

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 60026 Service: DCA Call KHTV-CD Channel: 27 (UHF)

ID:

Sign:

File **0000027965** 

Number:

FRN: **0034811976** Date **05/15** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
VENTURE TECHNOLOGIES GROUP, LLC	5670 WILSHIRE BLVD STE 1620 LOS ANGELES, CA 90036 United States	+1 (323) 965- 5400	form399@LOOP. COM	Limited Liability Company

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

Plan

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

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Question Response Information and Transition

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	The proposed plan is for KHTV to replace the existing channel 27 transmitter with a new solid-state transmitter, replace the existing channel 27 mask filter with a new

#### **Transmitters**

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

line

channel 22 mask filter, and replace the existing segmented 2 1/4" foam dielectric

# 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	Innovator LX 2000U
	Year	2004
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2 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	THU9EVO4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	KHTV is planning on replacing the existing Axcera transmitter because the manufacturer has gone out of business and there is no support for retuning the transmitter.

## 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	Yes
	Size	2 inches
	Length	20.0 feet
	Other Electrical Service	Yes
	Description	The new main transmitter with require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Improvement	Size	N/A
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
Mask Filter	KHTV will require a new mask filter designed for channel 22 operation. The existing Myat channel 27 mask filter cannot be retuned or adapted for operation on channel 22. There is space in the existing transmitter room to accommodate the new mask

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	TMU9
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.8 kW
	Justification for New Transmitter	The interim antenna is located within the same compound but on different tower.  American Tower indicated that a new Transmitter will be required to feed this interim antenna.

#### Interim 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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

## **Other Transmitter Cost Not Listed**

Interim Transmitter

**Transmitter** Information not provided.

#### **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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna  Manufacturer and Type	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	4
	Design power capacity in use	4.5 %
	Lower Limit	470.00 MHz
	Upper Limit	800.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	8.1 kW

Manufacturer	
Model	MCI20064
Year	2012

#### **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?	Yes
New Antenna Manufacturer and Types	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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)	15.0 kW
	Manufacturer	
		<u>'</u>

Model	TFU-DSB- 6B/VP
Year	2018
Justification for New Antenna	Existing antenna does not have combiner or line switch. New antenna is the only way we can avoid prolonged off-air time. This system is the most efficient plan.

#### **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?	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 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.

#### 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?	Yes
New Antenna	Class	Class A
Manufacturer and Type	Mounting	Side Moun
	Antenna position in stack	Not in Stac
	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)	15.0 kW
	Manufacturer	
	Model	DLP8M
	Year	2018

Justification for New Antenna	American Tower has advised that an interim transmitter and antenna are necessary because KHTV must temporarily vacate the tower on which it is

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

# Primary Transmission Line

## **Existing Transmission Line**

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	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 Line Manufacturer and Type	Manufacturer	
	Туре	Flexible Foam
	Diameter	Other
	Other Diameter	2 1/4 inches
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	300 feet per run

#### **New Transmission Line**

<b>Primary</b>
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Transmission Line Question Response **New Transmission Line** Use Primary Costs (Main) Description of Use N/A Change Type Purchase New Is this a request for upgraded equipment? No Type Flexible Air Diameter 3 inches Other Diameter N/A Segment Length N/A Other Segment Length N/A Number of parallel runs 1 Length 300 feet per run Justification for New Transmission Line Existing transmission line does not have combiner or line switch. New line is the only way we can avoid prolonged off-air time. This system is the most efficient method.

Primary
Other Transmission Line Expenses Not Listed
Transmission of provided.

#### Interim

#### **New Transmission Line**

Transmission	n Line Section	Question	Response
New Transmission Line Costs	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	3 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	232 feet per run
		Justification for New Transmission Line	The interim transmission line is necessary because KHTV must move to a temporary tower location while work on the main tower is conducted.

Interim Other Transmission Line Expenses Not Listed Transmission Line 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

## Auxiliary Tower

#### **Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim
	Ownership	Leased
	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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	34° 12' 46.15" N-
	Longitude (NAD83)	118° 03' 44.8" W-
	Overall Structure Height	199.00 feet
	Support Structure Height	199.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5425.00 fee

Structure Type	LTOWER - Lattice Tower
Tower Owner	American Tower Corp
Date Constructed	06/19/2000

## Auxiliary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

#### Auxiliary Tower

## **Tower Rigging Costs**

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

#### Auxiliary Tower

Other Tower Expenses Not Listed

Information not provided.

