



NEBRASKA
DEPT. OF ADMINISTRATIVE SERVICES

Proposal

GatesAir
5300 Kings Island Drive, Suite 101
Mason, OH 45040
Phone: 951-294-4365
Nick.Vanhaaster@GatesAir.com

NET TV Translator Refresh (8 Transmitters)

ITB # 6078 OF BAFO

Presented to:

Julie Dabydeen, Buyer—State Purchasing Bureau

By:

Nick Van Haaster, Regional Sales Manager



5300 Kings Island Dr
Mason, OH USA 45040
1 800.622.0022
gatesair.com

July 30, 2019

State of Nebraska
Attn. Julie Dabydeen,
State Purchasing Bureau
1526 K Street, suite 130
Lincoln, NE 68508

Dear Julie Dabydeen:

On behalf of GatesAir Inc., we are pleased to submit the following response to your request for our overall Best and Final Offer (BAFO) to ITB #6078 OF "NET TV Translator Refresh (8 transmitters)".

We are proposing our Maxiva™ UAXTE Solid-State Air-Cooled UHF transmitter for the 50W, 1200W power levels and the 100W Maxiva™ VAXTE Solid-State Air-Cooled for the VHF transmitters. These transmitters include the GatesAir PowerSmart® technology architecture providing high efficiency, allowing an increase in power density, lower operating costs, and reduced cost of ownership over the life of the transmitters. All GatesAir products are manufactured and assembled in Quincy, IL USA. Customer support is available 24/7/365 with an on-call engineer along with spare parts stocked here in the United States.

Should you require additional information or have any questions, please do not hesitate to contact Nick VanHaaster, Regional Sales Manager at 951-294-4365, or myself at 513-459-3482.

Thank you for your consideration. We look forward to a successful relationship.

Sincerely,

A handwritten signature in blue ink that reads "Rich Lohmueller".

Rich Lohmueller
Proposal Manager
GatesAir
5300 Kings Island Drive
Mason, OH 45040
Ph.: 513-459-3482
Email: rlohmuel@gatesair.com



Publication Information

Sales Team

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Phone: 951-294-4365

Nick.VanHaaster@gatesair.com

Systems Architect

Rich Lohmueller
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GatesAir reserves the right, without notice to make such changes in equipment, design, specifications, components, or documentation as progress may warrant to improve the performance of the product.

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Contact Information

GatesAir has office locations around the world. For locations and contact information see: <http://www.gatesair.com/contact>

Corporate Office:

5300 Kings Island Drive
Cincinnati, OH, USA, 45040
Tel: 1 800-622-0022
Fax: 513-459-3796

Factory Location:

3200 Wisman Lane
PO Box 4290
Quincy, IL, USA, 62301
Tel: 217-222-8200



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Best and Final Offer (Cost Sheet)

