



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **74214** | Service: **DCA** | Call **WUTH-CD** | Channel: **47 (UHF)**  
ID:  
File **0000028353**  
Number:  
FRN: **0001529627** | Date **12/30**  
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.	No
Briefly describe transition plan	The plan is for WUTH-CD is to replace the existing Channel 47 system with a new Channel 22 antenna, new 1-5/8" 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
<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	UAX-2000
	Year	2013
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2.5 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	UAXTE-2R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.2 kW
	Justification for New Transmitter	New transmitter is necessary because the existing transmitter is not capable of being economically retuned as because doing so requires shipping the transmitter back to the manufacturer, see letter from Gates Air.

**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, WUTH-CD estimated the electrical work cost.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	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

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<b>Primary Transmitter</b>	<b>Other Transmitter Cost Not Listed</b> Information not provided.
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**Antennas**

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

## Primary Antenna

### 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
	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) .....	15.0 kW



Manufacturer	
Model	B4UD
Year	2001

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?	Yes
New Antenna Manufacturer and Types	Class	Class A
	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) .....	15.0 kW
	Manufacturer	

Model	TUL-C4SP-4 /7M-1-SM
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 22.

## 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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<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.

**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?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	240 feet per run

**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?	No
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	240 feet per run
	Justification for New Transmission Line	Buying new transmission line allows WUTH to install and power the new antenna on the new transmitter without disconnecting the old antenna, which would produce an extended period of time off-air.

Primary 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	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1206978
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	41° 42' 30.0" N-
	Longitude (NAD83)	072° 28' 32.0" W-
	Overall Structure Height	232.94 feet
	Support Structure Height	219.81 feet
	Ground Elevation Above Mean Sea Level (AMSL)	776.57 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	M&R Gassner Family III, LLC
	Date Constructed	12/03/1999

### Other Types of Users

#### Users

CRCOG

Lo-Jack

USA Mobility

Marcus Communic

CT Public Broad

Verizon

Sprint

### Primary Tower

### Tower Modification Costs

Section	Question	Response
<b>Engineering Study</b>	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

Primary  
Tower

Tower Rigging Costs

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

Primary  
Tower

Other Tower Expenses Not Listed

Name	Description
Structural Analysis	After the mapping is complete, a structural will be necessary.

**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	WUTH-CD does not have sufficient resource capacity and expertise inhouse to handle all of the reimbursement filing by the construction deadline for Phase 4 on August 2, 2019. WUTH-CD 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	No
	Quantity	N/A

	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	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
<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?	Yes
	Is Remediation needed?	Yes
<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	No
<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?	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

<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
Primary Transmitter UAXTE-2R37	\$146,000.00	\$88,438.01		\$43,087.41	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$68,438.01	Please see like-for-like GatesAir Quote Q-7405, including GatesAir change order Q-78768 and invoice US0324552 and Estimated Cost Justification WUTH-110-New 1st Primary Transmitter v0	\$36,182.41	N/A

Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, WUTH-CD estimated the electrical work cost.	<b>\$20,000.00</b>	\$20,000.00	N/A	\$6,905.00	N/A
<b>Sub-total</b>	\$146,000.00	\$88,438.01	N/A	\$43,087.41	N/A
<b>Total for all systems</b>	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

## Components

Actual Information	
Description	File Name
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<div> <b>Component Description:</b> Transmitter  <b>Amount:</b> \$570.64 </div> <div> <b>Component Description:</b> UAXTE-1 Transmitter per Quote Q-74057  <b>Amount:</b> \$35,611.77 </div> <div> <b>Component Description:</b> 50% Down payment for New Primary Transmitter  <b>Amount:</b> \$32,255.59 </div>

Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, WUTH-CD estimated the electrical work cost.

