

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	126700	Service: LPD	Call Sign:	KHGS-LD	Channel: 27 (UHF)
File Number:	000008	8675			
FRN: 00 2	26455469	Eligibility Status:	Eligible	Date Submitted:	04/30 /2021

Applicant Name, Type, and Contact Information

Applicant Information

Applicar	nt	Address	Phone	Email	Applicant Type
Doing B	PECTRUM, INC. usiness As: EDGE RUM, INC.	Randy Weiss PO Box 54025 Hurst, TX 76054 United States	+1 (214) 770-7770	randy@crosstalk. org	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information	nation Address Phone Email		
Contact Information	Applicant	Address	Phone	Email
	The Preparer is same as the reimbursement contact.			

Broadcaster	Question
Information	
and	
Transition	
Plan	

Response

of the other stations and click 'prefill' to download those stations' licensing information. Briefly describe transition plan	Displacement into new core Ch 27. Applicant will build the CP as part of a
another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's	

Transmitters	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary	Existing Transmitter Infor	tter Information		
Transmitter	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Ownership	Owned	
		Is this transmitter currently shared with another station?	No	
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter	Manufacturer		
	Manufacturer and Type	Model	AT760	
		Year	2009	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	60 W	

Existing Transmitter Information

Primary	New Transmitter Costs	ansmitter Costs			
Transmitter	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
	Change Type	Change Type	Purchase New		
		Is this a request for upgraded equipment?	No		
		Manufacturer			
		Model	EC702MP BB3		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	170 W		
		Justification for New Transmitter	Old transmitter not tuneable to new Ch 27		

Primary Other Transmitter Costs

i innai y			
Transmitter	Section	Question	Response
	Other Transmitter Costs	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	Yes
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	No
		Rigid Conduit and Wiring	No
		Other Electrical Service	Yes

	Description	To be determined based upon site survey.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No

Other Transmitter Cost Not Listed

PrimaryOther Transmitter CoTransmitterInformation not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary Antenna	Existing Antenna Information			
	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Ownership	Owned	
		Is the existing antenna shared with another station or stations?	No	
		Is the existing antenna directional?	No	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		ERP: (Effective Radiated Power)	0.75 kW	
		Manufacturer		
		Model	SL-8	
		Year	2009	

Existing Antenna Information

Primary Antenna	New Antenna Costs			
	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Change Type	Purchase New	
		Ownership	Owned	
		Is antenna shared?	No	
		Is antenna directional?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		ERP: (Effective Radiated Power)	0.75 kW	
		Manufacturer		
		Model	DLP-8M/VP	
		Year	2021	
		Justification for New Antenna	Old antenna cut to channel 39.	

Primary	Other Antenna Costs	
Antenna	Section	Question

a	Section	Question	Response
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No

Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Existing Transmission Line Transmission Line

on Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	Flexible Foam
	Diameter	7/8 inches
	Number of parallel runs	1
	Length	75 feet per run

Primary	New Transmission Line			
Transmissio	Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Flexible Foam	
		Diameter	1 5/8 inches	
		Number of parallel runs	1	
		Length	75 feet per run	
		Justification for New Transmission Line	Line will be swept and determined if it remains usable. Applicant uses 1 5/8" line as a standard for all their licenses.	
	Interior RF Systems	Does the Installation of the Transmission Line require an additional or replacement Inside RF system including switching, patch panels, and dehydrators?	No	

Primary Other Transmission Line Expenses Not Listed

Transmission to provided.

