

From: **Sheets (Purchasing), Mike** <william.m.sheets@wv.gov>
Date: Mon, Mar 14, 2022 at 2:46 PM
Subject: Fwd: Need approval for the emergency purchase of an FM transmitter.
To: Dale Malcomb <dmalcomb@wvpublic.org>
Cc: Whittaker, Frank M <frank.m.whittaker@wv.gov>, Toby L Welch <toby.l.welch@wv.gov>, Totten, Mark L <mark.l.totten@wv.gov>

Dale,

Your emergency request is approved. Please follow emergency purchasing procedures as found in the handbook, and follow up with documentation for award within thirty days.

Regards,
Mike

W. Michael Sheets
Director
WV Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

Phone: (304) 558-0492
Fax: (304) 558-4115

----- Forwarded message -----

From: **Dale Malcomb** <dmalcomb@wvpublic.org>
Date: Mon, Mar 14, 2022 at 2:31 PM
Subject: Need approval for the emergency purchase of an FM transmitter.
To: Sheets, Mike - Purch <William.M.Sheets@wv.gov>
Cc: Frank Whitaker <frank.m.whittaker@wv.gov>, Welch, Toby L <Toby.L.Welch@wv.gov>

Mike:

Attached is a request for the emergency purchase of a failing FM transmitter at our Weston facility. Please review this at your earliest convenience.

Thank you.

Dale Malcomb
Purchasing Coordinator
Director of Information Technology

Fleet Coordinator
Phone: (304) 254-7858
Cell: (304) 222-9252
dmalcomb@wvpublic.org

West Virginia Public Broadcasting
"Telling West Virginia's Story"
www.wvpublic.org

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Mike Sheets
Purchasing Director
West Virginia Purchasing Division
Phone: (304) 558-0492
Email: William.M.Sheets@wv.gov

March 14th, 2022

Dale Malcomb
Purchasing Coordinator
Phone: (304) 254-7858
Cell: (304) 222-9252
Email: DMalcomb@WVPublic.Org

Re: Emergency purchase of FM transmitter for our Weston microwave site.

Mr. Sheets:

We have an FM transmitter at our Weston facility that has overheated and is failing. It's currently transmitting a degraded broadcast and we expect it to completely fail at any time. A replacement will cost approximately \$48,000.00. We have a quote for the transmitter of \$46,840.00 (attached) and there may be some electrical work involved, but we can't be sure right now, and if needed it should run less than \$1,000.00. We are attempting to get more quotes and will, of course, go with the lowest price.

We would like your approval to purchase the transmitter and electrical work, if needed, to replace our failing unit.

Thank you for your time and consideration.

Sincerely,



C. Dale Malcomb



Quote Number: Q-96808
www.gatesair.com

To:

West Virginia Educ Bcst Auth
600 Capitol Street
Charleston, WV 25301 USA

Attn: Art Austin
304-254-7865
aaustin@wvpublic.org

From:

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

Brian Szewczyk
Global Sales
brian.szewczyk@gatesair.com

Summary – All Prices are in USD

Summary	Amount
Group1	\$46,840.00
Total Quote Price (Optional Items Not Included)	\$46,840.00

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: _____



Bill To:
 West Virginia Educ Bcst Auth
 600 Capitol Street
 Charleston WV, 25301 USA
Attn:
 Art Austin
 304-254-7865
aaustin@wvpublic.org

Ship To:
 WVPW-FM
 600 Capitol Street
 Charleston WV, 25301 USA
Attn:
 Art Austin
 304-254-7865
aaustin@wvpublic.org

Quote #: Q-96808
Payment Terms: Net 30 Days
Effective Date: March 14, 2022
Valid Through: April 13, 2022
 Send Orders to
orders@gatesair.com
Freight Terms: Not Included

