

From: **Sheets (Purchasing), Mike** <[william.m.sheets@wv.gov](mailto:william.m.sheets@wv.gov)>  
Date: Wed, Aug 3, 2022 at 11:46 AM  
Subject: Re: Request for approval of emergency purchases.  
To: Dale Malcomb <[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)>  
Cc: Welch, Toby L <[toby.l.welch@wv.gov](mailto:toby.l.welch@wv.gov)>, Totten, Mark L <[mark.l.totten@wv.gov](mailto:mark.l.totten@wv.gov)>

Dale,

Your emergency is approved. Please follow emergency purchasing procedures as found in the Handbook and follow up with documentation for award within 30 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

On Wed, Aug 3, 2022 at 11:33 AM Dale Malcomb <[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)> wrote:  
Mike:

My apologies. Yes, our FM broadcast is off the air in the Charleston area. The lack of grounding also leaves all other equipment at the site at risk.

Thanks.

Dale Malcomb  
Purchasing Coordinator  
Information Technology Manager  
Fleet Coordinator  
Phone: (304) 254-7858  
Cell: (304) 222-9252  
[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)

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**From:** Sheets (Purchasing), Mike <[william.m.sheets@wv.gov](mailto:william.m.sheets@wv.gov)>  
**Sent:** Wednesday, August 3, 2022 11:31 AM  
**To:** Dale Malcomb <[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)>

**Cc:** Welch, Toby L <[toby.l.welch@wv.gov](mailto:toby.l.welch@wv.gov)>

**Subject:** Re: Request for approval of emergency purchases.

Dale,

Obviously, this is a horrible thing to have happen. What's not clear is what the emergency is. You said that it's a microwave site, but you also mentioned an FM transmitter. Are you off the air because of this?

Thanks,  
Mike

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

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

On Wed, Aug 3, 2022 at 11:19 AM Dale Malcomb <[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)> wrote:  
Mike:

Please see the attached emergency purchase request. If you would respond at your earliest convenience, we would appreciate it.

Thank you.

Dale Malcomb  
Purchasing Coordinator  
Information Technology Manager  
Fleet Coordinator  
Phone: (304) 254-7858  
Cell: (304) 222-9252  
[dmalcomb@wvpublic.org](mailto:dmalcomb@wvpublic.org)

**West Virginia Public Broadcasting**

**"Telling West Virginia's Story"**

[www.wvpublic.org](http://www.wvpublic.org)

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**West Virginia Public Broadcasting**  
**"Telling West Virginia's Story"**  
[www.wvpublic.org](http://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](mailto:William.M.Sheets@wv.gov)

August 3<sup>rd</sup>, 2022

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

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

Mr. Sheets:

Our Garfield Street microwave site was recently vandalized and our copper grounding system stolen. As a result, the site was struck by lightning and our FM transmitter was fried. This sequence of events has created two emergencies:

1. Replacement of the grounding system. The estimated cost is \$80,000.00.
2. Replacement of the FM transmitter. A replacement will cost approximately \$55,000.00. We have two quotes for the transmitter (attached). The low quote is \$52,840.91 and there may be some electrical work involved. If electrical work is required, we believe the \$55,000.00 estimate should cover everything.

We would like approval for emergency purchases to replace the grounding system and 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-98525  
[www.gatesair.com](http://www.gatesair.com)

**To:**

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

**From:**

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

Brian Szewczyk  
Global Sales  
[brian.szewczyk@gatesair.com](mailto:brian.szewczyk@gatesair.com)  
518-226-0918

Summary – All Prices are in USD

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<b>Summary</b>	<b>Amount</b>
Group1	\$59,365.00
<hr/>	
<b>Total Quote Price (Optional Items Not Included)</b>	<b>\$59,365.00</b>

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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

**Ship To:**  
 WVPB-FM  
 600 Capitol Street  
 Charleston WV, 25301 USA

**Quote #:** Q-98525  
**Payment Terms:** 1/3 Down with Order, 1/3 Prior to Ship, Balance Net 30  
**Effective Date:** July 18, 2022  
**Valid Through:** August 17, 2022  
 Send Orders to  
[orders@gatesair.com](mailto:orders@gatesair.com)  
**Freight Terms:** Not Included

