



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **69692** | Service: **DTV** | Call **KNVO** | Channel: **17 (UHF)** |  
ID: | Sign: |  
File **0000028314**  
Number:  
FRN: **0001529627** | Date **05/06**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>ENTRAVISION HOLDINGS, LLC</b>	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 Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Samuel Hariton</b> <i>Widely</i>	4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.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 KNVO is to replace the existing Channel 49 system with a new Channel 17 antenna, new 6-1/8" line, and a new transmitter.

**Transmitters**

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

**Primary  
Transmitter**

**Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	CD3P2CFAND1150
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	The existing transmitter operates as a main /alternate main transmitter pair. The replacement transmitter is also a main /alternate main.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA

	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, KNVO estimated the electrical work cost.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
	Information not provided.

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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) .....	1000.0 kW



	Manufacturer	
	Model	ATW30H5
	Year	2001

**Facility ID's and Call Signs of  
all stations with whom the  
antenna is shared.**

Facility ID	Call Sign
28280	KTFV-CD

Primary  
Antenna

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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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-22JSC /VP-R C160
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 17.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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
<b>Elbow Complex</b>	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

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

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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) .....	181.0 kW
	Manufacturer	
	Model	TLP-16M-R
	Year	2017

Justification for New Antenna	Due to structural limitations, KNVO's new main antenna system and KNVO's old main antenna system cannot both be present on the tower at the same time. KNVO will need to broadcast using lower-loading antenna system while the old main antenna is removed.
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## 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?	No

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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



**Primary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1131 feet per run

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

Facility ID	Call Sign
28280	KTFV-CD

**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1131 feet per run
	Justification for New Transmission Line	KNVO's previous waveguide is not capable of operating on the new channel. A new (different sized) waveguide will need to be installed in order to support the new channel.

Primary Transmission Line	Other Transmission Line Expenses Not Listed
Information not provided.	

**Interim**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1131 feet per run
	Justification for New Transmission Line	The interim antenna will need it's own separate transmission line to operate on as the main antenna transmission line will not be installed prior to the interim antenna's activation.

**Interim**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Information 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?	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?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1051020
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	26° 05' 19.0" N-
	Longitude (NAD83)	098° 03' 45.0" W-
	Overall Structure Height	971.12 feet
	Support Structure Height	971.12 feet
	Ground Elevation Above Mean Sea Level (AMSL)	77.10 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Entravision - Texas Limited Partnership
	Date Constructed	01/01/1997

**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
67188	KVLY	FM
28280	KTFV-CD	DTV

**Other Types of Users**

Users
49038 KFXV
Fed Border Pat
VTX Comms

**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

<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed
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**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Structural Analysis</b>	Structural Analysis needed once Mapping complete.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	712
	Explanation	KNVO does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the Construction Deadline of March 13, 2020. KNVO will hire an outside firm to ensure a timely and well managed transition.
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	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	Yes
	Quantity	1
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	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 Costs**      **Other Professional Services Expenses Not Listed**  
Services provided.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b> Information not provided.
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## 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
<b>Primary Transmitter ULXTE-90</b>	<b>\$2,276,506.99</b>	<b>\$2,841,783.87</b>		<b>\$400,891.52</b>	
Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KNVO estimated the electrical work cost.	<i>\$30,565.47</i>	\$30,565.47	See attached electrician's quote	N/A	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$21,560.00	per GatesAir quotes Q-74348 & Q-74405	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$2,369,516.88	Cost decreased by amount already forwarded for payment on superseded equipment. per GatesAir quotes Q-74348, Q-74405, & Q-78701	\$0.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<b>\$400,891.52</b>	\$400,891.52	***System Notice: Estimate adjusted and locked because line has been superseded. ***Please see the attached Gatesair JW30004370-1 invoice	\$400,891.52	N/A
<b>Sub-total</b>	\$2,276,506.99	\$2,841,783.87	N/A	\$400,891.52	N/A
<b>Total for all systems</b>	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	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, KNVO estimated the electrical work cost.	Information not provided.

Transformer 3 phase/480v - 300 KVA	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Information not provided.
5 Ton system	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<div> <div> <b>Component Description:</b> </div> <div> 50% Down  payment for New  Primary  Transmitter </div> </div> <div> <b>Amount:</b> </div> <div> \$400,891.52 </div>

## 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
<b>Interim Antenna TLP-16M-R</b>	<b>\$112,550.00</b>	<b>\$31,972.00</b>		<b>\$28,774.80</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$3,404.00	Dielectric Quote 513481JKT Rev 1	\$3,063.60	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$28,568.00	Dielectric Quote 513481JKT Rev 1	\$25,711.20	N/A
<b>Primary Antenna TFU-22JSC /VP-R C160</b>	<b>\$197,355.00</b>	<b>\$197,473.00</b>		<b>\$0.00</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A



Sweep test of existing antenna	\$6,730.00	\$10,000.00	Chuck Britt and Associates Quote	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	Dielectric Quote 513317JKT Rev 3	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<b>\$155,175.00</b>	\$155,175.00	Dielectric Quote 513317JKT Rev 3	N/A	N/A
<b>Sub-total</b>	\$309,905.00	\$229,445.00	N/A	\$28,774.80	N/A
<b>Total for all systems</b>	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	N/A