# 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	Leased
	Is this tower consider Complex?	Candelabra
	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?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1213941
Coordinates (NAD83 (	Latitude (NAD83)	34° 12' 47.9" N-
North American Datum of 1983))	Longitude (NAD83)	118° 03' 44.3" W-
	Overall Structure Height	199.80 feet
	Support Structure Height	199.80 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5428.08 feet
	Structure Type	LTOWER - Lattice Tower
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	07/01/2000

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
26231	KWHY-TV	DTV
19783	KVEA	DTV
63865	KILM	DTV
60026	KHTV-CD	DTV
22161	KRCA	DTV
56384	KBEH	DTV
35608	KSCI	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:	Minor Reinforcements needed

## Primary Tower

## **Tower Rigging Costs**

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

## Primary Tower

## Other Tower Expenses Not Listed

Information not provided.

## Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	2000
	Explanation	KHTV will need outside project management services. KHTV anticipates needing 2,000 hours of Project management 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 Main Facility	Yes
	Prepare request for Special Temporary Authority	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 Services	Prepare and file Form FCC Construction Permit Application	Yes

	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	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	8
	Justification	Project Management

Other Professional Services Expenses Not Listed Outside Professional Services (Costsided.

# 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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	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
	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
Vehicle Rentals	Required for equipment delivery.
Interim Antenna Rental	ATC rental cost for the interim antenna

# **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
Interim Transmitter TMU9	\$178,600.00	\$139,760.22		\$88,560.22	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$88,560.22	N/A	\$83,610.22	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$14,050.00	N/A	\$4,950.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	N/A	N/A
Primary Transmitter THU9EVO4	\$433,970.00	\$326,327.67		\$205,322.42	
Mask Filter	\$3,950.00	\$3,950.00	N/A	\$0.00	N/A

Wiring (Cost per foot) UHF - Air Cooled Solid	\$126,000.00	\$41,277.67	***System Notice:	\$41,277.67	N/A
Wiring (Cost					
2" Rigid Conduit and	\$520.00	\$500.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$250,600.00	N/A	\$155,544.75	N/A
Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.					

## Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	Re-tune mask filter for Interim facility. \$711.75
	Component Description: Amount:	75% Final Payment on Interim Transmitter \$63,560.97
	Component Description:  Amount:	25% down payment on interim transmitter \$19,337.50
	Component Description:  Amount:	Transmitter Installation /Electrical Work \$4,950.00
Service entrance 3 phase /800 amp/208 volt	Component Description:  Amount:	Electrical Installation Work. USE THIS SUBMISSION, DISREGARD DUPLICATE SUBMISSION OF SAME INVOICE. \$4,950.00
Switchgear - industrial 800 amp	Information not provided.	
Mask Filter	Information not provided.	

Other Electrical Service: The new main transmitter **Component Description:** Transmitter will require reconfiguration Electrical of the electrical service on Installation site. The electrical work Expenses. USE cost has been estimated **THIS** based on verbal guidance SUBMISSION & from local electrical **DISREGARD THE** contractors. OTHER SUBMISSION OF **INVOICE 8039** Amount: \$8,500.00 **Component Description: Electrical Work For** Transmitter Installation **Amount:** \$8,500.00 UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 **Component Description:** 75% payment for kW KHTV-CD main transmitter. Amount: \$155,544.75 **Component Description:** 25% down payment on KHTV main transmitter. Amount: N/A 2" Rigid Conduit and Wiring Information not provided. (Cost per foot)

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW

**Component Description:** zeroed out on 12/18

/18, wrong section invoice added under the interim transmitter section.

Amount: N/A

Component Description: Disregard

Amount: N/A

Component Description: R&S ETLTV

Analyser

**Amount:** \$41,277.67

# **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 DLP8M	\$33,030.00	\$12,950.00		\$0.00	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$6,450.00	N/A	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,500.00	N/A	N/A	N/A
Primary Antenna TFU-DSB- 6B/VP	\$33,030.00	\$29,240.00		\$3,926.25	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$22,840.00	N/A	\$3,926.25	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$66,060.00	\$42,190.00	N/A	\$3,926.25	N/A

# Components

Actual Information Description	File Name	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Component Description: Amount:	KHTV-CD Main Antenna \$3,926.25
Sweep test of existing antenna	Information not provided.	

### **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	\$13,688.00	\$6,670.24		\$6,670.24	
Flexible Air Transmission Line - dielectric, 3"	\$13,688.00	\$6,670.24	N/A	\$6,670.24	There were unanticipated costs associated with the transmission line.
Primary Transmission Line	\$17,700.00	\$18,211.40		\$18,211.40	
Flexible Air Transmission Line - dielectric, 3"	\$17,700.00	\$18,211.40	Sales tax was not included in original estimate.	\$18,211.40	N/A
Sub-total	\$31,388.00	\$24,881.64	N/A	\$24,881.64	N/A
Total for all systems	\$1,983,803.00	\$1,732,554.53	N/A	\$578,603.53	N/A

Actual Information	
Description F	File Name

Flexible Air Transmission		
Line - dielectric, 3"	<b>Component Description:</b>	Various
		transmission line
		accessories.
	Amount:	\$1,620.80
	Component Description:	Various
		Transmission Line
		Accessories.
	Amount:	\$2,945.60
	Component Description:	Transmission Line
		Jumper
	Amount:	\$2,009.64
	Component Description:	O-Rings
	Amount:	\$94.20
Flexible Air Transmission		
Line - dielectric, 3"	Component Description:	Transmission Line
	Amount:	\$12,511.11
	Component Description:	Transmission line
	2000110111	and associated
		hardware.