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower	Existing Tower			
	Section	Question	Response	
	Existing Tower Description	Type of change	Move Equipment	
		Tower Use	Primary (Main)	
		Ownership	Leased	
		Is this tower consider Complex?	Terrain Constrained	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	No	
		Is tower documented for structural analysis?	Unknown	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1243339	
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	39° 31' 57.0" N-	
	1983))	Longitude (NAD83)	107° 20'	

Overall Structure Height

Support Structure Height

(AMSL)

Ground Elevation Above Mean Sea Level

32.0" W-

102.03 feet

102.03 feet

7460.87 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Colorado West Broadcasting Inc
Date Constructed	01/03/2005

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
12378	KMTS	FM

Primary Tower Rigging Costs

Tower

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	Yes

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	80
-		Explanation	No on site engineering staff. Complete turnkey project management.
	Outside RF consulting Engineering Services	Perform engineering study for displacement application	No
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes
		Quantity	1
		Prepare Form 601	No
	Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	No
	Services	Prepare and file Form FCC License to Cover Application	No
		Prepare request for Special Temporary Authority	No
		Negotiation of Lease and other Matter for Shared Locations	No

	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Form 399 assistance or other program management costs	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	Turnkey installation and integration of new and existing equipment, includes EAS, satellite hookup, etc.

Outside Other Professional Services Expenses Not Listed

Professional Serve	jces Costs	Description
	ilization Charge and travel expenses nstallation	\$1500/day, 4 days
	ilization Charge and travel expenses ite survey	\$1500/day, 1.5 days
Site	Survey	8 hours @ \$100/hour

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Permit and Filing Costs	FCC Construction Permit Major Change	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	Yes
		FCC Special Temporary Authority Application	No
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
		Does this relocation require Equipment Storage?	Yes
	Point to Point Microwave (STL/ICR)	Frequency Coordination for Unidirection System	No
		Frequency Coordination for Bi-Direction System	No
		New Point to Point Microwave System	No

Other Expenses Not Listed

Expenses Information not provided.

Transmitters

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter EC702MP BB3	\$56,583.00	\$54,965.90		\$32,932.90	
Transmitter Building Site Survey /Installation	\$10,000.00	\$11,050.00	See KHGS Comark Quote	\$11,050.00	N/A
5 Ton system	\$20,250.00	\$20,000.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 160 - 300 Watts	\$24,300.00	\$21,882.90	Actual invoice cost with sales tax and freight	\$21,882.90	N/A
Other Electrical Service: To be determined based upon site survey.	\$2,033.00	\$2,033.00	See	N/A	N/A
Sub-total	\$56,583.00	\$54,965.90	N/A	\$32,932.90	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Actual Information Description	File Name	
Transmitter Building Site	Component Description:	Install
Survey/Installation	Amount:	\$11,050.00

5 Ton system	Information not provided.	
UHF - Air Cooled Solid State Transmitter 160 - 300 Watts	Component Description: Amount:	Transmitter \$21,882.90
Other Electrical Service: To be determined based upon site survey.	Information not provided.	

Antennas

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna DLP- 8M/VP	\$13,138.00	\$13,138.00		\$0.00	
UHF-Low Power, Side Mount, Slotted Coaxial, 0.75 kW input, Elliptical	\$7,408.00	\$7,408.00	antenna cost	\$0.00	N/A
Sweep test of transmission line and antenna	\$5,730.00	\$5,730.00	N/A	N/A	N/A
Sub-total	\$13,138.00	\$13,138.00	N/A	\$0.00	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Actual Information Description	File Name	
UHF-Low Power, Side Mount, Slotted Coaxial, 0.75kW input, Elliptical	Component Description: Amount:	antenna \$7,408.00
Sweep test of transmission line and antenna	Information not provided.	

Transmission Line

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$1,800.00	\$4,186.97		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$1,800.00	\$4,186.97	Actual cost	\$0.00	N/A
Sub-total	\$1,800.00	\$4,186.97	N/A	\$0.00	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Actual Information Description	File Name	
Flexible Foam Transmission	Component Description:	Cable
Line - dielectric, 1 5/8"	Amount:	\$4,186.97

Tower Equipment and Rigging Costs

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$50,000.00	\$50,000.00		\$0.00	
Tower Helicopter Lift	\$0.00	\$0.00	Included in Complex towers, subject to adjustment	N/A	N/A
Complex Tower (includes, e. g., towers with candelabras and/or stacked antennas)	\$50,000.00	\$50,000.00	See FCC Published Appendix A LPTV Cost Catalog Site may require helicopter depending on season.	N/A	N/A
Sub-total	\$50,000.00	\$50,000.00	N/A	\$0.00	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Components

Information not provided.

