

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 51101 Service: DTV Call KOZJ Channel: 35 (UHF)

ID: Sign:

File **0000027873** 

Number:

FRN: **0002487056** Date **03/04** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
BOARD OF GOVERNORS OF MISSOURI STATE UNIVERSITY Doing Business As: BOARD OF GOVERNORS OF MISSOURI STATE UNIVERSITY	Tammy Wiley 901 S. NATIONAL AVE. SPRINGFIELD, MO 65897 United States	+1 (417) 836- 5878	TAMMYWILEY@MISSOURISTATE. EDU	Government Entity

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

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

Preparer Contact Information

Applicant Address Phone Email

Matthew Anderson Sanderford , Jr President Marsand, Inc. 211 Pack Saddle Trail Weatherford, TX 76088-8646	Matthew Sanderford 211 Pack Saddle Trail Weatherford, TX 76088	+1 (817) 783- 5566	engineering@marsand. com
	United States		

#### 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.	Yes
Briefly describe transition plan	See attached station transition 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)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	DHD20P1
	Year	2003
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	5.5 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	ULXTE-10
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.6 kW
	Justification for New Transmitter	Existing transmitter manufacturer will not support retuning to new channel and current transmitter does not have sufficient output power.

### Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	0.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary
Transmitter Information not provided.

**Other Transmitter Cost Not Listed** 

#### **Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	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	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	55.0 kW

Manufacturer	
Model	B16UOM
Year	1984

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	16
	Lower Limit	500.00 MHz
	Upper Limit	626.00 MHz
	Design power capacity in use	59.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	68.0 kW
	Manufacturer	

Model	RD-16RFS (OM) -500626-SL
Year	2017
Justification for New Antenna	Existing CH25 antenna will not support CH35. Broadband replacement allows reuse of existing aperture and main transmission line run with no structural modification.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	3 1/8 inches inches

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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

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

Information not provided.

Transmission	n <sup>Sentien</sup>	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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

#### **Add Tower**

Section	Question	Response
Existing Tower	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	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?	No
	Is tower compliant with Rev G?	No
Existing Tower	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1012933
Coordinates (NAD83 (	Latitude (NAD83)	37° 04' 34.9" N-
North American Datum of 1983))	Longitude (NAD83)	094° 32' 16.4" W-
	Overall Structure Height	981.94 feet
	Support Structure Height	980.96 feet
		,

Ground Elevation Above Mean Sea Level (AMSL)	1042.97 feet
Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
Date Constructed	01/01/1965

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
18283	KODE-TV	DTV

#### Primary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious Reinforcements needed

#### 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

Name	Description
Structural Engineering Tower Load Study	Tower owner required Rigorous Structural analysis
Ground and Building AE Permit Drawing Package	Tower owner required generation of a construction drawing package
Antenna Change Out	Cost for removing old antenna and install new antenna
Tower Permit Drawing Package	Tower owner required generation of a construction drawing package

Outside Professional

Services Costs Management Services?         Do you require outside project management services?         Yes           Number of Hours         100           Explanation         The station has multiple transmitter sites (2 TV) and operates with minimal staff. It does not have personnel available for any of these tasks, nor is the staff trained to provide any of these services.           Outside RF consulting Engineering Services         Perform engineering study for new channel assignment and antenna development         Yes           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 Auxiliary Facility         No           For Main Facility         Yes           Prepare request for Special Temporary Authority         No           Quantity         N/A	Section	Question	Response
Explanation  The station has multiple transmitter sites (2 TV) and operates with minimal staff. It does not have personnel available for any of these tasks, nor is the staff trained to provide any of these services.  Outside RF consulting Engineering Services  Perform engineering study for new channel assignment and antenna development  Prepare engineering section of Form FCC Construction Permit Application  For Auxiliary Facility  Prepare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  Prepare engineering section of Form FCC Yes  Prepare engineering section of Form FCC Nest Prepare engineering section of	-		Yes
Nas multiple transmitter sites (2 TV) and operates with minimal staff. It does not have personnel available for any of these tasks, nor is the staff trained to provide any of these services.    Dutside RF consulting Engineering Services		Number of Hours	100
assignment and antenna development  Prepare engineering section of Form FCC Construction Permit Application  For Auxiliary Facility  No  For Main Facility  Prepare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Propare engineering section of Form FCC Propare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  No  Prepare request for Special Temporary Authority  No		Explanation	has multiple transmitter sites (2 TV) and operates with minimal staff. It does not have personnel available for any of these tasks, nor is the staff trained to provide any of these
Construction Permit Application  For Auxiliary Facility  For Main Facility  Prepare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  No	_		Yes
For Main Facility  Prepare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  No			Yes
Prepare engineering section of Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  No		For Auxiliary Facility	No
License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  No		For Main Facility	Yes
For Main Facility  Prepare request for Special Temporary Authority  No			Yes
Prepare request for Special Temporary No Authority		For Auxiliary Facility	No
Authority		For Main Facility	Yes
Quantity N/A			No
		Quantity	N/A