Detailed Itemized Sheet

**Best & Final Offer
(Cost Sheet)**

6078 OF
NETV - BEST AND FINAL OFFER
COST SHEET

Line #	NET TV TRANSLATOR REFRESH (8 TRANSMITTERS)			Unit Price
	Description	Qty	UOM	
1	50W UHF TRANSMITTER, CHANNEL 14 - Make and Model Bidding: GatesAir UAXTE-50	1	EA	\$ 7,840.00
2	MASK FILTER, CHANNEL 14 - Make and Model Bidding: FLUA-00125-6AT	1	EA	\$ 1,078.00
3	50W UHF TRANSMITTER, CHANNEL 20 - Make and Model Bidding: GatesAir UAXTE-50	1	EA	\$ 7,840.00
4	MASK FILTER, CHANNEL 20 - Make and Model Bidding: FLUA-00125-6AT	1	EA	\$ 1,078.00
5	50W UHF TRANSMITTER, CHANNEL 24 - Make and Model Bidding: GatesAir UAXTE-50	1	EA	\$ 7,840.00
6	MASK FILTER, CHANNEL 24 - Make and Model Bidding: FLUA-00125-6AT	1	EA	\$ 1,078.00
7	100W VHF TRANSMITTER, CHANNEL 6 - Make and Model Bidding: GatesAir VAXTE-100L-C	1	EA	\$ 8,024.00
8	MASK FILTER, CHANNEL 6 - Make and Model Bidding: Com-Tech A-HR6P60A-EE	1	EA	\$ 1,700.41
9	100W VHF TRANSMITTER, CHANNEL 10 - Make and Model Bidding: GatesAir VAXTE-100-C	1	EA	\$ 8,024.00
10	MASK FILTER, CHANNEL 10 - Make and Model Bidding: Com-Tech CL6X30B	1	EA	\$ 1,126.93
11	1200W UHF TRANSMITTER CHANNEL 23 - Make and Model Bidding: GatesAir UAXTE-2R37	1	EA	\$ 25,281.41
12	MASK FILTER, CHANNEL 23 - Make and Model Bidding: FLUA-01250-6AT	1	EA	\$ 3,969.39
13	DUAL EXCITER CONFIGURATION CHANNEL 23 - Make and Model Bidding: GatesAir UAXTE-DD	1	EA	\$ 9,900.00
14	SHELF SPARE PA MODULE OPTION CHANNEL 23 - Make and Model Bidding: GatesAir 9810126306G	1	EA	\$ 5,100.75
15	1200W UHF TRANSMITTER, CHANNEL 33 - Make and Model Bidding: GatesAir UAXTE-2R37	2	EA	\$ 50,562.82
16	MASK FILTER, CHANNEL 33 - Make and Model Bidding: FLUA-01250-6AT	2	EA	\$ 7,938.78
17	DUAL EXCITER CONFIGURATION CHANNEL 33 - Make and Model Bidding: GatesAir UAXTE-DD	2	EA	\$ 19,800.00
18	SHELF SPARE PA MODULE OPTION CHANNEL 33 - Make and Model Bidding: GatesAir 9810126306G	1	EA	\$ 5,100.75
Total cost of lines 1-18				\$173,283.24

Please Attach Separate Itemized Price Sheet for Each Line Item Listed Above


Bidder Signature

7/23/19
Date

GatesAir
Company Name

Detailed Itemized
Sheet



Quote Number: Q-82833
www.gatesair.com

To:
Nebraska ETV Commission
1800 North 33rd Street
MS02
Lincoln NE, 68503 USA

From:
GatesAir, Inc.
5300 Kings Island Drive, Suite 101
Mason OH, 45040 USA

Attn: Julie Dabydeen
(407) 471-6500

Nick Van Haaster
Regional Sales Manager
nick.vanhaaster@gatesair.com

Summary – All Prices are in USD

Summary	Amount
50W Ch. 14 Transmitter	\$7,840.00
50W Ch. 14 Mask Filter	\$1,078.00
50W Ch. 20 Transmitter	\$7,840.00
50W Ch. 20 Mask Filter	\$1,078.00
50W Ch. 24 Transmitter	\$7,840.00
50W Ch. 24 Mask Filter	\$1,078.00
100W Ch. 6 Transmitter	\$8,024.00
100W Ch. 6 Mask Filter	\$1,700.41
100W Ch. 10 Transmitter	\$8,024.00
100W Ch. 10 Mask Filter	\$1,126.93
1200W Ch. 23 Transmitter	\$25,281.41
1200W Ch. 23 Mask Filter	\$3,969.39
Dual Exciter Configuration	\$9,900.00
Shelf Spare PA Module Option	\$5,100.75
(2) 1200W Ch. 33 Transmitters	\$50,562.82
1200W Ch. 33 Mask Filter	\$7,938.78
Dual Exciter Configuration	\$19,800.00
Shelf Spare PA Module Option	\$5,100.75
Total Quote Price (Optional Items Not Included)	\$173,283.24

Is the purchase of this equipment or services exempt from sales tax? YES or NO
If NO - sales tax will be added to your invoices at the rate assigned to the ship to address.

If YES - Sales Tax Exemption Number _____ COPY OF CERTIFICATE MUST BE ATTACHED

Who can we contact regarding sales tax questions on behalf of your company?

