

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 2784 Service: DTV Call KVTJ-DT Channel: 18 (UHF)

ID:

Sign:

File **0000028490** 

Number:

FRN: **0024969552** Date **11/28** 

Submitted: /2018

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
VICTORY TELEVISION NETWORK, INC.	Jim Grant P.O. BOX 26207 LITTLE ROCK, AR 72221 United States	+1 (501) 223-2525	jim. grant@vtntv. com	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	Please see attached Transition Plan Narrative.

# 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 and Type	Manufacturer	
	Model	CST II
	Year	1997
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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?	Yes
	Manufacturer	
	Model	THU9-48Evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	37 kW
	Justification for New Transmitter	Existing transmitter manufacturer, ABS, is no longer in business.

## Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	300.0 feet
	Other Electrical Service	Yes

	Description	Electrical installation for transmitter and other items related to overall KVTJ-DT electrical project.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	20 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	816.0 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

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

Name	Description
Transport Stream Processing and Evaluation	KVTJ-DT has always required a transport stream multiplexer & encoder located at the transmit site. We will need another multiplexer & associated equipment to transition between transmitters.

#### **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 Manufacturer and Type	Class	Full Power
	Mounting	Top 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)	780.0 kW

Manufacturer	
Model	TFU-31JTH- R 04
Year	1998

#### **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?	Yes
	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	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	420.0 kW
	Manufacturer	

Model	TFU-22JTH- R-O4
Year	2018
Justification for New Antenna	Antenna is slotted coaxial and cut to a single channel. As such, it is not retunable.

#### **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?	Single Channel
	Feed Line Size	6 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?	No

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

**Other Antenna Cost Not Listed** 

Information not provided.

#### Interim Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New 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/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	780.0 kW
	Manufacturer	
	Model	TFU-24WB- 1-R S230
	Year	2018

Justification for New Antenna	Interim antenna to operate lower on the tower for the pre- auction channel to avoid prolonged off-period
	off-period
	during the
	transition in
	order to
	meet the
	construction
	deadline.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

#### Interim Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

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

## Primary Transmission

## **Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1090 feet per run

#### Other Transmission Line Expenses Not Listed

**Primary** 

Transmission loinetion not provided.

#### Interim

#### **New Transmission Line**

Transmissio	n Settion	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	5 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	950 feet per
	Justification for New Transmission Line	Interim transmission line to operate lower on the tower for the pre-auction channel to avoid prolonged off-period during the transition in order to meet the construction deadline.	

Interim Other Transmission Line Expenses Not Listed

Transmission loine 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	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1048797
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	35° 36' 16.0" N-
1983))	Longitude (NAD83)	090° 31' 18.0" W-
	Overall Structure Height	999.99 fee
	Support Structure Height	999.99 fee
	Ground Elevation Above Mean Sea Level (AMSL)	215.88 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Victory Television Network, Inc.
Date Constructed	04/20/1998

## 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
Interim Installation	Install interim antenna and transmission line.

#### Outside Professional

Section	Question	Response
I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	350
	Explanation	Please see the attached Transition Plan Narrative.
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 Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	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

# Outside Professional \$

# Other Professional Services Expenses Not Listed

l Services Costs	Description
Outside Engineering Consultant	KVTJ-DT's transition complexity requires a local, outside engineer with subject-matter experience for occasional consulting.

# 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	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

## Other Expenses Not Listed

Name	Description
Arkansas Use Tax	We must pay Arkansas use tax on taxable purchases. Our out-of-state vendors are not required to collect or remit the taxes on our behalf. We must calculate and pay use tax ourselves. We have estimated our tax obligation based on our repack budget.
Security Cameras	A set of security cameras in lieu of on-site security, paid personnel to oversee the tower crew, and/or additional storage costs.
Project-related Insurance	Insurance costs directly related to the KVTJ-DT repack project.