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A

Justification	N/A
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#### Outside Professional

# Other Professional Services Expenses Not Listed

Services Costs	Description
Site Survey	Site visit for specifying the final equipment needs and installation planning.
Tower Owner Project Managment	Tower owner required project management.

# Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	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?	No
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

### Other Expenses Not Listed

Name	Description
Required bid advertising	State of Missouri statutes require advertising for projects/equipment with a value of \$100,000 or greater.

# **Cost Information**

#### **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 ULXTE-10	\$705,404.35	\$371,848.88		\$160,944.53	
UHF - Liquid Cooled Solid State Transmitter 6.6 kW	\$176,968.35	\$176,968.35	Cost is reflective of actual expenses incurred. See cost component for detailed memo and supporting documentation.	\$138,579.01	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$160,944.53	***System Notice: Estimate adjusted and locked because line has been superseded. ***Final quote not received. Maximum estimate used in its place.	\$22,365.52	N/A

Total for all	\$2,268,531.51	\$1,190,845.34	N/A	\$800,513.76	N/A
Sub-total	\$705,404.35	\$371,848.88	N/A	\$160,944.53	N/A
			located outside.		
			exchanger		
			heat		
			transmitter		
			new		
			room and the		
			transmitter		
			between the		
			access		
Size: 0.0			personnel		
Addition			allow		
Building			required to		
Other	\$9,975.00	\$9,975.00	Access Door	\$0.00	N/A
			exchanger.		
			transmitter		
			area for		
			allow sufficient		
			outdoor unit to		
			with smaller		
			to be replaced		
			limited. HVAC		
			This space is		
			exchanger.		
(Other)			outdoor heat		
Size:5			transmitter's		
Type: H			locate new		
Service			much space to		
HVAC			requires too		
Other	\$23,961.00	\$23,961.00	Current HVAC	N/A	N/A

#### Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 6.6 kW	Component Description:	Costs for transmitter and
	Amount:	component parts. \$138,579.01

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13		
kW	Component Description:	Costs for
KVV		transmitter and
		component parts.
	Amount:	\$138,579.01
	Component Description:	Costs for
		transmitter
		components.
	Amount:	\$1,961.74
	Component Description:	Costs for
		transmitter
		components.
	Amount:	\$20,403.78
Other HVAC Service Type: H Size:5 (Other)	Information not provided.	
Other Building Addition Size: 0.0	Information not provided.	

# **Cost Information**

#### **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 RD-16RFS (OM) -500626-SL	\$80,587.16	\$77,802.46		\$66,402.46	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$7,145.30	As final needs were developed on antenna related components, there was some cost variance from initial 399 estimates which relied on FCC catalog pricing.	\$7,145.30	As final needs were developed, we saw some cost variance from original estimates for needed components
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Total for all systems	\$2,268,531.51	\$1,190,845.34	N/A	\$800,513.76	N/A
Sub-total	\$80,587.16	\$77,802.46	N/A	\$66,402.46	N/A
			pricing.		pricing.
			catalog		catalog
			on FCC		on FCC
			which relied		which relied
polarized			estimates		estimates
horizontally			399		399
kW input,			from initial		from initial
16 bay,, 68			variance		variance
antenna,			some cost		some cost
basic slot			there was		there was
Mount,			developed,		developed,
Side			needs were		needs were
Power,			antenna		antenna
UHF - High	\$59,257.16	\$59,257.16	As final	\$59,257.16	As final

#### Components

Actual Information Description	File Name	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Component Description:  Amount:	Portion of bill for antenna-related transmission line components. \$7,145.30
Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 68 kW input, horizontally polarized	Component Description: Amount:	Portion of bill for antenna \$59,257.16