**Component Description:**

Ch 18 Tower Site  
/serv upg

**Amount:**

\$6,905.00

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
Primary Antenna TUL-C4SP- 4/7M-1-SM	\$33,030.00	\$58,134.60		\$18,283.82	
Sweep test of existing antenna	\$6,730.00	\$16,500.00	Based on Quote from Vendor	N/A	N/A
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$41,634.60	see Estimated Cost Justification WUTH-210- New Primary Antenna v0	\$18,283.82	N/A
Sub-total	\$33,030.00	\$58,134.60	N/A	\$18,283.82	N/A
Total for all systems	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

Components

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

UHF - Lower Power Side Mount, Class A One Station antenna -- basic	<b>Component Description:</b>	UHF - Low - Medium Power Side Mount
	<b>Amount:</b>	\$14,142.60
	<b>Component Description:</b>	UHF - Low - Medium Power Side Mount
	<b>Amount:</b>	\$3,142.80
	<b>Component Description:</b>	UHF - Low - Medium Power Side Mount
	<b>Amount:</b>	\$14,142.60
	<b>Component Description:</b>	Other - freight, shipping, and handling PAF van delivery
	<b>Amount:</b>	\$4,141.22

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
Primary Transmission Line	\$7,920.00	\$10,402.00		\$3,117.87	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$7,920.00	\$10,402.00	Based on quote from Manufacturer	\$3,117.87	N/A
Sub-total	\$7,920.00	\$10,402.00	N/A	\$3,117.87	N/A
Total for all systems	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission  
Line - dielectric, 1 5/8"

**Component Description:**

WUTH-310-New  
Primary  
Transmission Line

**Amount:**

\$2,411.59

**Component Description:**

WUTH-310-New  
Primary  
Transmission Line

**Amount:**

\$535.90

**Component Description:**

Transmission Line

**Amount:**

\$2,411.59

**Component Description:**

WUTH-310-New  
Primary  
Transmission Line

**Amount:**

\$706.28

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	\$543,500.00	\$590,885.00		\$363,702.60	
Short Tower (less than 500')	\$84,200.00	\$153,885.00	Per HC Jeffries Proposals 061917JS3 and 062817JS10 for Primary and Interim Antenna Installation	\$133,892.49	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$213,999.99	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	\$13,324.01	N/A
Structural Analysis	<i>\$12,000.00</i>	\$12,000.00	N/A	\$2,486.11	N/A
Sub-total	\$543,500.00	\$590,885.00	N/A	\$363,702.60	N/A
Total for all systems	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

Components



Actual Information		
Description	File Name	
Short Tower (less than 500')	<b>Component Description:</b>	For Station WUTH
	<b>Amount:</b>	\$37,966.66
	<b>Component Description:</b>	"For Station WUTH Facility ID 74214 : Per Proposal#062817JS10, 50% upon acceptance. Total contract price \$39,985.00"
	<b>Amount:</b>	\$19,992.50
	<b>Component Description:</b>	For Station WUTH, Facility ID 74214 : Per Proposal#061917JS3, Balance due upon completion.
	<b>Amount:</b>	\$75,933.33
Major tower reinforcement /modifications	<b>Component Description:</b>	For Station WUTH, 1/3 upon acceptance
	<b>Amount:</b>	\$71,333.33
	<b>Component Description:</b>	For Station WUTH, Facility ID 74214 : Per Proposal#0622171, 1/3 upon arrival and commencement of work.
	<b>Amount:</b>	\$71,333.33
	<b>Component Description:</b>	For Station WUTH, Facility ID 74214 : Per Proposal#0622171
	<b>Amount:</b>	\$71,333.33

