



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 Displaced TV Transmitters (3 Transmitters)

ITB # 6079 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 #6079 OF "NET Displaced TV Translators (3 transmitters)".

We are proposing our Maxiva™ UAXTE Solid-State Air-Cooled UHF transmitter for the 50W, 600W & 1400W power levels required. 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: rlohmuell@gatesair.com



Publication Information

Sales Team

Nick VanHaaster
Regional Sales Manager
GatesAir
5300 Kings Island Drive
Mason, OH 45040
Phone: 951-294-4365

Nick.VanHaaster@gatesair.com

Systems Architect

Rich Lohmueller
Proposal Manager
GatesAir
5300 Kings Island Drive
Mason, OH 45040
phone 1-513-459-3482
fax 1-513-459-3796
rlohmueller@gatesair.com

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



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Best and Final Offer (Cost Sheet)

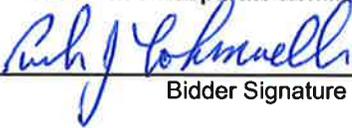
Detailed Itemized Sheet

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

6079 OF
NETV
BEST AND FINAL OFFER
COST SHEET

Line #	NET Displaced TV Translators (3 Transmitters)			Unit Price
	Description	Qty	UOM	
1	50W UHF TRANSMITTER CHANNEL 27 - Make and Model Bidding: GatesAir UAXTE-50	1	EA	\$ 7,840.00
2	MASK FILTER, CHANNEL 27 - Make and Model Bidding: FLUA-00125-6AT	1	EA	\$ 1,078.00
3	600W UHF TRANSMITTER CHANNEL 31 - Make and Model Bidding: GatesAir UAXTE-3P-C	1	EA	\$ 15,470.00
4	MASK FILTER, CHANNEL 31 - Make and Model Bidding: FLUA-00625-6AT	1	EA	\$ 3,177.35
5	1400W UHF TRANSMITTER CHANNEL 21 - Make and Model Bidding: GatesAir UAXTE-3R37	1	EA	\$ 30,364.00
6	MASK FILTER, CHANNEL 21 - Make and Model Bidding: FLUA-02500-6AT	1	EA	\$ 6,221.04
7	DUAL EXCITER CONFIGURATION CHANNEL 21 - Make and Model Bidding: GatesAir UAXTE-DD	1	EA	\$ 9,900.00
8	SHELF SPARE PA MODULE OPTION CHANNEL 21 Make and Model Bidding: GatesAir 9810126306G	1	EA	\$ 5,100.75
TOTAL COST OF LINES 1-8				\$79,151.14

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-82834
www.gatesair.com

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

Attn: Julie Dabydeen
(407) 471-6500

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

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

Summary – All Prices are in USD

Summary	Amount
50W Transmitter	\$7,840.00
50W Ch. 27 Mask Filter	\$1,078.00
600W Transmitter	\$15,470.00
600W Ch. 31 Mask Filter	\$3,177.35
1400W Transmitter	\$30,364.00
1400W Ch. 21 Mask Filter	\$6,221.04
Dual Exciter Configuration	\$9,900.00
Shelf Spare PA Module Option	\$5,100.75
Total Quote Price (Optional Items Not Included)	\$79,151.14

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-82834
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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-82834
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 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				



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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 Transmitter TOTAL:				\$7,840.00

50W Ch. 27 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. 27 Mask Filter TOTAL:				\$1,078.00

600W Transmitter

No.	Product #	Qty	Net Unit Price	Ext. Price
9	UAXTE-3P-C	1	\$15,470.00	\$15,470.00
<p>UAXTE-3P-C Maxiva Series High Efficiency UAXTE-3P-C Air-Cooled, Solid-State, Digital Television Transmitter, 4RU Design. Band IV/V, 470-750MHz. 7-16 DIN transmitter output connector. 600W Average Power Out (Before Mask filter) Single-Phase, 208-240 Volts -15%/+10%, 47-63Hz.</p> <p>TRANSMITTER INCLUDES: (1) 4 RU Air Cooled Transmitter system and Multi-Standard XTE Exciter 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 - (1) PA Power Supply - (3) UHF High efficiency LDMOS Power Amplifier Pallets</p>				



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No.	Product #	Qty	Net Unit Price	Ext. Price
- (1) Pre-filter measurement coupler Additional Items included: (1) Low pass (Harmonic) Filter (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 - Post Mask Filter Coupler - Cabling to mask filter - For ATSC 1.0 modulation, optional SFN (software key required)				
10	1P-UAXTE-BE-A	1	\$0.00	\$0.00
PAB, 1Pallet, UAXTE, 888E-TYPE, BAND A (470-608MHz) **MUST INCLUDE A TRANSMITTER LINE ITEM**				
11	UAXTE-SW-AT	1	\$0.00	\$0.00
UAXTE ATSC Modulation Software				
12	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.				
600W Transmitter TOTAL:				\$15,470.00

