Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **24514** | Service: **DTV** | Call Sign: **KTFD-TV** | Channel: **28 (UHF)**

File Number: **0000058233**

FRN: **0001529627** | Date Submitted: **08/15/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ENTRAVISION HOLDINGS, LLC	Jeffery A. Liberman 5700 Wilshire Blvd. Los Angeles, CA 90036 United States	+1 (323) 900-6393	jliberman@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
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.	No
Briefly describe transition plan	The plan is for KTFD is to replace the existing channel 26 system with a new channel 28 antenna, new 4-1/16 line and retune existing transmitters. KTFD will need to use an interim antenna and line on an interim tower white replacing the primary antenna.

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	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	Gates Air

	Model	ULXT-40AT
	Year	2014
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.5 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	Other
	Other Power	25 kW
New Exciter	Is a new exciter needed?	No

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	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No

	Type	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

Information not provided.

Primary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	Gates Air
	Model	ULXT-40AT
	Year	2014

	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.5 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	Other
	Other Power	25 kW
New Exciter	Is a new exciter needed?	No

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	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	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

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
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	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)	549.0 kW

Manufacturer	
Model	ATW25H5-HSC1-26H
Year	2014

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	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)	400.0 kW
	Manufacturer	

Model	TFU-29JSC /VP-R C150
Year	2018
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 28.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	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
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

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	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)	55.4 kW
	Manufacturer	
	Model	TLP-8M/VP-R
	Year	2018

	Justification for New Antenna	Interim antenna needed to stay on-air while main-antenna is changed out. Interim antenna will be mounted on a different, interim, tower.

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 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
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	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	240 feet per run

Primary Transmission Line

New Transmission Line

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
	Type	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	240 feet per run
	Justification for New Transmission Line	New transmission line is necessary because the new channel requires transmission line segments of a different length.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	250 feet per run
	Justification for New Transmission Line	Interim transmission line is necessary to allow the first retuned transmitter to power the interim antenna. Interim transmission linewill be mounted on a different, interim, tower.

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	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)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1044149
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	39° 43' 58.0" N-
	Longitude (NAD83)	105° 14' 10.0" W-
	Overall Structure Height	450.13 feet
	Support Structure Height	450.13 feet
	Ground Elevation Above Mean Sea Level (AMSL)	7278.78 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	KWGN, LLC
Date Constructed	01/01/1971

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
59601	KALC	FM
29739	KWBL	FM

Other Types of Users

Users
Two-Way paging

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Structural Analysis	Structural Analysis completed after tower mapping

Auxiliary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1044150
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	39° 43' 57.9" N-
	Longitude (NAD83)	105° 14' 08.9" W-
	Overall Structure Height	197.83 feet
	Support Structure Height	197.83 feet
	Ground Elevation Above Mean Sea Level (AMSL)	7266.97 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	KWGN Inc., Debtor-In-Possession
Date Constructed	01/01/1952

Auxiliary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Auxiliary Tower

Tower Rigging Costs

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

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description
Remove Batwing antenna	KTFD will need to remove the existing Batwing antenna from the tower.
Structural Analysis	Structural Analysis completed after tower mapping

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	712
	Explanation	KTFD does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the Construction Deadline of April 12, 2019. KTFD 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	Yes
	Quantity	1

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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
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

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Attorney Channel 28	Attorney Fees associated with Securing access to Channel 28
Engineering Channel 28	Engineering Fees associated with Securing access to Channel 28

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	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?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXT-40AT	**$134,617.76**	**$46,679.56**		**$0.00**	
UHF and VHF - minor banding issues	$105,200.00	$17,261.80	N/A	N/A	N/A
Other 25 kW mask filter	***$29,417.76***	$29,417.76	N/A	$0.00	N/A
Primary Transmitter ULXT-40AT	**$134,617.76**	**$46,679.56**		**$2,760.00**	
Other 25 kW mask filter	***$29,417.76***	$29,417.76	N/A	$0.00	N/A
UHF and VHF - minor banding issues	$105,200.00	$17,261.80	N/A	$2,760.00	N/A
Sub-total	$269,235.52	$93,359.12	N/A	$2,760.00	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name
UHF and VHF - minor banding issues	Information not provided.