<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<table> <tr> <td data-bbox="647 87 1070 280"> <p><b>Component Description:</b></p> </td><td data-bbox="1070 87 1426 280"> <p>Tower mapping and prep of doc necessary for tower load study</p> </td></tr> <tr> <td data-bbox="647 280 1070 360"> <p><b>Amount:</b></p> </td><td data-bbox="1070 280 1426 360"> <p>\$13,324.01</p> </td></tr> <tr> <td data-bbox="647 360 1070 553"> <p><b>Component Description:</b></p> </td><td data-bbox="1070 360 1426 553"> <p>Smith Broadcast Installation Group</p> </td></tr> <tr> <td data-bbox="647 553 1070 607"> <p><b>Amount:</b></p> </td><td data-bbox="1070 553 1426 607"> <p>\$949.12</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Tower mapping and prep of doc necessary for tower load study</p>	<p><b>Amount:</b></p>	<p>\$13,324.01</p>	<p><b>Component Description:</b></p>	<p>Smith Broadcast Installation Group</p>	<p><b>Amount:</b></p>	<p>\$949.12</p>
<p><b>Component Description:</b></p>	<p>Tower mapping and prep of doc necessary for tower load study</p>								
<p><b>Amount:</b></p>	<p>\$13,324.01</p>								
<p><b>Component Description:</b></p>	<p>Smith Broadcast Installation Group</p>								
<p><b>Amount:</b></p>	<p>\$949.12</p>								
<p>Structural Analysis</p>	<table> <tr> <td data-bbox="647 607 1070 763"> <p><b>Component Description:</b></p> </td><td data-bbox="1070 607 1426 763"> <p>Broadcast tower structural analysis</p> </td></tr> <tr> <td data-bbox="647 763 1070 857"> <p><b>Amount:</b></p> </td><td data-bbox="1070 763 1426 857"> <p>\$2,486.11</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Broadcast tower structural analysis</p>	<p><b>Amount:</b></p>	<p>\$2,486.11</p>				
<p><b>Component Description:</b></p>	<p>Broadcast tower structural analysis</p>								
<p><b>Amount:</b></p>	<p>\$2,486.11</p>								

## 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>\$179,566.00</b>	<b>\$171,050.00</b>		<b>\$84,853.00</b>	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$0.00	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	\$250.00	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,500.00	Change to Dielectric antenna caused RF Engineer to make changes for Form 2100 filing, incurring additional costs. See attached invoice.	\$3,500.00	N/A
Project management of the transition	\$112,496.00	\$106,800.00	N/A	\$80,665.50	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

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$179,566.00	\$171,050.00	N/A	\$84,853.00	N/A
<b>Total for all systems</b>	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

## Components

Actual Information	
Description	File Name
RF Exposure Measurements	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b> Prepare Ch. Share Application <b>Amount:</b> \$250.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> Prepare the technical portion of the application for a license to cover CP, LMS File No. 0000034459 <b>Amount:</b> \$250.00