## Components

Actual Information	
Description	File Name

Side mount brackets for high power antennas (if not included in antenna base cost)	<div> <b>Component Description:</b> KNVO-280-Side-mount Brackets New Interim Antenna         </div> <div> <b>Amount:</b> \$1,531.80         </div>
	<div> <b>Component Description:</b> KNVO-280-Side-mount Brackets New Interim Antenna         </div> <div> <b>Amount:</b> \$1,531.80         </div>
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<div> <b>Component Description:</b> Antenna - UHF side mount; Other standard TLP antenna side mount; Flexible transmission line; etc.         </div> <div> <b>Amount:</b> \$12,855.60         </div>
	<div> <b>Component Description:</b> Antenna - UHF side mount; Other standard TLP antenna side mount; Flexible transmission line; etc.         </div> <div> <b>Amount:</b> \$12,855.60         </div>
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	Information not provided.
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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	\$66,729.00	\$40,419.23		\$36,377.30	
Flexible Air Transmission Line - dielectric, 3"	\$66,729.00	\$40,419.23	Dielectric Quote 513481JKT Rev 1	\$36,377.30	N/A
Primary Transmission Line	\$327,990.00	\$208,624.50		\$0.00	
Rigid Transmission Line - copper, 7 3/16"	\$327,990.00	\$208,624.50	Dielectric Quote 513317JKT Rev 3 for upgraded line. Only seeking reimbursement for like for like quoted on 513317JKT Rev 1.	\$0.00	N/A
Sub-total	\$394,719.00	\$249,043.73	N/A	\$36,377.30	N/A
Total for all systems	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 3"	<table> <tr> <td data-bbox="699 87 1098 286"><b>Component Description:</b></td><td data-bbox="1098 87 1428 286">KNVO-380-New Interim Transmission Line</td></tr> <tr> <td data-bbox="699 286 1098 376"><b>Amount:</b></td><td data-bbox="1098 286 1428 376">\$18,188.65</td></tr> <tr> <td data-bbox="699 376 1098 577"><b>Component Description:</b></td><td data-bbox="1098 376 1428 577">KNVO-380-New Interim Transmission Line</td></tr> <tr> <td data-bbox="699 577 1098 645"><b>Amount:</b></td><td data-bbox="1098 577 1428 645">\$18,188.65</td></tr> </table>	<b>Component Description:</b>	KNVO-380-New Interim Transmission Line	<b>Amount:</b>	\$18,188.65	<b>Component Description:</b>	KNVO-380-New Interim Transmission Line	<b>Amount:</b>	\$18,188.65
<b>Component Description:</b>	KNVO-380-New Interim Transmission Line								
<b>Amount:</b>	\$18,188.65								
<b>Component Description:</b>	KNVO-380-New Interim Transmission Line								
<b>Amount:</b>	\$18,188.65								
Rigid Transmission Line - copper, 7 3/16"	Information not provided.								

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$669,800.00	\$696,000.00		\$28,879.01	
Tall Tower (greater than 500')	\$210,500.00	\$259,000.00	HC Jeffries Tower Rigging Quote	\$20,567.50	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	\$8,311.51	N/A
Structural Analysis	\$12,000.00	\$12,000.00	N/A	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Sub-total	\$669,800.00	\$696,000.00	N/A	\$28,879.01	N/A
Total for all systems	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<b>Component Description:</b> 50% upon acceptance. <b>Amount:</b> \$20,567.50
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b> Tower mapping and prep of docs necessary for tower load study <b>Amount:</b> \$5,541.01  <b>Component Description:</b> Tower mapping and prep of docs necessary for tower load study. <b>Amount:</b> \$2,770.50
Structural Analysis	<b>Component Description:</b> Broadcast tower structural analysis <b>Amount:</b> \$809.43
Major tower reinforcement /modifications	Information not provided.

## 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
<b>Outside Professional Services</b>	<b>\$185,296.00</b>	<b>\$175,550.00</b>		<b>\$52,044.55</b>	
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
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	\$48,607.05	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	\$1,062.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,375.00	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
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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

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 request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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
<b>Sub-total</b>	\$185,296.00	\$175,550.00	N/A	\$52,044.55	N/A
<b>Total for all systems</b>	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	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.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
Project management of the transition	

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,785.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,637.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,871.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,727.35

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,128.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,102.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,680.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,855.35

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,723.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,429.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,690.50

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,884.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,390.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,414.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,226.90

<b>Component Description:</b>	Project managment
<b>Amount:</b>	\$2,532.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,924.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,943.25

	<b>Component Description:</b> Project management <b>Amount:</b> \$971.95	
	<b>Component Description:</b> Project management <b>Amount:</b> \$148.20	
	<b>Component Description:</b> Project Management <b>Amount:</b> \$3,313.65	
	<b>Component Description:</b> Project management <b>Amount:</b> \$778.60	
	<b>Component Description:</b> Project Management <b>Amount:</b> \$1,448.05	
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	<b>Component Description:</b> Engineering study work for new channel assignment and antenna development  <b>Amount:</b> \$1,062.50	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Preparation of the engineering section of FCC Form 2100</p> <p>\$2,375.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
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 - Prepare and File request for Special Temporary Authorization	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	

## 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
<b>Other Expenses</b>	<b>\$85,080.00</b>	<b>\$84,515.00</b>		<b>\$0.00</b>	
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$85,080.00	\$84,515.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,921,306.99	\$4,276,337.60	N/A	\$546,967.18	N/A

## Components

Information not provided.



Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,921,306.99	\$4,276,337.60	\$546,967.18

Reimbursement Status	Question	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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Manuel Cavazos , III .</b>  <i>EVP - Director of Technology</i></p> <p>05/06/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Manuel Cavazos , III .</b>  <i>EVP - Director of Technology</i></p> <p>05/06/2019</p>

## Attachments