Name: _____

Phone Number: _____



Quote Number: Q-82833
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Bill To:
 Nebraska ETV Commission
 1800 North 33rd Street
 MS02
 Lincoln NE, 68503 USA
Attn:
 Julie Dabydeen
 (407) 471-6500

Ship To:
 Nebraska ETV Commission
 1800 North 33rd Street
 MS02
 Lincoln NE, 68503 USA
Attn:
 Julie Dabydeen
 (407) 471-6500

Quote #: Q-82833
Payment Terms: Net 30 Days
Effective Date: July 30, 2019
Valid Through: August 29, 2019
 Send Orders to
orders@gatesair.com
Freight Terms: Destination Prepaid

50W Ch. 14 Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
2	UAXTE-50	1	\$7,840.00	\$7,840.00
<p>UAXTE-50-C Maxiva Series High Efficiency UAXTE-50-C Air-Cooled, Solid-State, Digital Television Transmitter, Band IV/V, 470-750MHz. Type N (F) transmitter output connector. Transmitter does not include a rack. 70W Average Power Out (Before Mask filter) Single-Phase, 110-240 Volts -15%/+10%, 47-63Hz.</p> <p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply</p> <p>Included with Transmitter: (1) Factory Test at Rated Customer Power (1) Maxiva UAXTE Series Transmitter Manual</p> <p>Options (not included, sold separately): - 23RU Standard Rack - 37RU Standard Rack - 44RU Standard Rack - Mask Filter - Pre-Mask Filter measurement coupler - Post Mask filter measurement coupler</p>				
3	UAXTE-SW-AT	1	\$0.00	\$0.00
UAXTE ATSC Modulation Software				



No.	Product #	Qty	Net Unit Price	Ext. Price
4	WNTY_EXTD_36MO	1	\$0.00	\$0.00
Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
50W Ch. 14 Transmitter TOTAL:				\$7,840.00

50W Ch. 14 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
5	FLUA-00125-6AT	1	\$585.00	\$585.00
Reflective Standard ATSC Mask Filter, 125W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output				
6	9710051028G	1	\$255.00	\$255.00
9710051028G KIT, 'N' COUPLER, POST-FILTER KIT 1EA 6200118000 ADAPTER, N, UG-57B/U PLUG/PLUG (depending on filter type) 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK (depending on filter type) 1EA 9529248080 CABLE COAX EXTENDED COUPLER 1EA 9710023193 CPLR UHF/VHF NF 4-PORT 29/3X35DB				
7	9710078129	1	\$238.00	\$238.00
KIT, UAXTE, RF CABLE, N TYPE PRE FILTER CABLE KIT FROM TX TO BPF 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK 1EA 9529265039 CABLE, EXTERNAL				
50W Ch. 14 Mask Filter TOTAL:				\$1,078.00

50W Ch. 20 Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
9	UAXTE-50	1	\$7,840.00	\$7,840.00
<p>UAXTE-50-C Maxiva Series High Efficiency UAXTE-50-C Air-Cooled, Solid-State, Digital Television Transmitter. Band IV/V, 470-750MHz. Type N (F) transmitter output connector. Transmitter does not include a rack. 70W Average Power Out (Before Mask filter) Single-Phase, 110-240 Volts -15%/+10%, 47-63Hz.</p> <p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier</p>				



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No.	Product #	Qty	Net Unit Price	Ext. Price
- (1) PA Power Supply Included with Transmitter: (1) Factory Test at Rated Customer Power (1) Maxiva UAXTE Series Transmitter Manual Options (not included, sold separately): - 23RU Standard Rack - 37RU Standard Rack - 44RU Standard Rack - Mask Filter - Pre-Mask Filter measurement coupler - Post Mask filter measurement coupler				
10	UAXTE-SW-AT	1	\$0.00	\$0.00
UAXTE ATSC Modulation Software				
11	WNTY_EXTD_36MO	1	\$0.00	\$0.00
Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
50W Ch. 20 Transmitter TOTAL:				\$7,840.00

50W Ch. 20 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
12	FLUA-00125-6AT	1	\$585.00	\$585.00
Reflective Standard ATSC Mask Filter, 125W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output				
13	9710051028G	1	\$255.00	\$255.00
9710051028G KIT, 'N' COUPLER, POST-FILTER KIT 1EA 6200118000 ADAPTER, N, UG-57B/U PLUG/PLUG (depending on filter type) 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK (depending on filter type) 1EA 9529248080 CABLE COAX EXTENDED COUPLER 1EA 9710023193 CPLR UHF/VHF NF 4-PORT 29/3X35DB				
14	9710078129	1	\$238.00	\$238.00
KIT, UAXTE, RF CABLE, N TYPE PRE FILTER CABLE KIT FROM TX TO BPF 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK 1EA 9529265039 CABLE, EXTERNAL				
50W Ch. 20 Mask Filter TOTAL:				\$1,078.00