<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="703 100 1114 622"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 100 1426 622"> <p>Prepare the technical portion of a modification of WUTH-CD channel share application for license to reflect us of channel 22 CP</p> </td></tr> <tr> <td data-bbox="703 533 1114 622"> <p><b>Amount:</b></p> </td><td data-bbox="1114 533 1426 622"> <p>\$250.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Prepare the technical portion of a modification of WUTH-CD channel share application for license to reflect us of channel 22 CP</p>	<p><b>Amount:</b></p>	<p>\$250.00</p>								
<p><b>Component Description:</b></p>	<p>Prepare the technical portion of a modification of WUTH-CD channel share application for license to reflect us of channel 22 CP</p>												
<p><b>Amount:</b></p>	<p>\$250.00</p>												
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="703 629 1114 981"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 629 1426 981"> <p>Preparation of the engineering section of FCC Form 2100</p> </td></tr> <tr> <td data-bbox="703 869 1114 981"> <p><b>Amount:</b></p> </td><td data-bbox="1114 869 1426 981"> <p>\$2,250.00</p> </td></tr> <tr> <td data-bbox="703 987 1114 1256"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 987 1426 1256"> <p>Preparing of engineering section of FCC Form 2100</p> </td></tr> <tr> <td data-bbox="703 1144 1114 1256"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1144 1426 1256"> <p>\$1,250.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Preparation of the engineering section of FCC Form 2100</p>	<p><b>Amount:</b></p>	<p>\$2,250.00</p>	<p><b>Component Description:</b></p>	<p>Preparing of engineering section of FCC Form 2100</p>	<p><b>Amount:</b></p>	<p>\$1,250.00</p>				
<p><b>Component Description:</b></p>	<p>Preparation of the engineering section of FCC Form 2100</p>												
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<p><b>Amount:</b></p>	<p>\$1,250.00</p>												
<p>Project management of the transition</p>	<table> <tr> <td data-bbox="703 1263 1114 1518"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 1263 1426 1518"> <p>Project Management</p> </td></tr> <tr> <td data-bbox="703 1406 1114 1518"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1406 1426 1518"> <p>\$1,971.60</p> </td></tr> <tr> <td data-bbox="703 1525 1114 1742"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 1525 1426 1742"> <p>Project management</p> </td></tr> <tr> <td data-bbox="703 1630 1114 1742"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1630 1426 1742"> <p>\$148.20</p> </td></tr> <tr> <td data-bbox="703 1749 1114 2136"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 1749 1426 2136"> <p>Project management</p> </td></tr> <tr> <td data-bbox="703 1854 1114 2136"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1854 1426 2136"> <p>\$971.95</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Project Management</p>	<p><b>Amount:</b></p>	<p>\$1,971.60</p>	<p><b>Component Description:</b></p>	<p>Project management</p>	<p><b>Amount:</b></p>	<p>\$148.20</p>	<p><b>Component Description:</b></p>	<p>Project management</p>	<p><b>Amount:</b></p>	<p>\$971.95</p>
<p><b>Component Description:</b></p>	<p>Project Management</p>												
<p><b>Amount:</b></p>	<p>\$1,971.60</p>												
<p><b>Component Description:</b></p>	<p>Project management</p>												
<p><b>Amount:</b></p>	<p>\$148.20</p>												
<p><b>Component Description:</b></p>	<p>Project management</p>												
<p><b>Amount:</b></p>	<p>\$971.95</p>												

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,289.85

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,958.25

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,423.35

<b>Component Description:</b>	Project management of transition
<b>Amount:</b>	\$2,082.95

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,193.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,036.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,161.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,574.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,197.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,756.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,055.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,402.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,301.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,005.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,905.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,291.70

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$3,540.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,820.75



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,028.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,881.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,439.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,350.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,675.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,821.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,305.65

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$778.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,422.65

	<div> <div><b>Component Description:</b></div> <div>Project Management</div> <div><b>Amount:</b></div> <div>\$1,784.10</div> </div>
	<div> <div><b>Component Description:</b></div> <div>Project management</div> <div><b>Amount:</b></div> <div>\$1,090.65</div> </div>
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	<div> <div><b>Component Description:</b></div> <div>Engineering study work for new channel assignment and antenna development</div> <div><b>Amount:</b></div> <div>\$437.50</div> </div>
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>\$87,075.00</b>	<b>\$85,075.00</b>		<b>\$0.00</b>	
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
AM Pattern Disturbance -- Impact study	\$7,890.00	\$7,500.00	N/A	N/A	N/A
AM Pattern Disturbance -- Remedy	\$21,050.00	\$20,000.00	N/A	N/A	N/A
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
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
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	<b>\$13,000.00</b>	\$13,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<b>\$750.00</b>	\$750.00	N/A	N/A	N/A
<b>Sub-total</b>	\$87,075.00	\$85,075.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$997,091.00	\$1,003,984.61	N/A	\$513,294.70	N/A

### Components

Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$997,091.00	\$1,003,984.61
			\$513,294.70

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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

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>12/30/2019</p>



Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 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 acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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 above-named applicant for the Authorization(s) specified above.

**Manuel  
Cavazos ,  
III .**  
*EVP -  
Director of  
Technology*

12/30/2019

## Attachments