

(REFERENCE COPY - Not for submission)

### FCC Form 399: Reimbursement Request

Facility 25042 Service: LPA Call W42CK Channel: 25 (UHF)

ID:

Sign:

File **0000088636** 

Number:

FRN: 0026455469 Eligibility Eligible Date 01/13

Status:

Submitted: /2

/2021

## Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
EDGE SPECTRUM, INC.  Doing Business As: EDGE SPECTRUM, INC.	PO Box 54025 Hurst, TX 76054 United States	+1 (972) 291-3750	randy@crosstalk. org	Corporation

### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant Address Phone Email

The Preparer is same as the reimbursement contact.

Broadcaster Information and Transition

Plan

Question Response

Will the station be sharing equipment with 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 of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	W42CK analog displaced to Ch 25 digital Applicant will build the CP as part of a coordinated system build out plan.

#### **Transmitters**

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

### Primary Transmitter

#### **Existing Transmitter Information**

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	830A
	Year	1999
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 kW

### Primary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	EC701HP BB3
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1 kW
	Justification for New Transmitter	Old transmitter analog cannot be retuned to Ch 25 digital.

#### Primary Transmitter

#### **Other Transmitter Costs**

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 on 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?	Yes
	Size	120.0 square feet

#### Primary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Encoder	Transition from Analog to Digital Transmitter will require new encoder.

#### **Antennas**

Section	Question	Response
Antenna Related 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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Mounting	Side Mount
Manufacturer and Type	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	ERP: (Effective Radiated Power)	1.0 kW
	Manufacturer	
	Model	ACB4DR
	Year	1999

#### 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	Mounting	Side Mount
Manufacturer and Types	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	ERP: (Effective Radiated Power)	1.0 kW
	Manufacturer	
	Model	SL-8
	Year	2020
	Justification for New Antenna	Old antenna cut to Ch 42 cannot be used for Ch 25.

#### Primary Antenna

#### **Other Antenna Costs**

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 Antenna

#### **Other Antenna Cost Not Listed**

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Lite

#### **Existing Transmission Line**

n 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	Manufacturer	
Line Manufacturer and Type	Туре	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	230 feet per run

### Primary Transmission

#### **New Transmission Line**

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	400 feet per run
	Justification for New Transmission Line	Antenna configured higher on the tower. Site has complex layout required additional line to get to the building.
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 nloine tion not provided.

# Tower Equipment And Rigging Costs

Section	Question	Response
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?	No
	Is this tower currently shared with any other stations?	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	1035657
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	39° 36' 38.0" N-
1983))	Longitude (NAD83)	077° 46' 54.0" W-
	Overall Structure Height	269.03 feet
	Support Structure Height	250.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	509.84 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	Shenandoah Mobile, LLC
Date Constructed	08/16/1999

#### Primary Tower

#### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

#### Primary Tower

#### Other Tower Expenses Not Listed

#### Outside Professional

project management Yes  80  No on site engineering staff. Complete turnkey project management
No on site engineering staff. Complete turnkey project
engineering staff. Complete turnkey project
udy for displacement No
ection of Form FCC Yes plication
No
Yes
ection of Form FCC Yes cation
No
Yes
ecial Temporary No
No
FCC Construction No
FCC License to No
ecial Temporary No
nd other Matter for No
C Form 399 for Yes
F

	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 Professional

#### Other Professional Services Expenses Not Listed

Services Costs	Description
Site Survey	8 hours @ \$100/hour
Mobilization Charge and travel expenses for installation	\$1500/day, 4 days
Mobilization Charge and travel expenses for site survey	\$1500/day, 1.5 days

# Other Expenses

Section	Question	Response
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

Other Expenses Not Listed

#### **Transmitters**

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 EC701HP BB3	\$171,696.46	\$135,282.46		\$56,836.70	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$84,000.00	\$46,000.00	N/A	\$45,786.70	N/A
Other Building Addition Size: 120.0	\$30,000.00	\$30,000.00	10 x 12 building 120 sq ft. @ \$250 / sq ft See FCC Appendix A LPTV Cost Catalog	N/A	N/A
5 Ton system	\$20,250.00	\$20,000.00	N/A	N/A	N/A
Transmitter Building Site Survey /Installation	\$10,000.00	\$11,836.00	See attached Comark Quote Transmitter Installation	\$11,050.00	N/A

Encoder	\$25,413.46	\$25,413.46	See: Comark Titan Live Encoder Quote.pdf Transition from Analog to	N/A	N/A
			Digital Transmitter will require new encoder.		
Other Electrical Service: To be determined based on site survey.	\$2,033.00	\$2,033.00	Quote 9/9 /19 Mr Sparky Quote.pdf	N/A	N/A
Sub-total	\$171,696.46	\$135,282.46	N/A	\$56,836.70	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

### Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	Transmitter \$45,786.70
Other Building Addition Size: 120.0	Information not provided.	
5 Ton system	Information not provided.	
Transmitter Building Site Survey/Installation	Component Description: Amount:	Installation \$11,050.00
Encoder	Information not provided.	