Outside Professional Services

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$29,635.00	\$26,065.00		\$10,700.00	
Site Survey	\$800.00	\$800.00	Site Survey Charge See KHGS ARCJ Site Survey Quote & SOW. pdf	\$800.00	N/A
Mobilization Charge and travel expenses for site survey	\$2,250.00	\$2,250.00	1 1/2 day @ \$1500/day See KHGS ARCJ Site Survey Quote & SOW. pdf	\$2,250.00	N/A
Mobilization Charge and travel expenses for installation	\$6,000.00	\$6,000.00	See KHGS ARCJ Turnkey Integration Quote & SOW. pdf	N/A	N/A

Additional Field Engineering Service, 5 Days	\$5,000.00	\$5,000.00	Turnkey Installation and integration of new and existing equipment. Installation of EAS, CAP, Satellite Interconnect, Final Transmitter /Antenna connection, station turn on. See KHGS ARCJ Turnkey Integration Quote and SOW.pdf	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$1,052.50	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$2,102.50	\$2,102.50	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$1,280.00	\$150.00	N/A	\$150.00	N/A
Form 399 assistance or other Program Management costs	\$1,000.00	\$1,000.00	See KHGS BWS Estimate Eligibility.pdf	\$1,000.00	N/A

Prepare/ Review 399 reimbursement form	\$1,710.00	\$1,710.00	See KHGS BWS 399 Reimbursement Estimate.pdf	\$1,000.00	N/A
Project management of the transition	\$8,440.00	\$6,000.00	See KHGS ARCJ Project Management Quote & SOW. pdf	\$5,500.00	N/A
Sub-total	\$29,635.00	\$26,065.00	N/A	\$10,700.00	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Actual Information Description	File Name	
Site Survey	Component Description: Amount:	50% Site Survey \$400.00
	Component Description: Amount:	Site Survey \$400.00
Mobilization Charge and travel expenses for site survey	Component Description: Amount:	50% Site Mobilization \$1,125.00
	Component Description: Amount:	Site Mobilization \$1,125.00
Mobilization Charge and travel expenses for installation	Information not provided.	
Additional Field Engineering Service, 5 Days	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description: Amount:	CP EXT \$150.00
Form 399 assistance or other Program Management costs	Component Description: Amount:	399 Eligibility Fe \$1,000.00
Prepare/ Review 399 reimbursement form	Component Description: Amount:	399 \$1,000.00
Project management of the transition	Component Description: Amount:	PM #2 \$1,500.00
	Component Description: Amount:	399PM \$1,000.00
	Component Description:	50% Project Management
	Amount:	\$3,000.00

Other Expenses

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$15,335.00	\$15,335.00		\$5,000.00	
Equipment Storage	\$5,000.00	\$5,000.00	Included SEE ARCJ Equipment Storage Removal Disposal Quote & SOW	\$5,000.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$5,000.00	\$5,000.00	See KHGS ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	See KÓÍ ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A
Sub-total	\$15,335.00	\$15,335.00	N/A	\$5,000.00	N/A
Total for all systems	\$166,491.00	\$163,690.87	N/A	\$48,632.90	N/A

Actual Information Description	File Name	
Equipment Storage	Component Description: Amount:	STORAGE \$5,000.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	

Cost Information	Grand Total					
		Predetermined Cost Estimate	Estimated Cost	Actual Cost		
	Total for all systems	\$166,491.00	\$163,690.87	\$48,632.90		

Reimbursem	envestialus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are 	
		considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Susan Hansen Consultant 04/30/2021

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

8.	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
9.	The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) fied above.	Randy Hansen CEO 04/30/2021

Attachments