50W Ch. 24 Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
16	UAXTE-50	1	\$7,840.00	\$7,840.00
UAXTE-50-C Maxiva Series High Efficiency UAXTE-50-C Air-Cooled, Solid-State, Digital Television Transmitter. Band IV/V, 470-750MHz. Type N (F) transmitter output connector. Transmitter does not include a rack. 70W Average Power Out (Before Mask filter) Single-Phase, 110-240 Volts -15%/+10%, 47-63Hz.				



No.	Product #	Qty	Net Unit Price	Ext. Price
<p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply</p> <p>Included with Transmitter: (1) Factory Test at Rated Customer Power (1) Maxiva UAXTE Series Transmitter Manual</p> <p>Options (not included, sold separately): - 23RU Standard Rack - 37RU Standard Rack - 44RU Standard Rack - Mask Filter - Pre-Mask Filter measurement coupler - Post Mask filter measurement coupler</p>				
17	UAXTE-SW-AT	1	\$0.00	\$0.00
UAXTE ATSC Modulation Software				
18	WNTY_EXTD_36MO	1	\$0.00	\$0.00
Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
50W Ch. 24 Transmitter TOTAL:				\$7,840.00

50W Ch. 24 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
19	FLUA-00125-6AT	1	\$585.00	\$585.00
Reflective Standard ATSC Mask Filter, 125W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output				
20	9710078129	1	\$238.00	\$238.00
KIT, UAXTE, RF CABLE, N TYPE PRE FILTER CABLE KIT FROM TX TO BPF 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK 1EA 9529265039 CABLE, EXTERNAL				
21	9710051028G	1	\$255.00	\$255.00
9710051028G KIT, 'N' COUPLER, POST-FILTER KIT 1EA 6200118000 ADAPTER, N, UG-57B/U PLUG/PLUG (depending on filter type) 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK (depending on filter type) 1EA 9529248080 CABLE COAX EXTENDED COUPLER				



No.	Product #	Qty	Net Unit Price	Ext. Price
	1EA 9710023193 CPLR UHF/VHF NF 4-PORT 29/3X35DB			
50W Ch. 24 Mask Filter TOTAL:				\$1,078.00

100W Ch. 6 Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
22	VAXTE-100L-C	1	\$8,024.00	\$8,024.00
<p>VAXTE-100L-C Maxiva Series High Efficiency VAXTEL-100L-C Air-Cooled, Solid-State, Digital Television. VHF Band I, 54-88MHz. Type N (F) transmitter output connector. Transmitter does not include a rack. 150W DTV Average Power Out (Before Mask filter) Single-Phase, 208-240 Volts -15%/+10%, 47-63Hz.</p> <p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI / SMPTE-310 / ETI inputs, with auto-switching - (2) TSoIP / EDI / IP Transport inputs, with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GNSS (GPS/GLONASS)receiver (Antenna/cable sold separately) - Built in battery UPS (for modulator/exciter section) - For ATSC 1.0 modulation, optional SFN (software key required) - (1) VHF BAND 1 Broadband Power Amplifier - (1) PA Power Supply</p> <p>Included with Transmitter: (1) Factory Test at Rated Customer Power (1) Maxiva VAXTE Series Transmitter Manual</p> <p>Options (not included, sold separately): - 23RU Standard Rack - 37RU Standard Rack - 44RU Standard Rack - Mask Filter - Post Mask filter measurement coupler</p>				
23	VAXTE-SW-AT	1	\$0.00	\$0.00
VAXTE ATSC Modulation Software				
24	WNTY_EXTD_36MO	1	\$0.00	\$0.00
Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
100W Ch. 6 Transmitter TOTAL:				\$8,024.00

100W Ch. 6 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
25	GA999TO	1	\$1,207.41	\$1,207.41