Group1				
No.	Model Number	Qty	Net Unit Price	Ext. Price
2	HARFAX10KFAX50	1	\$38,740.00	\$38,740.00
<p>Flexiva 10kW (analog power) solid-state transmitter with Flexiva 50W Exciter.</p> <p>Features Include:</p> <ul style="list-style-type: none"> - One (1) Direct to Channel Digital 50W FM modulator: includes Stereo Encoder Auto-switching analog L/R (2), AES-EBU audio (2) and composite (2) inputs, Two (2) SCA baseband inputs, Ext. 10MHZ and 1 PPS inputs - Seven (7) "Hot-Pluggable" linear RF amplifier modules (two amplifiers per module) - One (1) "Hot-Pluggable" linear RF amplifier IPA module (two amplifiers per module) - Seven (7) "Hot-Pluggable" auto-ranging power supplies - Dual Exciter inputs (Main/Alt) with automatic switching (Does not include backup exciter, second exciter quoted separately) - Internal harmonic filter with high energy DC return for lightning protection. - Type 1-5/8 inch output connector. - Front panel control and metering. - RF directional couplers for system protection and RF sample probe for customer use. - Built-in parallel interface for remote control, status and metering; RFI and transient protected. - Proportional VSWR foldback for safe operation at reduced power into marginal loads (icy antenna, etc.). - Automatic restart after AC mains interruption; returns to previous operational mode. - Built-in MOV transient voltage suppression on incoming AC mains lines. - Web Remote for use in remote diagnostics using customer's PC. - All system technical manuals and final test data provided at no additional cost. - Meets or exceeds all applicable FCC, Industry Canada, CCIR and IEC-215 standards, RoHS compliant. - Mounting requirement, transmitter: 16RU (EIA spacing). <p>Specify With Order: Carrier Frequency: _____ MHz (87.5-108MHz; 10 kHz steps)</p> <p>Power Supply Configuration: <input type="checkbox"/> 190 to 265 VAC, single phase <input type="checkbox"/> 190 to 265 VAC, 3 phase Delta <input type="checkbox"/> 330 to 460 VAC, 3 phase WYE</p> <p>Operating Mode: MAX POWER FM Only 11000W Main Total Output Power: _____W</p> <p>OPTIONAL SPARES AND OPTIONS TO BE ADDED AS SEPARATE LINE ITEMS ON THE QUOTE IF PURCHASED: Rack Options: <input type="checkbox"/> Stand alone 16 RU Transmitter and Exciter (20 RU)</p>				



No.	Model Number	Qty	Net Unit Price	Ext. Price
<p><input type="checkbox"/> Optional Basic Rack configuration: Installed in 37 RU basic rack, vented top, rear door, Equipment side support bracket/slides. HPN HARFAX10KBSCRK</p> <p><input type="checkbox"/> Optional Basic Rack configuration with rear door and RF Hardline: Installed in 37 RU basic rack, Side Panels, vented top, rear door, 10 RU Exciter air baffle, Equipment side support bracket/slides, RF transmission line to the top of the rack, 1-5/8 inch Male Flanged with flanged to un-flanged adapter. HPN HARFAX10KBSCRKRF</p> <p><input type="checkbox"/> Optional Deluxe Rack Configuration: Installed in 37 RU deluxe rack, side panels, vented top, rear door, 10 RU Exciter air baffle, Equipment side support bracket/slides, AC distribution panel, RF transmission line to the top of the rack, 1-5/8 inch Male Flanged with flanged to un-flanged adapter. HPN HARFAX10KDLXRK</p> <p>Spares Options: HARFAXHPSMK FAX High Power Module Spares Kit Includes: PA Module Qty 1 PS Module Qty 1</p> <p>HARFAX10KSBK FAX10K Board Spares Kit Includes: System Interface Board Qty 1 Control & Display Board Qty 1 Power Supply Interface Board Qty 1 Power Amplifier Interface Board Qty 1 Micro Module Qty 1 Fan Control Board Qty 1 RF Switch Board Qty 1</p> <p>HARFAX10KSPK FAX10K Basic Spares Kit Includes: Fuses Qty 8 Fan Qty 1</p> <p>Service Options: HARFAXINSCKSVC Includes: On Site Install and Commissioning</p> <p>HARFAXCOMSVC Includes: One Day on site checkout and commissioning</p>				
3	HARFAX10KDLXRK	1	\$3,300.00	\$3,300.00
<p>RACK, FAX 10K, 37RU, DELUXE Rack Includes: - Side Panels - Rear Door (Solid or Vented) - Vented Top - RF Plumbing w/ 1-5/8 inch Female Flange, Top Output Male Bullet Included - AC Distribution - AC Outlet strip for customer installed auxiliary equipment installed in transmitter rack - Ground Bar - Front Blank Close-out Panels</p> <p>Specify with Order: Auxiliary AC Outlet Strip Configuration: 220VAC (Default) <input type="checkbox"/> 120VAC <input type="checkbox"/></p> <p>Rear Door: Solid (Default) <input type="checkbox"/> Vented <input type="checkbox"/></p>				