# Cost Transmission Line

**Information** Information not provided.

# Cost Information

#### **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 GTOWER	\$1,393,650.00	\$633,964.00		\$540,314.00	
Serious tower reinforcement /modifications	\$1,052,000.00	\$512,769.00	Estimated cost has been adjusted to reflect the actual charges incurred when implementing the tower modifications.	\$512,769.00	N/A
Ground and Building AE Permit Drawing Package	\$4,700.00	\$4,700.00	Cost estimate provided by tower owner.	\$750.00	N/A
Structural Engineering Tower Load Study	\$10,450.00	\$10,450.00	Cost to KOZJ increased due to the fact that the other tenant on the tower (KODE) decided it will vacate to another tower site.	\$10,450.00	N/A

Tower mapping for an undocumented /poorly documented /poorly documented tower and preparation of documentation necessary for tower load study         \$26,300.00         \$85,000.00         \$85,000.00         Quote attached from PCI         N/A         N/A         N/A           Tower Permit Drawing Package         \$4,700.00         \$4,700.00         Cost estimate provided by tower owner.         N/A         N/A         N/A           Tall Tower (greater than 500')         \$1,393,650.00         \$633,964.00         N/A         \$540,314.00         N/A           Total for all systems         \$2,268,531.51         \$1,190,845.34         N/A         \$800,513.76         N/A						
Change Out         attached from PCI           Tower Permit Drawing Package         \$4,700.00         \$4,700.00         Cost estimate provided by tower owner.         N/A         N/A         N/A           Tall Tower (greater than 500')         \$210,500.00         \$0.00         Tower Rigging cost is include in the tower owner's estimate reinforcement / modifications.         N/A         N/A           Sub-total         \$1,393,650.00         \$633,964.00         N/A         \$540,314.00         N/A           Total for all         \$2,268,531.51         \$1,190,845.34         N/A         \$800,513.76         N/A	mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$16,345.00	increased due to the fact the other tenant on the tower KODE decided it will vacate to another tower	\$16,345.00	N/A
Drawing Package         provided by tower owner.           Tall Tower (greater than 500')         \$210,500.00         \$0.00         Tower Rigging cost is include in the tower owner's estimate reinforcement / modifications.         N/A         N/A           Sub-total         \$1,393,650.00         \$633,964.00         N/A         \$540,314.00         N/A           Total for all         \$2,268,531.51         \$1,190,845.34         N/A         \$800,513.76         N/A		\$85,000.00	\$85,000.00	attached	N/A	N/A
(greater than 500')  Rigging cost is include in the tower owner's estimate reinforcement / modifications.  Sub-total \$1,393,650.00 \$633,964.00 N/A \$540,314.00 N/A  Total for all \$2,268,531.51 \$1,190,845.34 N/A \$800,513.76 N/A	Drawing	\$4,700.00	\$4,700.00	provided by	N/A	N/A
<b>Total for all</b> \$2,268,531.51 \$1,190,845.34 N/A \$800,513.76 N/A	(greater than	\$210,500.00	\$0.00	Rigging cost is include in the tower owner's estimate reinforcement	N/A	N/A
	Sub-total	\$1,393,650.00	\$633,964.00	N/A	\$540,314.00	N/A
		\$2,268,531.51	\$1,190,845.34	N/A	\$800,513.76	N/A

### Components

<b>Actual Information</b>	
Description	File Name

Serious tower reinforcement		
/modifications	Component Description:	Second payment
	i i	for structural
		modifications.
	Amount:	\$244,309.50
		, , , , , , , , , , , , , , , , , , , ,
	Daniel Branchista	E
	Component Description:	Final true-up
		payment for
		construction
	Amazzata	/modification costs.
	Amount:	\$146,304.75
	Component Description:	First Payment for
		construction
	A	/modification costs
	Amount:	\$122,154.75
Ground and Building AE		
Permit Drawing Package	Component Description:	Puilding Dormit for
	Component Description.	Building Permit for modifications of
	Amarint	ATC owned tower.
	Amount:	\$750.00
Structural Engineering		
Tower Load Study	Component Description:	Charges for
	Component Description.	structural
		engineering tower load study
	Amount:	\$10,450.00
	Amount	ψ10, <del>1</del> 00.00
Tower mapping for an		
undocumented/poorly	Component Description:	Charges for
documented tower and	Component Description.	required tower
preparation of		mapping
documentation necessary	Amount:	\$16,345.00
for tower load study	Amount	ψ10,0 <del>1</del> 0.00
	Information not provided.	
Antenna Change Out		
Antenna Change Out  Tower Permit Drawing	Information not provided.	