No.	Product #	Qty	Net Unit Price	Ext. Price
VHF BAND I MASK FILTER max 125W ATSC FCC Mask A-HR6P60A-EE VHF B.I - 6-Pole 60 mm Bandpass Filter				
26	9710078129	1	\$238.00	\$238.00
KIT, UAXTE, RF CABLE, N TYPE PRE FILTER CABLE KIT FROM TX TO BPF 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK 1EA 9529265039 CABLE, EXTERNAL				
27	LB VHF Coupler	1	\$255.00	\$255.00
LOW BAND VHF KIT, 'N' COUPLER, POST-FILTER KIT 1EA 6200118000 ADAPTER, N, UG-57B/U PLUG/PLUG (depending on filter type) 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK (depending on filter type) 1EA 9529248080 CABLE COAX EXTENDED COUPLER 1EA CPLR VHF LB NF 4-PORT				
100W Ch. 6 Mask Filter TOTAL:				\$1,700.41

100W Ch. 10 Transmitter

No.	Product #	Qty	Net Unit Price	Ext. Price
29	VAXTE-100-C	1	\$8,024.00	\$8,024.00
<p>VAXTE-100-C Maxiva Series High Efficiency VAXTE-100 Air-Cooled, Solid-State, Digital Television. VHF Band III, 170-240MHz. Type N (F) transmitter output connector. Transmitter does not include a rack. 150W DTV Average Power Out (Before Mask filter) Single-Phase, 208-240 Volts -15%/+10%, 47-63Hz.</p> <p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI / SMPTE-310 / ET1 inputs, with auto-switching - (2) TSolP / EDI / IP Transport inputs, with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GNSS (GPS/GLONASS)receiver (Antenna/cable sold separately) - Built in battery UPS (for modulator/exciter section) - For ATSC 1.0 modulation, optional SFN (software key required) - (1) VHF Broadband Power Amplifier - (1) PA Power Supply</p> <p>Included with Transmitter: (1) Factory Test at Rated Customer Power (1) Maxiva VAXTE Series Transmitter Manual</p> <p>Options (not included, sold separately): - 23RU Standard Rack - 37RU Standard Rack - 44RU Standard Rack - Mask Filter - Post Mask filter measurement coupler</p>				
30	VAXTE-SW-AT	1	\$0.00	\$0.00



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No.	Product #	Qty	Net Unit Price	Ext. Price
VAXTE ATSC Modulation Software				
31	WNTY_EXTD_36MO	1	\$0.00	\$0.00
Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
100W Ch. 10 Transmitter TOTAL:				\$8,024.00

100W Ch. 10 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
32	CL6X30B	1	\$633.93	\$633.93
VHF COM-TECH Mask Filter CL6X30B				
33	9710078129	1	\$238.00	\$238.00
KIT, UAXTE, RF CABLE, N TYPE PRE FILTER CABLE KIT FROM TX TO BPF 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK 1EA 9529265039 CABLE, EXTERNAL				
34	BAND III VHF COUPLER	1	\$255.00	\$255.00
BAND III VHF KIT, 'N' COUPLER, POST-FILTER KIT 1EA 6200118000 ADAPTER, N, UG-57B/U PLUG/PLUG (depending on filter type) 1EA 6203187000 ADAPTER, 7/16 PLUG TO N JACK (depending on filter type) 1EA 9529248080 CABLE COAX EXTENDED COUPLER 1EA CPLR VHF NF 4-PORT				
100W Ch. 10 Mask Filter TOTAL:				\$1,126.93

1200W Ch. 23 Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
36	UAXTE-2R37	1	\$22,848.00	\$22,848.00
<p>UAXTE-2R37 Maxiva Series High Efficiency UAXTE-2R37 Air-Cooled, Solid-State, Digital Television Transmitter. Band IV/V, 470-750MHz. 7-16 DIN transmitter output connector. Transmitter installed in a 37 RU standard 19in rack. 1200W Average Power Out (Before Mask filter) Single-Phase, 208-240 Volts -15%/+10%, 47-63Hz. Optional: Three-Phase, 208-240 or 380-415 Volts, -15%/+10%, 47-63Hz (see Transmitter Technical Manuals for AC installation information)</p> <p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required)</p>				



