

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 68753 Service: DTV Call KTFN Channel: 20 (UHF)

Sign:

File **0000028321** 

Number:

ID:

FRN: **0001529627** Date **09/23** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
ENTRAVISION HOLDINGS, LLC	Mark Boelke Suite 6000 West 2425 Olympic Boulevard Santa Monica, CA 90404 United States	+1 (310) 447-3896	mboelke@entravision.com	Limited Liability Company

# 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
Samuel Hariton Widelity	4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.com

#### 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	The plan is for KTFN to replace the existing Channel 51 system with a new Channel 20 antenna, new 4-1/16" line, and a new transmitter.

#### **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	Diamond CD
	Year	2003
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	5.41 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	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	8.5 kW
	Justification for New Transmitter	New transmitter is necessary because the existing transmitter is not capable of being retuned to channel 20

# 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	Yes
	Description	The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KTFN estimated the electrical work cost.
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

# Primary Transmitter

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

Name	Description
Ivallic	Description

Freight	Freight to the transmitter location
Mask Filter	Mask filter for the new transmitter
RF Accessories	RF components for the new transmitter

#### **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	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)	250.0 kW

Manufacturer	
Model	ATW18H4- HSPA-51S
Year	2003

#### **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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side 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)	1000.0 kW
	Manufacturer	

Model	TFU-22DSC /VP-R BP285
Year	2017
Justification for New Antenna	A new antenna is necessary because the existing antenna cannot be retuned to the new channel and is not capable of broadcasting on channel 20.

#### **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?	Yes

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

#### **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)	150.0 kW
	Manufacturer	
	Model	TFU- 12DSB BP285

Year	2019
Justification for New Antenna	Required to remain on the air during transition.

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

#### 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 Se

#### **Existing Transmission Line**

on 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	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	312 feet per run

#### **New Transmission Line**

# Primary Transmission

section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	230 feet per run
	Justification for New Transmission Line	KTFN's previous transmission line is not capable of operating on the new channel, the segment lengths are different. A new transmission line will need to be installed in order to support the new channel.

# Other Transmission Line Expenses Not Listed Primary Other Transmission Transmission Internation not provided.

#### Interim

#### **New Transmission Line**

<b>Fransmissic</b>	on Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	4 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	230 feet per run
		Justification for New Transmission Line	To be utilized along with interim antenna to remain on the air during transition.

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

# 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?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	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	1202400
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	31° 48' 18.9" N-
	Longitude (NAD83)	106° 29' 00.7" W-
	Overall Structure Height	388.12 feet
	Support Structure Height	340.88 feet

Ground Elevation Above Mean Sea Level (AMSL)	5604.92 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Pinnacle Towers LLC
Date Constructed	01/05/2000

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
67760	KTSM-TV	DTV
36916	KTDO	DTV
49832	KVIA-TV	DTV
10202	KSCE	DTV

# Other Types of Users

Users
DEA
City of El Paso
59114 K26KJ-D
NOA

#### Primary Tower

#### **Tower Modification Costs**

Section Question	Response
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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	Terrain constrained
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	712
	Explanation	KTFN does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the construction deadline for Phase 8 of March 13, 2020. KTFN will hire an outside firm to ensure a timely and well managed transition.
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	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	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A

Justification	N/A
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Outside
Professional Services Expenses Not Listed
Professional Services © pstsided.

# 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	Yes
	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?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

Other Expenses Not Listed

**Expenses** Information not provided.

# **Cost Information**

#### **Transmitters**

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

Description Primary Transmitter ULXTE-40	Predetermined Cost Estimate \$584,142.33	Estimated Cost \$755,891.93	Estimated Cost Justification	Actual Cost \$368,782.58	Actual Cost Justification
Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KTFN estimated the electrical work cost.	\$8,542.49	\$8,542.49	see Estimated Cost Justification KTFN-110- Electrical Service New 1st Primary Transmitter v0	\$8,542.49	N/A
RF Accessories	\$32,963.47	\$32,963.47	Please see the attached Gatesair JW30004369- 1 invoice; Justifying Invoice - GatesAir US0324273	\$32,963.47	N/A

Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A
Sub-total	\$584,142.33	\$755,891.93	N/A	\$368,782.58	N/A
			v0		
			Transmitter		
			Primary		
			New 1st		
8.2 - 13 kW			KTFN-110-		
Transmitter			Justification		
State			Cost		
Cooled Solid			Estimated		
UHF - Liquid	\$494,500.00	\$666,249.60	see	\$279,140.25	N/A
			US0324273		
			GatesAir		
			Invoice -		
			Justifying 		
			1 invoice;		
			JW30004369-		
			Gatesair		
			the attached		
Freight	\$16,403.86	\$16,403.86	Please see	\$16,403.86	N/A
			US0324273		
			GatesAir		
			Invoice -		
			Justifying		
			1 invoice;		
			JW30004369-		
			Gatesair		
Mask Filter	\$31,732.51	\$31,732.51	Please see the attached	\$31,732.51	N/A

# Components

Actual Information Description	File Name	
Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KTFN estimated the electrical work cost.	Component Description:  Amount:	KTFN-110- Electrical Service New 1st Primary Transmitter \$8,542.49

RF Accessories		
	Component Description:	KTFN-110-New 1st
		Primary Transmitter
		- RF Accessories
	Amount:	\$32,963.47
Mask Filter		
	Component Description:	KTFN-110-New 1st
		Primary Transmitter
		- Mask Filter
	Amount:	\$31,732.51
Freight		
	Component Description:	KTFN-110-New 1st
		Primary Transmitter
		- Freight
	Amount:	\$16,403.86

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW

Component Description: 50% Down

payment for New Primary Transmitter

**Amount:** \$158,420.26

**Component Description:** 3/21/19 5 men 52.5

Man Hours

**Amount:** \$12,580.00

Component Description: 03/08/2019 5 men

19 hours

**Amount:** \$16,720.00

Component Description: KTFN-110-New 1st

Primary Transmitter

**Amount:** \$17,652.86

Component Description: ULXTE-12

Transmitter per

Quote Q-74081

**Amount:** \$107,928.76

Component Description: BBG-DA-12G-1XG

**Amount:** \$456.23

Component Description: MOBILIZATION OF

**CRANE AND TWO** 

SERVICE TRUCKS.

**Amount:** \$12,335.00

# **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-12DSB BP285	\$119,280.00	\$40,371.59		\$30,218.56	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$30,218.56	Dielectric Quote #51348JKT	\$30,218.56	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$3,753.03	Please see attached purchase order	N/A	N/A
Primary Antenna TFU-22DSC /VP-R BP285	\$215,678.00	\$232,223.00		\$173,001.03	

Side mount	\$23,150.00	\$16,425.00	N/A	\$3,753.03	N/A
brackets for high					
power antennas					
(if not					
included in					
antenna					
base cost)					
Sweep test	\$6,730.00	\$30,000.00	Based on	N/A	N/A
of existing antenna			quote from Inspection		
antenna			Vendor.		
UHF - High	\$185,798.00	\$185,798.00	Please see	\$169,248.00	N/A
Power,			Dielectric		
Side			quote		
Mount,			#513320JKT		
basic slot			Rev 5		
antenna,			(uploaded to		
1000 kW			LMS Attachments		
input, directional,,			Section).		
elliptically			Estimated		
or circularly			Cost		
polarized			includes		
polarizoa			estimated		
			shipping and		
			taxes but		
			excludes		
			\$19,050.00		
			of V-pol		
			component,		
			as shown in		
			quote.		
Sub-total	\$334,958.00	\$272,594.59	N/A	\$203,219.59	N/A
Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A

# Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.