Tall Tower (greater than	Information not provided.
500')	

# **Cost** Information

#### **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	\$61,840.00	\$80,730.00		\$27,554.02	
Site Survey	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$25,000.00	After consultation with legal counsel, the station is estimating lease negotiation costs of \$25,000 for amending the current site lease with ATC and for negotiating a Master Agreement with ATC relating to the overall tower changes necessary for the station's repack.	\$3,871.00	N/A

Attomey Fees-Prepare and File FCC Form 2100 (main), License to Cover Application         \$2,365.00         \$2,250.00         N/A         N/						
- Prepare and File FCC Form 2100 (main), Construction Permit Application  Prepare \$1,580.00 \$1,500.00 N/A N/A N/A N/A N/A N/A N/A Salation Section of FCC Form 2100 (main), License to Cover Application  Prepare \$3,155.00 \$3,000.00 N/A \$2,250.00 N/A section of FCC Form 2100 (main), Construction Permit Application  Perform \$7,360.00 \$7,000.00 N/A \$6,161.27 N/A section of FCC Form 2100 (main), Construction Permit Application  Perform assignment and antenna development  Prepare and or review reimbursement form  Project \$15,800.00 \$15,000.00 N/A \$3,872.25 N/A section N/	Prepare and File FCC Form 2100 (main), License to Cover	\$2,365.00	\$2,250.00	N/A	N/A	N/A
engineering section of FCC Form 2100 (main), License to Cover Application         \$3,155.00         \$3,000.00         N/A         \$2,250.00         N/A           Prepare engineering section of FCC Form 2100 (main), Construction Permit Application         \$7,360.00         \$7,000.00         N/A         \$6,161.27         N/A           Perform engineering study for new channel assignment and antenna development         \$2,630.00         \$2,500.00         N/A         \$1,339.50         N/A           Prepare and or review reimbursement form         \$15,800.00         \$15,000.00         N/A         \$3,872.25         N/A	- Prepare and File FCC Form 2100 (main), Construction Permit	\$5,260.00	\$5,000.00	N/A	\$580.00	N/A
engineering section of FCC Form 2100 (main), Construction Permit Application  Perform \$7,360.00 \$7,000.00 N/A \$6,161.27 N/A engineering study for new channel assignment and antenna development  Prepare and or review reimbursement form  Project \$15,800.00 \$15,000.00 N/A \$3,872.25 N/A management	engineering section of FCC Form 2100 (main), License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A
engineering study for new channel assignment and antenna development  Prepare and \$2,630.00 \$2,500.00 N/A \$1,339.50 N/A or review reimbursement form  Project \$15,800.00 \$15,000.00 N/A \$3,872.25 N/A management	engineering section of FCC Form 2100 (main), Construction Permit	\$3,155.00	\$3,000.00	N/A	\$2,250.00	N/A
or review reimbursement form  Project \$15,800.00 \$15,000.00 N/A \$3,872.25 N/A management	engineering study for new channel assignment and antenna	\$7,360.00	\$7,000.00	N/A	\$6,161.27	N/A
management	or review reimbursement	\$2,630.00	\$2,500.00	N/A	\$1,339.50	N/A
	management	\$15,800.00	\$15,000.00	N/A	\$3,872.25	N/A

Tower Owner Project Managment	\$9,480.00	\$9,480.00	Cost provided by tower owner	\$9,480.00	N/A
Sub-total	\$61,840.00	\$80,730.00	N/A	\$27,554.02	N/A
Total for all systems	\$2,268,531.51	\$1,190,845.34	N/A	\$800,513.76	N/A

### Components

Actual Information Description	File Name
Site Survey	Information not provided.

Attorney Fees - Negotiation of lease and other matters **Component Description:** Review of shared for shared locations site issues. **Amount:** \$291.00 **Component Description:** Review of Tower **Master Services** Agreement \$864.00 Amount: Review of shared **Component Description:** site issues. Amount: \$339.50 **Component Description:** Review of shared site issues. **Amount:** \$436.50 **Component Description:** Review of shared site issues Amount: \$242.50 **Component Description:** Portion of bill for review of shared site issues. **Amount:** \$1,455.00 Review of Tower **Component Description: Master Services** Agreement \$242.50 Amount:

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application Information not provided.