# **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 THU9- 48Evo	\$1,812,679.00	\$1,708,713.00		\$1,064,795.67	
Transport Stream Processing and Evaluation	\$48,299.00	\$48,299.00	KVTJ-DT has always required a transport stream multiplexer & encoder located at the transmit site. We will need a new multiplexer & associated equipment to transition between transmitters (see attached narrative.)	\$0.00	N/A

Other Electrical Service: Electrical installation for transmitter and other items related to overall KVTJ-DT electrical project.	\$25,000.00	\$25,000.00	hourly labor costs associated with all aspect of KVTJ-DT transmitter electrical installation including capacity expansion project.	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$28,846.00	Switchgear for KVTJ- DT electrical capacity expansion project. see narrative.	\$28,846.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,468.00	Service entrance disconnect upgrade and related labor necessary to integrate KVTJ-DT's service entrance equipment to support the increased electrical capacity needed to complete the repack transition. see narrative.	\$13,468.00	N/A

4" Rigid	\$30,300.00	\$28,880.00	4" rigid	\$28,800.00	N/A
Conduit			conduit and		
and Wiring			wiring to		
(Cost per			support the		
foot)			increase in		
			electrical		
			capacity		
			required to		
			complete		
			the		
			transmitter		
			transition.		
			300ft		
			needed.		
			see		
			narrative.		
20 Ton	\$115,500.00	\$96,240.00	Original	\$96,240.00	N/A
system			HVAC		
			system		
			estimate		
			has been		
			revised		
			lower		
			based on		
			the vendor		
			quote		
			received.		
			Cost		
			Cost		
			remains		
			remains below		
			remains below Widelity		
			remains below Widelity Catalog		
			remains below Widelity		

Other Building Addition Size: 816.0	\$67,980.00	\$67,980.00	Addition of the new HVAC on west side of the KVTJ-DT building requires an extension of the building's ice shield and fence line to account for this new equipment. A 1,000 ft tower produces large ice spears that would destroy the HVAC units. See narrative.	\$67,980.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	N/A	\$829,461.67	N/A
Sub-total	\$1,812,679.00	\$1,708,713.00	N/A	\$1,064,795.67	N/A
Total for all systems	\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

## Components

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

Transport Stream		
Processing and Evaluation	Component Description:	KVTJ-DT Triveni
	Component Decemporari	Digital Invoice,
		Quote, and
		narrative for
		transport stream
		related equipment.
	Amount:	\$28,300.00
	Component Description:	Harmonic
	Component Description.	Multiplexer for
		KVTJ-DT for
		transitioning
		between existing
		and new
		transmitters (see
		attached narrative.)
	Amount:	\$19,999.00
Other Electrical Service: Electrical installation for transmitter and other items related to overall KVTJ-DT electrical project.	Information not provided.	
Switchgear - industrial 800		
amp	Component Description:	KVTJ-DT
		switchgear and
		installation.
	Amount:	\$28,846.00
Service entrance 3 phase		
/800 amp/208 volt	Component Description:	KVTJ-DT service
	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	entrance 3 phase
		equipment and
		installation.

(Cost per foot)	Component Description:	KVTJ-DT 4" rigid conduit and wiring (cost represented in feet on invoice)
	Amount:	\$28,800.00
20 Ton system		
	Component Description:	20 Ton HVAC
		System (Heating &
		Cooling) cost
		component inclusive of all
		electrical, ducting,
		masonry materials
		and labor.
	Amount:	\$96,240.00
Other Building Addition		
Size: 816.0	Component Description:	KVTJ-DT
		Transmitter
		building expansion
		of ice shield and
		fence line to
		accommodate
		repack required
	Amount:	HVAC system. \$67,980.00

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW

**Component Description:** 

Initial payment for primary transmitter

& related

equipment. The two shipping line items on this invoice are not included in this total. This invoice represents a 30% down payment necessary to start work on this component.

Amount:

Amount:

\$276,487.23

Component Description: 2

2nd payment for primary transmitter

& related

equipment. The two shipping line items on this invoice are not included in this total. This invoice represents a 60% down payment necessary to start work on this

component. \$552,974.44

# **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
Interim Antenna TFU-24WB- 1-R S230	\$191,990.00	\$186,400.00		\$160,131.16	
UHF - High Power, Side Mount, basic slot antenna, 780 kW input, directional,, horizontally polarized	\$180,000.00	\$180,000.00	Catalog estimated cost for UHF-Lower Power Side Mount: One station - 200- 500kW, horizontally polarized	\$154,371.16	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	The interim scatter study cost will now be bundled into the interim antenna cost component.	N/A	N/A
Primary Antenna TFU-22JTH- R-O4	\$308,530.00	\$293,100.00		\$162,439.20	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$275,000.00	N/A	\$156,679.20	N/A
Sub-total	\$500,520.00	\$479,500.00	N/A	\$322,570.36	N/A
Total for all systems	\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

#### Components

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

UHF - High Power, Side Mount, basic slot antenna, 780 kW input, directional,, horizontally polarized

**Component Description:** 

Initial payment for interim antenna /mount, & the interim scatter study. Scatter study is bundled into cost of interim antenna hardware. This invoice represents a 45% down payment necessary to start work on this component.