**UHF** - Lower Power Side Mount, One station **Component Description:** ANTENNA - UHF antenna - medium power SIDE MOUNT ONE (50-200 kW), horizontally STATION, polarized **HORIZONTALLY** POLARIZED TFU-12DSB BP285 ANTENNA FOR D51." Amount: \$12,696.75 **Component Description:** Other - freight, shipping, and handling Amount: \$2,003.56 **Component Description:** ANTENNA - UHF SIDE MOUNT Amount: \$2,821.50 **Component Description:** ANTENNA - UHF SIDE MOUNT Amount: \$12,696.75 Side mount brackets for Information not provided. high power antennas (if not included in antenna base cost) Side mount brackets for high power antennas (if **Component Description:** KTFN-210-Sidenot included in antenna mount Brackets base cost) **New Primary** Antenna Amount: \$3,753.03 **Component Description:** KTFN-210-Sidemount Brackets **New Primary** Antenna \$7,506.05 Amount:

Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna,	Component Description:	UHF - HIGH
1000 kW input, directional,, elliptically or		POWER SIDE MOUNT
circularly polarized	Amount:	\$15,895.00
	Component Description:	ELBOW COMPLEX
		KIT, SINGLE
		CHANNEL AT
		ANTENNA INPUT
		FOR 6-1/8" 75 OHM
	Amount:	\$1,029.80
	Component Description:	UHF High Power
		Side Mount TV Ant
		TFU-22DSC/VP-R
		BP285D20
	Amount:	\$76,161.60
	Component Description:	UHF - High power
		side mount; Other
		VPOL components;
		Other elbow
		complex kit; Rigid
		transmission line -
		copper; etc.
	Amount:	\$76,161.60

# **Cost** Information

#### **Transmission Line**

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$17,020.00	\$5,149.63		\$5,149.63	
Flexible Air Transmission Line - dielectric, 4"	\$17,020.00	\$5,149.63	Dielectric quote 51348JKT plus \$341.43 in freight and handling charges.	\$5,149.63	N/A
Primary Transmission Line	\$46,460.00	\$70,549.81		\$51,531.19	
Rigid Transmission Line - copper, 6 1/8"	\$46,460.00	\$70,549.81	Dielectric quote 513320JKT Rev 5; Justifying Invoice - KTFN Dielectric 413041	\$51,531.19	N/A
Sub-total	\$63,480.00	\$75,699.44	N/A	\$56,680.82	N/A
Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A

#### Components

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

Flexible Air Transmission		
Line - dielectric, 4"	Component Description:	KTFN-380-Interim
		Transmission Line
	Amount:	\$341.43
	Component Description:	KTFN-380-Interim
		Transmission Line
	Amount:	\$480.82
	Component Description:	KTFN-380-Interim
	A	Transmission Line
	Amount:	\$2,163.69
	Component Description:	KTFN-380-Interim
	Amount:	Transmission Line \$2,163.69
	Amount	Ψ2,100.03
Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	KTFN-310-New
		Primary
		Transmission Line
	Amount:	\$4,843.79
	Component Description:	KTFN Primary
	Amount:	Transmission Line \$23,343.70
	Alliount.	φ <b>∠</b> ∪,∪ <del>+</del> ∪.1∪
	Component Descriptions	VTCN Deirector
	Component Description:	KTFN Primary Transmission Line

# **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	\$605,300.00	\$575,000.00		\$158,375.29	
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	\$19,154.97	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$139,220.32	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Sub-total	\$605,300.00	\$575,000.00	N/A	\$158,375.29	N/A
Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A

### Components

Actual Information	
Description	File Name

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

**Component Description:** Broadcast tower

structural analysis

Amount:

\$2,139.21

For Smith **Component Description:** 

> Broadcast to attend a Repack Meeting at KINT-DT Office in El Paso, Tx and a site survey

Amount:

\$2,349.55

**Component Description:** Tower mapping

> and prep of doc necessary for tower load study

Amount:

\$17,015.76

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

**Component Description:** For Station KTFN,

> 50% upon acceptance. \$85,111.56

Amount:

**Component Description:** Antenna mounting

brackets

Amount: \$27,054.38

**Component Description:** Line Item 1:

Antenna mounting

brackets

Amount: \$85,111.56

**Component Description:** 50% upon

acceptance.