600W Ch. 31 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
13	FLUA-00625-6AT	1	\$2,461.98	\$2,461.98
Reflective Standard ATSC Mask Filter, 625W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 7-16DIN Input & Output				
14	9710078029	1	\$638.37	\$638.37
KIT, UAXTE RF ACCESSORIES 7/16DIN, Single LPU Post Filter RTAC Samples - Single Drive Includes: (1) Coupler 8-Port, 50DB (2) Attenuators, SMA (3) Coax Cables, RG-223/U w/Plugs				
15	9710078130	1	\$77.00	\$77.00
PRE FILTER CABLE KIT FROM TX TO BPF UAXTE, RF CABLE, 7-16 DIN CONNECTORS				
600W Ch. 31 Mask Filter TOTAL:				\$3,177.35



1400W Transmitter				
No.	Product #	Qty	Net Unit Price	Ext. Price
17	UAXTE-3R37	1	\$29,190.00	\$29,190.00
<p>UAXTE-3R37 Maxiva Series High Efficiency UAXTE-3R37 Air-Cooled, Solid-State, Digital Television Transmitter. Band IV/V, 470-750MHz. 1-5/8in EIA Un-Flanged transmitter output connector. Transmitter installed in a 37 RU standard 19in rack. 1800W 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) - (1) UHF Broadband LDMOS Power Amplifier - (1) PA Power Supply</p> <p>HIGH EFFICIENCY POWER AMPLIFIER BLOCK: (3) 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 system with reject loads (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>				
18	UAXTE-SW-AT	2	\$0.00	\$0.00
UAXTE ATSC Modulation Software				
19	PA-UAXTE-E+-BAND-A	3	\$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>				
20	9810090581	1	\$1,174.00	\$1,174.00
<p>ASSY, AC DISTRIBUTION OPTION FOR 3-PA UAXTE 380-415VAC INPUT 3PH WYE_ 198-259VAC INPUT 3PH DELTA_</p>				



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No.	Product #	Qty	Net Unit Price	Ext. Price
21	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.				
1400W Transmitter TOTAL:				\$30,364.00

1400W Ch. 21 Mask Filter				
No.	Product #	Qty	Net Unit Price	Ext. Price
22	FLUA-02500-6AT	1	\$3,272.72	\$3,272.72
Reflective Standard ATSC Mask Filter, 2500W Air Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 1-5/8in Un-Flanged Input & Output				
23	STDLINEKT1-5810FT	1	\$2,135.23	\$2,135.23
KIT, RF XMSN LINE 1-5/8 10FT KIT CONTAINS: QTY (1) 10FT PIECE OF 1-5/8 XMSN LINE QTY (2) UNFLANGED TO FLANGED ADAPTERS QTY (4) BULLETS QTY (3) COUPLING SLEEVES WITH INNERS QTY (4) 90 DEGREE EQUAL LENGTH UNFLANGED ELBOW				
24	9710078032	1	\$813.09	\$813.09
KIT, UAXTE RF ACCESSORIES 1-5/8", DUAL LPU Post Filter RTAC Samples - DUAL DRIVE Includes: (1) Coupler, UHF, 1-5/8 8-Port, 50dB (3) Attenuators (3) Coax Cable, RG-223/U w/Plugs				
1400W Ch. 21 Mask Filter TOTAL:				\$6,221.04

Dual Exciter Configuration				
No.	Product #	Qty	Net Unit Price	Ext. Price
25	UAXTE-DD	1	\$9,900.00	\$9,900.00
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				



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No.	Product #	Qty	Net Unit Price	Ext. Price
Dual Exciter Configuration TOTAL:				\$9,900.00

Shelf Spare PA Module Option

No.	Product #	Qty	Net Unit Price	Ext. Price
26	9810126306G	1	\$5,100.75	\$5,100.75
Shelf Spare PA Module Option TOTAL:				\$5,100.75

TOTAL: \$79,151.14			
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This Quote, and any Order resulting from this Quote, is subject to the Standard Terms and Conditions of Sale for GATESAIR which can be located at <http://www.gatesair.com/company/legal-compliance/terms-conditions>, which are incorporated herein by reference. The Standard Terms and Conditions for GATESAIR shall apply to the exclusion of any other terms and conditions except where expressly agreed in writing and signed by GATESAIR. For a hard copy of the terms and conditions, please call U.S. (513) 459-3502 or fax your request to (513) 459-3796, Attn.: Legal Dept., or email your request to GAContracts@gatesair.com.

As a part of its marketing efforts, GatesAir may publish general information about this order including customer name, solutions acquired, application for which the solutions are intended, and deal value. GatesAir will not publicize specific prices or other specific Confidential Information.

I do not authorize GatesAir to publicize this order.

Total Quote Price (Optional Items Not Included)

\$79,151.14

GatesAir Approval: _____
Nick Van Haaster , Regional Sales Manager

Customer Approval: _____

Title: _____

Date: _____

Purchase Order #: _____

Return signed quote to orders@gatesair.com or nick.vanhaaster@gatesair.com