Amount:

Component Description: 2nd payment for

\$77,185.58

interim antenna /mount, & the interim scatter study. Scatter study is bundled into cost of interim antenna hardware.

This invoice

represents a 45% down payment necessary to start

work on this component. \$77,185.58

Amount:

Sweep test of existing antenna		
antonia	Component Description:	Initial payment for
		field engineer
		interim line
		/antenna sweep
		study with report.
		This invoice
		represents a 45%
		down payment
		necessary to start
		work on this
		component.
	Amount:	\$2,880.00
	Component Description:	Initial payment for
		field engineer
		interim line
		/antenna sweep
		study with report.
		This invoice
		represents a 45%
		down payment
		necessary to start
		work on this
		component.
	Amount:	\$2,880.00
Pattern scatter analysis for	Information not provided.	
side mount high/med power antennas (if not included in antenna base cost)		
Elbow complex, single channel, at antenna input,	Information not provided.	

Sweep test of	of existing
antenna	

Component Description: 2nd payment for

field engineer primary line /antenna sweep study with report. This invoice

represents a 45% down payment necessary to start

work on this component.

**Amount:** \$2,880.00

Component Description: Initial payment for

field engineer primary line /antenna sweep study with report. This invoice represents a 45%

down payment necessary to start

work on this component.

**Amount:** \$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description: 2nd payment for

primary antenna /mount. This is an elliptical antenna, but we are not requesting reimbursement (\$30912) for the optional aspect. See attached letter. Invoice represents a 45% down payment necessary

to start work on this

component.

**Amount:** \$78,339.60

Component Description: Initial payment for

primary antenna /mount. This is an elliptical antenna, but we are not requesting reimbursement (\$30912) for the optional aspect. See attached letter. Invoice represents a 45% down

payment necessary to start work on this

component.

**Amount:** \$78,339.60

# **Cost** Information

#### **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
Interim Transmission Line	\$99,750.00	\$95,000.00		\$64,253.26	
Flexible Air Transmission Line - dielectric, 5"	\$99,750.00	\$95,000.00	N/A	\$64,253.26	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$99,750.00	\$95,000.00	N/A	\$64,253.26	N/A
Total for all systems	\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

#### Components

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

Flexible Air Transmission Line - dielectric, 5"

Component Description: Equipment and

small parts related to flushing the transmission line

and then

integrating it into our existing pressurization system. The main dehydration pump was included with the line but not all the necessary pieces to fully integrate it were

included. \$3,283.60

Component Description: Initial payment for

Amount:

Amount:

interim line & related line equipment. This invoice represents a 45% down payment

necessary to start work on this component. \$30,484.83

Component Description: 2nd payment for

interim line & related line equipment. This invoice represents a 45% down payment

necessary to start work on this

component.

**Amount:** \$30,484.83

### **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 TOWER	\$1,488,800.00	\$1,425,000.00		\$1,038,933.85	
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	Please see the attached Transition Plan Narrative and Structural Analysis.	\$805,493.05	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$7,800.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	Main antenna installation.	\$138,927.60	N/A
Interim Installation	\$200,000.00	\$200,000.00	N/A	\$86,713.20	N/A
Sub-total	\$1,488,800.00	\$1,425,000.00	N/A	\$1,038,933.85	N/A
Total for all systems	\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

#### Components

**Actual Information** 

Description

File Name

Serious tower reinforcement/modifications

Component Description: Tower modification

required by tower crew to safely operate on the KVTJ-DT tower to perform the necessary reinforcements.