\$27,054.38 Amount:

Minor tower reinforcement	Information not provided.
/modifications	

# **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	\$183,776.00	\$175,987.50		\$81,435.80	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	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	\$437.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$4,437.50	See attached invoices for RF engineering services related to CP application.	\$4,437.50	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	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
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 - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
Project management of the transition	\$112,496.00	\$106,800.00	N/A	\$76,060.80	N/A
Sub-total	\$183,776.00	\$175,987.50	N/A	\$81,435.80	N/A
Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A

## Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
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.
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Perform engineering study for new channel assignment and antenna development	Component Description:  Amount:	Engineering study work for new channel assignment including antenna development \$437.50
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Preparation of the engineering section of FCC
	Amount:	Form 2100 \$250.00
	Component Description:	Preparation of the engineering section of FCC From 2100
	Amount:	\$1,125.00
	Component Description:	CP Mod./DA Change Profoessinal
	Amount:	Services \$500.00
	Component Description:	Preparation of the engineering section of FCC
	Amount:	Form 2100 \$2,562.50
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:	License
		Application Professional Services
	Amount:	\$500.00

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
Project management of the transition	Component Description:	Project
	Amount:	management \$1,385.85
	Component Description:	Project
	Amount:	management \$2,351.70
	Component Description:	Project Management
	Amount:	\$3,615.40
	Component Description:	Project Management
	Amount:	\$2,502.00
	Component Description:	Project Management
	Amount:	\$4,618.10

**Component Description:** 

Amount:

**Project** 

Management

\$6,972.85

**Component Description:** 

**Project** 

Amount:

Management

\$5,427.90

**Component Description:** 

**Project** 

Amount:

Management \$6,591.25

**Component Description:** 

**Project** 

Amount:

management

\$778.60

**Component Description:** 

Project

Amount:

management

\$971.95

**Component Description:** 

**Project** 

Amount:

Management \$2,267.35

**Component Description:** 

**Project** 

Amount:

Management \$1,713.80

**Component Description:** 

Project

Amount:

Management

\$1,680.05

**Component Description:** 

**Project** 

Amount:

management \$1,193.70

**Component Description:** 

Project Management

Amount:

\$2,226.90

**Component Description:** 

Project

Amount:

Management \$2,429.20

**Component Description:** 

Project

Amount:

Management \$3,187.00

Project

**Component Description:** 

Management

Amount:

Amount:

Amount:

Amount:

\$2,331.15

**Component Description:** 

Project

Management

\$1,637.85

**Component Description:** 

**Project** 

management

\$148.20

**Component Description:** 

**Project** 

Management

\$3,331.70

**Component Description:** 

Project

Amount:

Management

\$1,398.40

**Component Description:** 

**Project** 

Amount:

Management

\$2,231.30

**Component Description:** Project

Management

**Amount:** \$1,911.75

**Component Description:** Project

Management

**Amount:** \$4,845.65

Component Description: Project

Management

**Amount:** \$3,251.60

Component Description: Project

Management

**Amount:** \$1,945.35

Component Description: Project

Management

**Amount:** \$2,061.10

Component Description: Project

management

**Amount:** \$1,053.15

# **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	\$97,390.00	\$96,785.00		\$0.00	
MVPD Notification of Channel Change	\$500.00	\$500.00	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 Delivery and Handling Charges	\$26,200.00	\$26,200.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	N/A	N/A
BLM or NFS Coordination	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

Total for all systems	\$1,869,046.33	\$1,951,958.46	N/A	\$868,494.08	N/A
Sub-total	\$97,390.00	\$96,785.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

### Components

Information not provided.

# Cost Information

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,869,046.33	\$1,951,958.46	\$868,494.08

Reimbursem	entestatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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. Manuel
Cavazos,
III.
EVP Director of
Technology

09/23/2019

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. Manuel
Cavazos,
III.
EVP Director of
Technology

09/23/2019

Section Question Response

#### Submission of Final Allocation or Accounting Information 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 and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The abovenamed entity acknowledges that all certifications and attached documentation are considered material representations.
- 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
- 4. 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.
- 5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 6. 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. Manuel
Cavazos,
III.
EVP Director of
Engineering

09/23/2019

### **Attachments**