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:  Amount:	Legal Fees for Construction Permit application \$580.00
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	Component Description:	Portion of bill for engineering section of CP application. Invoice updated per FCC inquiry.
	Amount:	\$2,250.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Portion of bill for Engineering Study. Invoice date entry corrected per FCC inquiry.
	Amount:	\$4,500.00
	Component Description:	Engineering Services for channel assignment and antenna development. Requested amount
	Amount:	updated per FCC inquiries. \$1,661.27

Prepare and or review		
reimbursement form	Component Description:	Prepare or review
		reimbursement
		form. Invoice
		attachment
		provides additional
		support per FCC
		inquiry.
	Amount:	\$588.50
	Component Description:	Prepare or review
		reimbursement
		form.
	Amount:	\$654.00
	Component Description:	Prepare or review
		reimbursement
		form.
	Amount:	\$97.00
Project management of the	9	
transition	Component Description:	Portion of bill for
		Project
		Management-
		KOZJ
	Amount:	\$237.50
	Component Description:	Project
		management
		services.
	Amount:	\$145.50
	On the second se	Davidson of U.W.C
	Component Description:	Portion of bill for
		Preliminary Project
		Management.
		Invoice updated
	Amount:	per FCC inquiries. \$2,500.00

Component Description: Legal Project

Management Fees

Amount:

\$48.50

Component Description: Portion of bill for

KOZJ Project Management

**Amount:** \$97.00

Component Description: Portion of the bill

for KOZJ Project Management

**Amount:** \$54.00

Component Description: Project

**Management Costs** 

**Amount:** \$194.00

Component Description: Portion of bill for

project

management.

**Amount:** \$48.50

Component Description: Legal fees for

Project

Management

**Amount:** \$5,222.00

Component Description: Legal Fees for

Project

Management.

**Amount:** \$1,811.00

Component Description: Project

Management

Services.

**Amount:** \$523.00

	Component Description:	Portion of the bill for KOZJ Project Management
	Amount:	\$24.25
Tower Owner Project		
Managment	Component Description:	Tower Owner
		Project
		Management
		Services
	Amount:	\$9,480.00

# **Cost Information**

#### **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	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$27,050.00	\$26,500.00		\$5,298.75	
Required bid advertising	\$1,500.00	\$1,500.00	State of Missouri statutes require advertising for projects /equipment with a value of \$100,000 or greater.	\$1,347.95	N/A
MVPD Notification of Channel Change	\$11,000.00	\$11,000.00	Send notification to cable companies, MVPD locations, follow up on signal reception after repack switch.	\$1,430.55	N/A
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	Spot creation, talent, production.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,000.00	\$2,000.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,520.25	N/A
Sub-total	\$27,050.00	\$26,500.00	N/A	\$5,298.75	N/A
Total for all systems	\$2,268,531.51	\$1,190,845.34	N/A	\$800,513.76	N/A

### Components

Actual Information Description	File Name	
Description	i ne reame	
Required bid advertising		
	Component Description:	KOZJ portion of
		ads for bid
		process for
		transmitter
		purchases.
	Amount:	\$236.25
	Component Description:	KOZJ portion of
		ads for bid
		process for
		transmitter
		purchases.
	Amount:	\$587.64
	Component Description:	KOZJ portion of
		ads for bid
		process for
		transmitter
		purchases.
	Amount:	\$165.02
	Component Description:	KOZJ portion of
	,	ads for bid
		process for
		transmitter
		purchases.
	Amount:	\$14.50

	Component Description:  Amount:	KOZJ portion of ads for bid process for transmitter purchases. \$165.02
	Component Description:  Amount:	KOZJ portion of ads for bid process for transmitter purchases. \$165.02
	Component Description:  Amount:	KOZJ portion of ads for bid process for transmitter purchases.
MVPD Notification of Channel Change	Component Description: Amount:	Required MVPD Notifications \$1,430.55
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
DTV Medical Facility Notification	Component Description:	Required Medical Facility Notifications
	Amount:	\$2,520.25

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,268,531.51	\$1,190,845.34	\$800,513.76

Reimbursem	entestiatus	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. James
Baker , Dr. .
VP,
Missouri
State
University

03/04/2019

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. James
Baker , Dr. .
VP,
Missouri
State
University

03/04/2019

#### **Attachments**