**Amount:** \$7,056.25

**Component Description:** 2nd payment for

serious tower modifications necessary to accommodate the increased tower load resulting from new primary antenna & new interim antenna /line. This invoice

/line. This invoice represents a 40% downpayment necessary to start work on this

component. \$354,860.80

Component Description: Initial payment for

Amount:

serious tower modifications necessary to accommodate the increased tower load resulting from

new primary antenna & new interim antenna /line. This invoice represents a 50% downpayment necessary to start

work on this component. \$443,576.00

Amount: \$44

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

**Component Description:** 

survey requested by Paul J Ford structural analysis firm & Marsand Inc consulting engineers. FAA required 1A survey was needed before the required structural analysis of the existing KVTJ-DT tower could be completed.

**KVTJ-DT** tower

Amount: \$1,400.00

**Component Description:** 

Mapping studies necessary to prepare the KVTJ-DT tower to support loading required to complete the

repack. Tower was analyzed with

proposed loads and

then a

recommendation was made for changes to support

that load.

Amount: \$6,400.00

Tall	Tower	(greater	than
500'	)		

Component Description: Initial payment for

tower equipment & rigging of new top-mounted primary antenna & removal of existing top-mounted primary antenna. This

invoice represents a 50% downpayment necessary to start

work on this component. \$77 182 00

**Amount:** \$77,182.00

**Component Description:** 2nd payment for

tower equipment & rigging of new top-mounted primary antenna & removal of existing top-mounted primary antenna. This

invoice represents a 40% downpayment necessary to start

work on this component.

**Amount:** \$61,745.60

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Component Description: Initial payment for

tower equipment & rigging of side-mounted interim antenna and interim transmission line.

This invoice

represents a 50% downpayment necessary to start

work on this component.

**Amount:** \$48,174.00

**Component Description:** 2nd payment for

tower equipment & rigging of sidemounted interim antenna and interim transmission line.

This invoice

represents a 40% downpayment necessary to start

work on this component.

**Amount:** \$38,539.20

### **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	\$91,690.00	\$86,850.00		\$22,330.55	
Outside Engineering Consultant	\$4,100.00	\$4,100.00	A long-time former employee and current contract engineer for KVTJ-DT we have utilized to aide our repack efforts.  Specifically, he has advised and assisted with RF, HVAC, and electrical issues directly related to KVTJ's repack needs.	\$4,100.00	N/A

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$392.55	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,988.00	N/A
Prepare request for Special Temporary	\$2,050.00	\$1,500.00	N/A	\$600.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,500.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Project management of the transition	\$55,300.00	\$52,500.00	N/A	\$3,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,250.00	N/A
Sub-total	\$91,690.00	\$86,850.00	N/A	\$22,330.55	N/A
Total for all systems	\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

### Components

Actual Information	
Description	File Name

Outside Engineering Consultant	Component Description:	Invoice and quote for consulting labor performed. Invoiced according to "time & materials" method.
	Amount:	\$4,100.00
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description:  Amount:	Legal fees related to STA filing for KVTJ-DT repack. NET30 terms means the due date is 12/7/2018.
	Component Description:  Amount:	Fees related to filing a repack related STA for KVTJ-DT. Net 30 terms as indicated on invoice means that the due date is 12/7/2018. \$266.00
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: KVTJ-DT Wiley

Rein LLP - Outside

Professional Services:

Conference calls and e-mails with attorneys to discuss issues related to preparing

Form 2100 Construction

Permit Application.

**Amount:** \$689.00

**Component Description:** KVTJ-DT Wiley

Rein LLP - Outside

Professional

Services: Attorney e-mail consultation with management prior to preparing Form 2100 Construction

Permit Application.

**Amount:** \$68.00

Component Description: KVTJ-DT Wiley

Rein LLP - Outside

Professional Services: Email consultation with attorneys to

Prepare Form 2100

Construction

Permit Application & general issues related to KVTJ-DT

repack.