Group1				
No.	Model Number	Qty	Net Unit Price	Ext. Price
1	HARFAX10KFAX50	1	\$48,425.00	\$48,425.00
<p>Flexiva 10kW (analog power) solid-state transmitter with Flexiva 50W Exciter.            Features Include:</p> <ul style="list-style-type: none"> <li>- 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</li> <li>- Seven (7) "Hot-Pluggable" linear RF amplifier modules (two amplifiers per module)</li> <li>- One (1) "Hot-Pluggable" linear RF amplifier IPA module (two amplifiers per module)</li> <li>- Seven (7) "Hot-Pluggable" auto-ranging power supplies</li> <li>- Dual Exciter inputs (Main/Alt) with automatic switching (Does not include backup exciter, second exciter quoted separately)</li> <li>- Internal harmonic filter with high energy DC return for lightning protection.</li> <li>- Type 1-5/8 inch output connector.</li> <li>- Front panel control and metering.</li> <li>- RF directional couplers for system protection and RF sample probe for customer use.</li> <li>- Built-in parallel interface for remote control, status and metering; RFI and transient protected.</li> <li>- Proportional VSWR foldback for safe operation at reduced power into marginal loads (icy antenna, etc.).</li> <li>- Automatic restart after AC mains interruption; returns to previous operational mode.</li> <li>- Built-in MOV transient voltage suppression on incoming AC mains lines.</li> <li>- Web Remote for use in remote diagnostics using customer's PC.</li> <li>- All system technical manuals and final test data provided at no additional cost.</li> <li>- Meets or exceeds all applicable FCC, Industry Canada, CCIR and IEC-215 standards, RoHS compliant.</li> <li>- Mounting requirement, transmitter: 16RU (EIA spacing).</li> </ul> <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>[ ] Optional Basic Rack configuration: Installed in 37 RU basic rack, vented top, rear door, Equipment side support bracket/slides. HPN HARFAX10KBSCRK</p> <p>[ ] 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>[ ] 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 &amp; 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:            HARFAXINSCKSVK            Includes:            On Site Install and Commissioning</p> <p>HARFAXCOMSVC            Includes:            One Day on site checkout and commissioning</p>				
2	HARFAX10KDLXRK	1	\$5,100.00	\$5,100.00
<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) [ ] 120VAC [ ]</p> <p>Rear Door:</p>				



No.	Model Number	Qty	Net Unit Price	Ext. Price
Solid (Default) [ ] Vented [ ]				
3	HARFAX50	1	\$5,840.00	\$5,840.00

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





Quote Number: Q-98525

[www.gatesair.com](http://www.gatesair.com)

No.	Model Number	Qty	Net Unit Price	Ext. Price
Cable Qty 1  Orban Processor Option Part #: HARFAXLPORBANOPT Includes: Orban Option Board Qty 1				
<b>Group1 TOTAL:</b>				\$59,365.00
				<b>TOTAL:</b> \$59,365.00





Rep:  
Mike T Moreno

mmoreno@scmsinc.com  
(800) 438-6040

# Quote

Date	Quote #
7/18/2022	QT35580

Bill To	Ship To
AP NEEDS 3 COPIES OF INVOICE WV PUBLIC BROADCASTING 124 INDUSTRIAL PARK ROAD BEAVER WV 25813 United States	PURCHASING ADMINISTRATOR WV PUBLIC BROADCASTING 600 CAPITOL ST Charleston WV 25301-1223 United States

**Corporate Office**

**Remit to:**

SCMS, Inc.  
SCMS Inc  
10201 Rodney St  
Pineville NC 28134-7540

Phone 800-438-6040  
fax  
sales@scmsinc.com

Sales Rep	PO #	Ship Via	Terms
Mike T Moreno	TBD	Bestway - Ground	Net 30

Line	Qty	Item	Description	MSRP	Unit ...	Ext.
1	1	GatesAir HARFAX10KFAX50	Flexiva10kW Solid-state Transmitter with Flexiva 50W Exciter	74,500.00	42,340.91	42,340.91
2	1	GatesAir HARFAX50	Flexiva 50W (analog power) solid-state FM Transmitter/Exciter	8,000.00	5,460.00	5,460.00
3	1	GatesAir HARFAX10KDLXRK	Flexiva 10K Transmitter Rack, Deluxe 37RU with RF Plumbing w/ 1-5/8 inch Female Flange. 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	6,000.00	5,040.00	5,040.00

This proposal does NOT include a freight estimate. Freight will be billed as actual with the final invoice.				Subtotal		52,840.91
				Shipping Cost (Bestway - Ground)		0.00
				Total		\$52,840.91

\*\*\*\*ANY SHIPPING AMOUNT SHOWN IS AN ESTIMATE OF ACTUAL FREIGHT COST TO BE BILLED\*\*\*\*

All delivered Shipments are the responsibility of the purchaser. If a signature for proof of delivery is required, please specify.

TERMS & CONDITIONS: Quote is valid for 30 days with the exception of price increases from the manufacturer. All prices are FOB Origin. Taxes, e-procurement fees, and freight are not included. Package Sale Price is for payment within terms only, otherwise list price shown will be due. Net 30 Days terms are subject to credit approval. Required deposits and progress payment percentages are shown above. Partial invoicing for partial shipments will be allowed. All items remain the property of SCMS until paid for in full with all legal expenses required for collection paid by purchaser. Any stated deliveries are subject to SCMS stock availability and/or manufacturer's stock and production schedules at time of order. All used equipment is on a "first come, first served" basis. All returned products and cancellations require prior written approval and are subject to a restocking fee. All credit card and Paypal purchases are subject to a surcharge. Only manufacturer warranties are applicable.

Accepted by

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date