### **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
Auxiliary Tower LTOWER	\$96,800.00	\$83,900.00		\$54,341.15	
Short Tower (less than 500')	\$84,200.00	\$81,900.00	N/A	\$54,341.15	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,000.00	N/A	N/A	N/A
Primary Tower LTOWER	\$625,300.00	\$587,100.00		\$127,240.90	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,600.00	N/A	\$10,300.00	N/A

Structural	\$20,000,00	<b></b>		<b>.</b>	
engineering tower load study for a documented tower with candelabra	\$20,000.00	\$11,500.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Per invoice	\$11,500.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$105,440.90	N/A
Sub-total	\$722,100.00	\$671,000.00	N/A	\$181,582.05	N/A
Total for all	\$1,983,803.00	\$1,732,554.53	N/A	\$578,603.53	N/A

Actual Information	
Description	File Name

Short Tower (less than 500')		
	Component Description:	Tower Rigging / Interim Antenna Installation (Final
	Amount:	Payment) \$21,525.00
	Component Description:	Scaffolding & misc. hardware needed to rig
	Amount:	interim tower. \$2,100.00
	Component Description: Amount:	DISREGARD N/A
	Component Description:	Tower equipment /Rigging
	Amount:	\$5,765.00
	Component Description:	Tower Rigging / Interim Antenna Installation (50%
	Amount:	deposit) \$23,544.00
	Component Description:	Scaffolding and Misc. Hardware needed to rig tower.
	Amount:	\$1,407.15
Structural engineering tower load study for well documented tower	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Broadcast Tower Mapping \$10,300.00
Structural engineering tower load study for a documented tower with candelabra	Component Description:	Tower Mapping. Proper cost category not available in form 399.
	Amount:	N/A
	Component Description: Amount:	Broadcast Structural \$9,500.00
	Component Description:	Broadcast
	Amount:	Structural \$2,000.00
Complex Tower (includes, for example, those with candelabras and/or stacked	Component Description:	50% Down Payment on
antennas)	Amount:	Tower Work. \$48,100.00
	Component Description: Amount:	DISREGARD N/A
	Component Description: Amount:	DISREGARD N/A
	Component Description: Amount:	Disregard N/A

**Component Description:** Scaffolding and

> misc. hardware needed to rig

tower.

\$708.40 Amount:

**Component Description:** Scaffolding and

> Misc. hardware needed to rig

tower.

Amount: \$632.50

**Component Description:** 20% Payment on

> Completion of Tower Work.

**Amount:** \$19,240.00

**Component Description:** Scaffolding &

> misc. hardware needed to rig main

tower.

**Amount:** \$7,900.00

**Component Description:** 30% Mobilization

> Payment on Tower Work. \$28,860.00

**Component Description:** Disregard **Amount:** 

N/A

**Amount:** 

**Component Description:** Disregard

Amount: N/A

### **Cost Information**

#### **Outside Professional Services**

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

	Predetermined	Estimated	Estimated Cost	Actual Co	
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Outside Professional Services	\$466,440.00	\$443,750.00		\$54,373.18	
Additional Field Engineering Service, 8 Days	\$16,000.00	\$16,000.00	N/A	\$4,752.33	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	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	N/A	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$3,050.00	See: S&F FCC Repack Consulting Engineering Proposal. pdf
Project management of the transition	\$316,000.00	\$300,000.00	N/A	\$45,102.25	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,468.60	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	See: S&F FCC Repack Consulting Engineering Proposal. pdf
Sub-total	\$466,440.00	\$443,750.00	N/A	\$54,373.18	N/A
Total for all systems	\$1,983,803.00	\$1,732,554.53	N/A	\$578,603.53	N/A

Actual Information Description	File Name	
Additional Field Engineering Service, 8 Days	Component Description: Amount:	Travel expenses for field service engineers. \$4,752.33
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
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	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

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

Component Description: Interference study

of repack Channel 22 for KHTV-CD in

Los Angeles, California; e-mail report (\$650); preparation of

engineering portion of initial FCC

Application for
Construction
Permit for repack
facility; e-filing

(\$1750)

**Amount:** \$2,400.00

Component Description: Prepare

engineering section of FCC Form 2100, Construction

Permit Application. Resubmitted to show invoice matches proposal.