No.	Product #	Qty	Net Unit Price	Ext. Price
	- (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply HIGH EFFICIENCY POWER AMPLIFIER BLOCK: (2) 3 RU High Efficiency Amplifier Block, including: - (3) UHF High efficiency LDMOS Power Amplifier Pallets - (1) High efficiency switch mode Power Supply (1) PA Block combiner with reject load (1) Pre-filter measurement coupler (1) Low pass (Harmonic) Filter (1) Factory Test at Rated Customer Power (1) 37 RU standard Rack (1) Maxiva UAXTE Series Transmitter Manual Options (not included, sold separately): - Secondary Exciter (Dual Exciter Option) - Redundant switch mode power supply - Integrated I/O panel with wiring from transmitter to the I/O panel - Internal Rack AC Distribution - Mask Filter - Post Mask Filter Coupler			
37	UAXTE-SW-AT	2	\$0.00	\$0.00
	UAXTE ATSC Modulation Software			
38	PA-UAXTE-E+-BAND-A	2	\$0.00	\$0.00
	ASSY, PA MODULE, UAXTE, TYPE 888E BAND "A" "PALLET/MODULE TYPE 888E+ BAND A" UHF 470-608MHz BANDED MODULE "FOR PA MODULE SELECTION WITH MAIN TRANSMITTER LINE ITEM" "MUST HAVE TRANSMITTER LINE ITEM"			
39	9810090579	1	\$1,257.56	\$1,257.56
	ASSY, AC DISTRIBUTION OPTION FOR 2-PA UAXTE 380-415VAC INPUT 3PH WYE_ 198-259VAC INPUT 3PH DELTA_ 208-240VAC 1PH			
40	9810090606	1	\$1,175.85	\$1,175.85
	VAXTE/UAXTE KIT, I/O RACK PANEL FOR DUAL DRIVE Option to cable transmitter to I/O panel at top of rack			
41	WNTY_EXTD_36MO	1	\$0.00	\$0.00
	Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.			
1200W Ch. 23 Transmitter TOTAL:				\$25,281.41

1200W Ch. 23 Mask Filter

No.	Product #	Qty	Net Unit Price	Ext. Price
42	FLUA-01250-6AT	1	\$3,064.00	\$3,064.00
	Reflective Standard ATSC Mask Filter, 1250W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output			
43	9710078030	1	\$730.39	\$730.39



No.	Product #	Qty	Net Unit Price	Ext. Price
KIT, UAXTE RF ACCESSORIES 7/16DIN, DUAL LPU POST FILTER COUPLER, CABLES AND ATTENUATORS FOR RTAC AND FWD/RFLD SAMPLES.				
44	STDFLEX7-820FT7-16	1	\$175.00	\$175.00
ASSY, 20FT FLEX, 7/8 W/ 7/16 MALE				
1200W Ch. 23 Mask Filter TOTAL:				\$3,969.39

Dual Exciter Configuration

No.	Product #	Qty	Net Unit Price	Ext. Price
45	UAXTE-DD	1	\$9,900.00	\$9,900.00
<p>UAXTE Dual Driver / Exciter option Includes Driver/exciter & Auto switching system (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction)</p> <ul style="list-style-type: none"> - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply 				
Dual Exciter Configuration TOTAL:				\$9,900.00

Shelf Spare PA Module Option

No.	Product #	Qty	Net Unit Price	Ext. Price
46	9810126306G	1	\$5,100.75	\$5,100.75
POWER BLOCK PA, UAXT, 3RU, BAND A, MODEL E				
Shelf Spare PA Module Option TOTAL:				\$5,100.75

(2) 1200W Ch. 33 Transmitters

No.	Product #	Qty	Net Unit Price	Ext. Price
48	UAXTE-2R37	2	\$22,848.00	\$45,696.00
<p>UAXTE-2R37 Maxiva Series High Efficiency UAXTE-2R37 Air-Cooled, Solid-State, Digital Television Transmitter. Band IV/V, 470-750MHz. 7-16 DIN transmitter output connector. Transmitter installed in a 37 RU standard 19in rack. 1200W Average Power Out (Before Mask filter) Single-Phase, 208-240 Volts -15%/+10%, 47-63Hz. Optional: Three-Phase, 208-240 or 380-415 Volts, -15%/+10%, 47-63Hz (see Transmitter Technical Manuals for AC installation information)</p>				