Other 25 kW mask filter	Information not provided.
Other 25 kW mask filter	Information not provided.
UHF and VHF - minor banding issues	**Component Description:** KTFD-110-1st Primary Transmitter - Retune Existing Transmitter, Minor Banding Issues (Fabricate Tuning Section/Network Analyzer) **Amount:** $2,760.00

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 TLP-8M/VP-R	**$132,980.00**	**$53,022.67**		**$26,876.24**	
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	$4,053.57	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	$103,100.00	$21,022.67	Please see attached Dielectric quote 513422JKT Rev2, see Justifying Invoice Dielectric 321012 shipping	$21,022.67	N/A
Sweep test of existing antenna	$6,730.00	$10,000.00	See attached Chuck Britt Quote	$1,800.00	N/A
Primary Antenna TFU-29JSC /VP-R C150	**$256,880.00**	**$226,807.00**		**$92,838.91**	

Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	$15,402.01	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	$227,000.00	$194,807.00	N/A	$77,436.90	N/A
Sweep test of existing antenna	$6,730.00	$10,000.00	See attached Chuck Britt Quote	N/A	N/A
Sub-total	$389,860.00	$279,829.67	N/A	$119,715.15	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name

Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:** **Amount:** **Component Description:** **Amount:**	KTFD-280-Interim Antenna - Side Mount Brackets for High Power Antenna $1,703.00 KTFD-280-Interim Antenna - Side Mount Brackets for High Power Antenna $2,350.57
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	**Component Description:** **Amount:**	UHF Low-Medium Power Side Mount, VPOL Components, Flexible transmission line, Standard mounts for antenna, Freight, etc. $21,022.67
Sweep test of existing antenna	**Component Description:** **Amount:**	KTFD-280-Interim Antenna - Sweep Test $1,800.00

Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:**	Remove and replace existing antenna, Additional charge for tuning filter, fabricate 4 cut pieces, network analyzer and antenna mounting brackets
	Amount:	$5,614.51
	Component Description:	Side Mount
	Amount:	$9,787.50
	Component Description:	KTFD-210-Primary Antenna - Side Mount Brackets for High Power Antenna
	Amount:	$14.75
	Component Description:	KTFD-210-Primary Antenna - Side Mount Brackets for High Power Antenna
	Amount:	$41.32

UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	**Component Description:** **Amount:**	Antenna- UHF Side Mount $77,436.90
	Component Description: **Amount:**	Freight, shipping, and handling $132.23
	Component Description: **Amount:**	Freight, shipping, and handling $370.12
Sweep test of existing antenna	Information not provided.	

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$8,250.00**	**$7,463.50**		**$7,463.50**	
Flexible Air Transmission Line - dielectric, 1 5 /8"	$8,250.00	$7,463.50	See Justifying Invoice Dielectric 321012 shipping	$7,463.50	N/A
Primary Transmission Line	**$34,080.00**	**$39,147.66**		**$28,130.64**	
Rigid Transmission Line - copper, 4 1 /16"	$34,080.00	$39,147.66	See Quote 170036BSM, See invoices Dielectric, LLC 331007, 338003, 345011, 348002	$28,130.64	N/A
Sub-total	$42,330.00	$46,611.16	N/A	$35,594.14	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name
Flexible Air Transmission Line - dielectric, 1 5/8"	**Component Description:** KTFD-380-Interim Transmission Line **Amount:** $7,463.50
Rigid Transmission Line -	

copper, 4 1/16"

Component Description:	CONN STD ANCHOR 4-50 "QS
Amount:	$292.50
Component Description:	FREIGHT, SHIPPING, AND HANDLING LINE 33, UPS 2nd DAY AIR
Amount:	$274.10
Component Description:	Reducer; Other - freight, shipping, and handling
Amount:	$1,155.62
Component Description:	ELBOW 4-50 DIGIT 7 X 14 "QS
Amount:	$1,358.00
Component Description:	CONN STD ANCHOR 4-50 "QS; ELBOW 4-50 EIA 6.00 X 12.00 CU REI; FREIGHT, SHIPPING, AND HANDLING
Amount:	$1,527.74
Component Description:	New Transmission Line
Amount:	$15,666.21
Component Description:	KTFD-310-Primary Transmission Line
Amount:	$7,856.47