Amount: N/A

Component Description: Preparation of

revised

engineering portion

of initial FCC
Application for
Construction
Permit for repack
facility on Channel
22 for KHTV-CD in
Los Angeles,

California; e-filing

(\$650)

**Amount:** \$650.00

Project management of the transition

Component Description: Technical,

Consultation and Planning Services.

Attended a conference at Rohde and Schwartz on 3/6 /2017 concerning the 399 re-pack documentation.

**Amount:** \$75.00

Component Description: Project

Management

**Amount:** \$1,794.80

Component Description: Site coordination

and transition

planning. \$5,000.00

Component Description: Project

Amount:

management.

**Amount:** \$9,480.00

Component Description: Technical,

Consultation and Planning Services.

**Amount:** \$136.50

Component Description: Technical,

Consultation and Planning Services. Three conference

calls.

**Amount:** \$75.00

**Component Description:** Project

Management

**Amount:** \$1,818.40

Component Description: Project

Management

**Amount:** \$1,582.05

Component Description: Technical

Consultation and Planning Services.

ФГ4 CO

**Amount:** \$54.60

Component Description: Technical ,

Consultation and Planning Services.

Technical,

Consultation and Planning Services with Sam Hariton

(Widelity).

**Amount:** \$75.00

Component Description: Please deny this

invoice, it is a

duplicate

Amount: N/A

Component Description: Re-pack consulting

and updating

**Amount:** \$75.00

Component Description: Technical,

Consultation and Planning Services.

Review and answering

technical questions

through a telephone

conference call for the follow up report for the Re-pack.

**Amount:** \$75.00

Component Description: Project

Management \$1,450,85

**Amount:** \$1,450.85

**Component Description:** Project

Management

**Amount:** \$6,709.40

Component Description: Technical

Consultation and

Planning Services

**Amount:** \$54.60

Component Description: Project

Management

**Amount:** \$1,109.85

Component Description: Technical

Consultation and

Planning Services

**Amount:** \$54.60

Component Description: Project

Management

**Amount:** \$1,301.65

**Component Description:** Project

Management

**Amount:** \$1,537.35

Component Description: Technical

Consultation and

Planning Services.

**Amount:** \$54.60

Component Description: Project

Management

Amount:

\$1,706.25

**Component Description:** 

Project

Amount:

management \$1,311.85

**Component Description:** 

Project

Amount:

Managment \$6,144.60

**Component Description:** 

Project

Management Fees

Amount:

\$1,060.70

**Component Description:** 

Project

Management Fees

Amount:

\$684.20

**Component Description:** 

Project

Management

Amount:

\$1,705.30

**Component Description:** 

Project

Management

Amount:

\$330.00

Prepare and or review reimbursement form		
reimbursement form	<b>Component Description:</b>	Budget Review
		/Form Prep
	Amount:	\$522.75
	Component Description:	Budget Review
		/Form Prep
	Amount:	\$945.85
	Component Description:	Please Disregard.
	Amount:	N/A
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel		
assignment and antenna	<b>Component Description:</b>	Interference study
development		of repack Channel
ac voiopinion.		22 for KHTV-CD in
		Los Angeles,
		California; e-mail
		report (\$650);
		preparation of
		engineering portion
		of initial FCC
		Application for Construction
		Permit for repack
		facility; e-filing (\$1750)
		(ψ1130)

## **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	\$85,245.00	\$84,645.00		\$19,957.77	
Non-zoning permits	\$5,450.00	\$5,450.00	N/A	\$5,450.00	N/A
Vehicle Rentals	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Equipment Storage	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$15,000.00	\$15,000.00	N/A	\$5,102.77	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	\$750.00	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

Total for all systems	\$1,983,803.00	\$1,732,554.53	N/A	\$578,603.53	N/A
Sub-total	\$85,245.00	\$84,645.00	N/A	\$19,957.77	N/A
Interim Antenna Rental	\$12,800.00	\$12,800.00	Please see the project estimation form from ATC	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$8,655.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A

Actual Information Description	File Name	
Non-zoning permits		
	Component Description:  Amount:	Permitting fees and tower construction drawings for permitting process. \$5,450.00
Vehicle Rentals	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	

monii Anomia Nenai	Component Description: Amount:	N/A N/A
MVPD Notification of Channel Change Interim Antenna Rental	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Notification of Medical Facilities \$8,655.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Local Zoning	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Disposal of debris from repack site. \$750.00
Handling Charges	Component Description:  Amount:	Equipment Delivery and Handling Charges. \$5,102.77

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,983,803.00	\$1,732,554.53	\$578,603.53

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. Andy Wilcoxson General Manager

05/15/2019

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. Andy Wilcoxson General Manager

05/15/2019

#### **Attachments**