No.	Product #	Qty	Net Unit Price	Ext. Price
<p>TRANSMITTER INCLUDES: (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply</p> <p>HIGH EFFICIENCY POWER AMPLIFIER BLOCK: (2) 3 RU High Efficiency Amplifier Block, including: - (3) UHF High efficiency LDMOS Power Amplifier Pallets - (1) High efficiency switch mode Power Supply (1) PA Block combiner with reject load (1) Pre-filter measurement coupler (1) Low pass (Harmonic) Filter (1) Factory Test at Rated Customer Power (1) 37 RU standard Rack (1) Maxiva UAXTE Series Transmitter Manual</p> <p>Options (not included, sold separately): - Secondary Exciter (Dual Exciter Option) - Redundant switch mode power supply - Integrated I/O panel with wiring from transmitter to the I/O panel - Internal Rack AC Distribution - Mask Filter - Post Mask Filter Coupler</p>				
49	UAXTE-SW-AT	4	\$0.00	\$0.00
UAXTE ATSC Modulation Software				
50	PA-UAXTE-E+-BAND-A	4	\$0.00	\$0.00
<p>ASSY, PA MODULE, UAXTE, TYPE 888E BAND "A" "PALLET/MODULE TYPE 888E+ BAND A" UHF 470-608MHz BANDED MODULE "FOR PA MODULE SELECTION WITH MAIN TRANSMITTER LINE ITEM" "MUST HAVE TRANSMITTER LINE ITEM"</p>				
51	9810090606	2	\$1,175.85	\$2,351.70
<p>VAXTE/UAXTE KIT, I/O RACK PANEL FOR DUAL DRIVE Option to cable transmitter to I/O panel at top of rack</p>				
52	9810090579	2	\$1,257.56	\$2,515.12
<p>ASSY, AC DISTRIBUTION OPTION FOR 2-PA UAXTE 380-415VAC INPUT 3PH WYE_ 198-259VAC INPUT 3PH DELTA_ 208-240VAC 1PH</p>				
53	WNTY_EXTD_36MO	2	\$0.00	\$0.00
<p>Extended Product Warranty: Warranty of GatesAir manufactured products valid 36 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.</p>				
(2) 1200W Ch. 33 Transmitters TOTAL:				\$50,562.82



1200W Ch. 33 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
54	FLUA-01250-6AT	2	\$3,064.00	\$6,128.00
Reflective Standard ATSC Mask Filter, 1250W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output				
55	STDFLEX7-820FT7-16	2	\$175.00	\$350.00
ASSY, 20FT FLEX, 7/8 W/ 7/16 MALE				
56	9710078030	2	\$730.39	\$1,460.78
KIT, UAXTE RF ACCESSORIES 7/16DIN, DUAL LPU POST FILTER COUPLER, CABLES AND ATTENUATORS FOR RTAC AND FWD/RFLD SAMPLES.				
1200W Ch. 33 Mask Filter TOTAL:				\$7,938.78

Dual Exciter Configuration				
No.	Product #	Qty	Net Unit Price	Ext. Price
57	UAXTE-DD	2	\$9,900.00	\$19,800.00
UAXTE Dual Driver / Exciter option Includes Driver/exciter & Auto switching system (1) 2 RU Multi-Standard XTE Exciter/Driver with: RTAC(TM) (Real-Time Adaptive Correction) - Modulation software upgradeable - Easy-to use operator interface via standard Web browser and external PC - RTAC(TM) (Real-Time Adaptive Correction) - Front panel display and control - Built-in compliance monitoring - (2) ASI/SMPTE-310 inputs with auto-switching - (2) IP Transport inputs with auto-switching - 10MHz and 1PPS input for timing reference - Integrated GPS receiver (Antenna/cable sold separately) - Built in battery UPS - For ATSC 1.0 modulation, optional SFN (software key required) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply				
Dual Exciter Configuration TOTAL:				\$19,800.00

Shelf Spare PA Module Option				
No.	Product #	Qty	Net Unit Price	Ext. Price
58	9810126306G	1	\$5,100.75	\$5,100.75
POWER BLOCK PA, UAXT, 3RU, BAND A, MODEL E				
Shelf Spare PA Module Option TOTAL:				\$5,100.75

TOTAL:				\$173,283.24
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Total Quote Price (Optional Items Not Included)

\$173,283.24

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Nick Van Haaster , Regional Sales Manager

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