma,
31st March, 2020

PHILIP. I MPANGO
Minister of Finance and Planning