No.	Model Number	Qty	Net Unit Price	Ext. Price
4	HARFAX50	1	\$4,800.00	\$4,800.00

Flexiva 50W (analog power) solid-state FM Transmitter/Exciter.

Features Include:

- Integrated Direct to Channel Digital FM modulator includes Stereo Encoder Auto-switching analog L/R (2), AES-EBU audio (2) and composite (2) inputs, Two (2) SCA baseband inputs, Ext. 10MHZ and 1 PPS inputs
- One (1) 65W linear RF amplifier modules
- One (1) linear RF IPA
- One (1) auto-ranging power supply (90 to 277VAC single phase)
- Internal harmonic filter
- Internal/External Exciter Auto-switching
- RF Power Output (Average): FM Power 5W - 55W
- N Type female RF output connector
- Built-in MOV transient voltage suppression on incoming AC mains lines
- Proportional VSWR fold-back for safe operation at reduced power into marginal loads (icy antenna, etc.)
- RF ramp-up to minimize turn-on transients
- Air filter serviceable while transmitter is in operation
- Meets or exceeds all applicable FCC, Industry Canada, CCIR and IEC215 standards, RoHS compliant
- Front panel control and metering.
- Built-in parallel interface for remote control, status and metering; RFI and transient protected.
- RF directional couplers for system protection and RF sample probe for customer use.
- Automatic restart after AC mains interruption; returns to previous operational mode.
- Web Remote for use in remote diagnostics using customer's PC.
- SNMP for basic network control and monitoring
- All system technical manuals and final test data provided at no additional cost.
- Dimensions: 3.5"(2RU)H x 19"W x 13"D EIA Rack mountable

Specify With Order:

Carrier Frequency: _____ MHz (87.5-108MHz; 10 kHz steps)

MAX POWER

FM Only 55W

Main Total Output Power: _____W

Power Supply Configuration:

SINGLE PHASE AC LINE VOLTAGES BETWEEN 90-277VAC 47-63HZ

OPTIONAL SPARES AND OPTIONS TO BE ADDED AS SEPARATE LINE ITEMS ON THE QUOTE IF PURCHASED:

FAX 50/150 SPARES

Spare Modules Kit

Part #: HARFAXEXSMK

Includes: PA Module Qty 1

PS Module Qty 1

Spare Modulator and Control Boards Kit

Part #: HARFAXLPSMODCTRLK

Includes: Modulator Board Qty 1

Control and Display Board Qty 1

Micro Module Qty 1

BNC I/O Board Qty 1

Spare Parts Kit

Part #: HARFAXEXSPK

Includes: Fan Assembly Qty 1

AC Inlet Filter QTY 1

Air Filter Qty 1

FAX Low Power Options

GPS Option

Part #: HARFAXLPGPSOPT

Includes: GPS Receiver Board Qty 1

GPS Antenna Qty 1

Cable Qty 1



Quote Number: Q-96808

www.gatesair.com

No.	Model Number	Qty	Net Unit Price	Ext. Price
Orban Processor Option Part #: HARFAXLPORBANOPT Includes: Orban Option Board Qty 1				
5	WNTY_STD	1	\$0.00	\$0.00
Standard Product Warranty: Warranty of GatesAir manufactured products valid 15 months from date of shipment. Refer to GatesAir Standard Terms and Condition of sales for warranty details.				
Group1 TOTAL:				\$46,840.00

TOTAL:				\$46,840.00
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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) \$46,840.00

GatesAir Approval: _____
Brian Szewczyk , Global Sales

Customer Approval: _____

Title: _____

Date: _____

Purchase Order #: _____

Return signed quote to orders@gatesair.com or brian.szewczyk@gatesair.com