Other Electrical Service: To	Information not provided.
be determined based on site	
survey.	

#### **Antennas**

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 SL-8	\$17,730.00	\$17,730.00		\$0.00	
Sweep test of transmission line and antenna	\$5,730.00	\$5,730.00	N/A	N/A	N/A
UHF-Low Power, Side Mount, Slotted Coaxial, 1.0 kW input, Horizontal	\$12,000.00	\$12,000.00	N/A	N/A	N/A
Sub-total	\$17,730.00	\$17,730.00	N/A	\$0.00	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

#### Components

#### **Transmission Line**

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	\$9,600.00	\$9,600.00		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$9,600.00	\$9,600.00	N/A	N/A	N/A
Sub-total	\$9,600.00	\$9,600.00	N/A	\$0.00	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

#### Components

#### **Tower Equipment and Rigging Costs**

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	\$56,190.00	\$56,190.00		\$0.00	
Tower Rigging Short Tower (less than 500')	\$56,190.00	\$56,190.00	N/A	N/A	N/A
Sub-total	\$56,190.00	\$56,190.00	N/A	\$0.00	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

#### Components

#### **Outside Professional Services**

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	\$28,355.00	\$25,312.50		\$8,550.00	
Mobilization Charge and travel expenses for site survey	\$2,250.00	\$2,250.00	1 1/2 day @ \$1500/day See ARCJ Site Survey Quote & SOW.pdf	\$2,250.00	N/A
Mobilization Charge and travel expenses for installation	\$6,000.00	\$6,000.00	Mobilization Charge and Travel Expenses for Installation of EAS, CAP. Satellite Interconnect, Final Transmitter /Antenna connection, station turn on. Trip \$1500/day 4 days. See ARCJ Turnkey Quote & SOW. pdf	N/A	N/A
Prepare/ Review 399 reimbursement form	\$1,710.00	\$1,710.00	See BWS 399 Reimbursement Estimate	N/A	N/A
Project management of the transition	\$8,440.00	\$6,000.00	See ARCJ Project Management Quote & SOW. pdf	\$4,500.00	N/A

Site Survey	\$800.00	\$800.00	Site Survey Charge See ARCJ Site Survey Quote & SOW.pdf	\$800.00	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 ARCJ Turnkey Integration Quote & 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	\$1,500.00	N/A	N/A	N/A
Form 399 assistance or other Program Management costs	\$1,000.00	\$1,000.00	See BWS Estimate Eligibility 1876 Filing	\$1,000.00	N/A

Sub-total	\$28,355.00	\$25,312.50	N/A	\$8,550.00	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

### Components

Actual Information		
Description	File Name	
Mobilization Charge and travel expenses for site survey	Component Description: Amount:	Site Mobilization \$1,125.00
	Component Description: Amount:	50% Site Mobilization \$1,125.00
Mobilization Charge and travel expenses for installation	Information not provided.	
Prepare/ Review 399 reimbursement form	Information not provided.	
Project management of the transition	Component Description: Amount:	50% Project Management \$3,000.00
	Component Description: Amount:	PM #2 \$1,500.00
Site Survey	Component Description: Amount:	Site Survey \$400.00
	Component Description: Amount:	50% Site Survey \$400.00

Form 399 assistance or other Program Management costs	Component Description: Amount:	399 Eligibility Fee \$1,000.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Additional Field Engineering Service, 5 Days	Information not provided.	

#### **Other Expenses**

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	Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$10,335.00	\$10,335.00		\$0.00	
Equipment Storage	\$0.00	\$0.00	Included Equipment Deliver and Handling Charges. ARCJ Equipment Storage Removal Disposal Quote & SOW.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$5,000.00	\$5,000.00	Removal and disposal of equipment from job site, transmitter, coax, antenna and all debris. SEE ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Equipment Deliver and Handling Charges. ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A
Sub-total	\$10,335.00	\$10,335.00	N/A	\$0.00	N/A
Total for all systems	\$293,906.46	\$254,449.96	N/A	\$65,386.70	N/A

#### Components

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$293,906.46	\$254,449.96	\$65,386.70

Reimbursem	envestiatus	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

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.

- 1. 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.
- 2. 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).
- 5. 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 abovenamed applicant for the Authorization(s) specified above. Susan Hansen Consultant

01/13/2021

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).

- 1. 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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).
- 6. 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.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Randy Weiss CEO

01/13/2021

#### **Attachments**