**Amount:** \$816.00

	Component Description:  Amount:	KVTJ-DT Wiley Rein LLP - Outside Professional Services: Consultation with attorneys to prepare Form 2100 Construction Permit Application and prepare/file minor modification application. \$3,415.00
Prepare request for Special Temporary Authorization	Component Description:  Amount:	REVISED Invoice to prepare STA interim facility request for KVTJ- DT. Pay terms are 50% upfront & 50% final. Another request will be submitted for the final 50%. This invoice contains costs related to other components \$600.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

Perform engineering study for new channel assignment and antenna development

**Component Description:** 

perform eng studynew channel assignment & antenna

REVISED inv. to

development. Pay terms are 50% upfront & 50% final. \$2250 represents initial payment. Another request will be submitted for the final 50%. Inv contains costs related to other components \$2,250.00

Amount:

**Component Description:** 

REVISED Invoice to perform eng study-new channel assignment & antenna

development. Pay terms are 50% upfront & 50% final. \$2250

represents the final

payment. Inv contains costs related to other components.

**Amount:** \$2,250.00

Prepare and or review reimbursement form

Component Description: REVISED Invoice

to prepare & review

schedule 399
reimbursement
form for KVTJ-DT.
Pay terms are 50%
upfront & 50%
final. \$1250

represents the final payment. This invoice contains costs related to other components.

**Amount:** \$1,250.00

Component Description: REVISED Invoice

to prepare & review

reimbursement form for KVTJ-DT. Pay terms are 50% upfront & 50% final. Another request will be submitted for the final 50%. This invoice contains costs related to

other components

**Amount:** \$1,250.00

Project management of the
transition

Component Description: REVISED Invoice

for project

management of the transition. Our CEs visited the KVTJ-DT site to assess it. Pay terms are 50% upfront & 50% final. Another request will be submitted for the

final 50%. This invoice contains costs related to other components

**Amount:** \$3,000.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

Component Description: REVISED Invoice

to prepare the engineering section of FCC Form 2100

& the CP application for KVTJ-DT. Pay terms are 50% upfront & 50% final. \$1125.00 represents the final payment. This invoice contains costs related to

other components.

**Amount:** \$1,125.00

Component Description: REVISED Invoice

to prepare the engineering section

of FCC Form 2100

& the CP
application for
KVTJ-DT. Pay
terms are 50%
upfront & 50%
final. \$1125.00
represents the
initial payment.
This invoice
contains costs
related to other
components.

**Amount:** \$1,125.00

### **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	\$319,277.65	\$310,812.65		\$241,507.34	
Project- related Insurance	\$400.00	\$400.00	The KVTJ-DT repack project occasionally has costs related to insurance such as transit insurance for large items (antennas, transmitters) and site-based insurance costs related to the ongoing construction project.	\$400.00	N/A
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$40,000.00	\$40,000.00	Shipping for main and interim antennas and interim transmission line. We now know that actual costs for delivery will be higher than originally estimated.	\$33,864.52	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	Disposal of antenna, transmitter, RF system	\$3,555.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,140.00	Actual cost for this service has come in significantly under our original estimate and we are revising this estimate downward.	\$3,140.00	N/A
Arkansas Use Tax	\$235,887.75	\$235,887.75	We must pay Arkansas use tax on taxable purchases. Our out-of- state vendors are not required to collect or remit the taxes on our behalf. We must calculate and pay use tax ourselves. We have projected our tax obligation based on our repack budget.	\$196,947.92	N/A

Security Cameras         \$3,599.90         In lieu of requesting reimbursement for additional security, inhouse labor to supervise a tower crew for 2+ months, and /or storage costs; we are requesting four security cameras that we can use to monitor the site in real-time.           FCC Filing Fees - Special Temporary Authorization request         \$195.00         \$190.00         N/A         N/A         N/A           Sub-total         \$319,277.65         \$310,812.65         N/A         \$241,507.34         N/A           Total for all systems         \$4,312,716.65         \$4,105,875.65         N/A         \$2,754,391.03         N/A						
Fees - Special Temporary Authorization request         Sub-total       \$319,277.65       \$310,812.65       N/A       \$241,507.34       N/A         Total for all       \$4,312,716.65       \$4,105,875.65       N/A       \$2,754,391.03       N/A	-	\$3,599.90	\$3,599.90	requesting reimbursement for additional security, in- house labor to supervise a tower crew for 2+ months, and /or storage costs; we are requesting four security cameras that we can use to monitor the site in real-	\$3,599.90	N/A
<b>Total for all</b> \$4,312,716.65 \$4,105,875.65 N/A \$2,754,391.03 N/A	Fees - Special Temporary Authorization	\$195.00	\$190.00	N/A	N/A	N/A
	Sub-total	\$319,277.65	\$310,812.65	N/A	\$241,507.34	N/A
		\$4,312,716.65	\$4,105,875.65	N/A	\$2,754,391.03	N/A

#### Components

Actual Information	File Name	
Description	riie Naille	
Project-related Insurance		
	Component Description:	Transit insurance
		for interim and
		primary antennas
		and line to cover
		the shipment in
		transit from Maine
		to Arkansas. KVTJ-
		DT ONLY.
	Amount:	\$400.00

MVPD Notification of Channel Change	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:  Amount:	Shipping and handling for the KVTJ-DT pressurization parts. \$135.52
	Component Description:  Amount:	Initial payment for delivery/handling costs on the primary transmitter. The two line items are \$960 & \$3388.  This invoice represents a 30% down payment necessary to start work on this component. \$4,348.00
	Component Description:  Amount:	2nd payment (\$3825) for delivery /handling costs on the primary antenna. This invoice represents a 45% down payment necessary to start work on this component. \$3,825.00

Component Description: Initial payment for

delivery/handling costs on interim antenna, primary antenna, & interim transmission line. The two line items are \$3,825 & \$5,130. This

invoice represents a 45% down

payment

necessary to start

work on this component. \$8,955.00

**Amount:** \$8,955.00

Component Description: 2nd payment

(\$5130) for delivery /handling costs on interim antenna &

interim

transmission line.
This invoice

represents a 45% down payment necessary to start work on this component.

**Amount:** \$5,130.00

Component Description: Delivery &

handling costs for the 20-ton HVAC system (heating &

cooling) component.

**Amount:** \$1,125.00

Component Description: 2nd payment for

delivery/handling costs on the primary

transmitter. The two line items are \$1920 & \$6776. This invoice

represents a 60% down payment necessary to start work on this

component.

**Amount:** \$8,696.00

Component Description: Delivery and

handling charges for construction materials related to

the KVTJ-DT

transmitter building

expansion.

**Amount:** \$865.00

Component Description: Delivery and

handling for KVTJ-

DT electrical

capacity upgrade

**Amount:** \$785.00

Component Description:	Disposal costs related to the KVTJ-DT transmitter building
	expansion. We will need to haul away waste generated from the expansion
Amount:	project. \$715.00
Component Description:	Disposal costs associated with the 20 ton HVAC (heating & cooling) component inclusive of hazardous material disposal.
Amount:	\$940.00
Component Description:	Demolition and disposal costs related to removing existing equipment throughout the KVTJ-DT electrical capacity expansion project.
Amount:	\$1,900.00
Information not provided.	
Information not provided.	
	Amount:  Component Description:  Component Description:  Amount:  Information not provided.

DTV Medical Facility Notification	Component Description:  Amount:	KVTJ-DT Medical Notification quote & invoice from DTV Notification. \$3,140.00
Arkansas Use Tax	Component Description:	Sales and use tax true-up for previously approved and reimbursed invoices from MARSAND Inc. Please see attached narrative for more information.
	Amount:	\$177,083.13
	Component Description:  Amount:	Sales tax on the pressurization parts and equipment invoice. \$264.98
	Component Description:  Amount:	Sales tax for the tower safety modification of the KVTJ-DT tower. \$546.86
	Component Description:  Amount:	Sales tax for  1  20 Ton HVAC System (heating & cooling),  2  delivery & handling,  3  disposal components. \$7,618.64

	Component Description:  Amount:	Arkansas sales tax for all components of KVTJ-DT electrical capacity upgrade listed on invoice #51474. \$5,719.42
	Component Description: Amount:	Sales tax for KVTJ-DT transmitter building expansion. \$5,390.90
	Component Description: Amount:	Sales tax for the KVTJ camera invoice \$323.99
Security Cameras	Component Description:  Amount:	Security cameras in lieu of other reimbursable costs (storage, outside security staff, or personnel oversight costs) related to the repack. \$3,599.90
FCC Filing Fees - Special Temporary Authorization	Information not provided.	φο,σοσοίσο

request

## Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,312,716.65	\$4,105,875.65	\$2,754,391.03

Reimbursem	entestatus	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. Jim Grant General Manager

11/28/2018

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. Jim Grant General Manager

11/28/2018

#### **Attachments**