Component Description:	KTFD-310-Primary Transmission Line
Amount:	$66.14
Component Description:	KTFD-310-Primary Transmission Line
Amount:	$23.63

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Auxiliary Tower TOWER	**$349,485.00**	**$335,985.00**		**$0.00**	
Remove Batwing antenna	***$68,985.00***	$68,985.00	N/A	N/A	N/A
Structural Analysis	***$12,000.00***	$12,000.00	N/A	N/A	N/A
Short Tower (less than 500')	$84,200.00	$80,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	$158,000.00	$150,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	$26,300.00	$25,000.00	N/A	N/A	N/A
Primary Tower TOWER	**$1,174,500.00**	**$1,863,257.00**		**$201,230.16**	

Short Tower (less than 500')	$84,200.00	$190,757.00	Estimated Cost Justification KTFD-410-Existing Primary Tower - Short Tower - Tower Rigging and Equipment v0	$190,757.00	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	$10,126.26	N/A
Serious tower reinforcement /modifications	$1,052,000.00	$1,635,500.00	See attached proposal from H.C. Jeffries	N/A	N/A
Structural Analysis	***$12,000.00***	$12,000.00	N/A	$346.90	N/A
Sub-total	$1,523,985.00	$2,199,242.00	N/A	$201,230.16	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name
Remove Batwing antenna	Information not provided.
Structural Analysis	Information not provided.

Short Tower (less than 500')	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Short Tower (less than 500')	**Component Description:** **Amount:**	Installation of Interim Antenna. $39,857.00
	Component Description: **Amount:**	KTFD-410-Existing Primary Tower - Short Tower - Tower Rigging and Equipment $150,900.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	**Component Description:** **Amount:**	Tower Mapping, Existing Primary Tower $10,126.26
Serious tower reinforcement /modifications	Information not provided.	
Structural Analysis	**Component Description:** **Amount:**	Structural Analysis, Existing Primary Tower $346.90

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	**$215,296.00**	**$205,550.00**		**$98,624.00**	
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
NEPA Section 106 environmental review, if needed	$6,310.00	$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	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	$6,562.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$0.00	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
Project management of the transition	$112,496.00	$106,800.00	N/A	$70,311.50	N/A
RF Exposure Measurements	$21,050.00	$20,000.00	N/A	$8,500.00	N/A
Attorney Channel 28	***$15,000.00***	$15,000.00	N/A	N/A	N/A
Engineering Channel 28	***$15,000.00***	$15,000.00	N/A	$13,250.00	N/A
Sub-total	$215,296.00	$205,550.00	N/A	$98,624.00	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	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:** Engineering Study for New Channel Assignment **Amount:** $1,062.50 **Component Description:** Engineering Study for New Channel Assignment **Amount:** $1,375.00 **Component Description:** Engineering Study for New Channel Assignment **Amount:** $4,125.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Project management of the transition	

Component Description: Project Management
Amount: $4,148.15

Component Description: Project Management
Amount: $2,723.25

Component Description: Project Management
Amount: $1,608.80

Component Description: Project Management
Amount: $2,068.70

Component Description: Project Management
Amount: $2,439.90

Component Description: Project Management
Amount: $4,250.45

Component Description: Project Management
Amount: $6,015.35

Component Description: Project Management
Amount: $3,081.25

Component Description: Project Management
Amount: $4,004.35

Component Description: Project Management
Amount: $971.95

Component Description: Project Management
Amount: $2,095.35

Component Description: Project Management
Amount: $1,675.35

Component Description: Project Management
Amount: $778.60

Component Description: Project Management
Amount: $1,764.20

Component Description: Project Management
Amount: $1,952.35

Component Description: Project Management
Amount: $1,680.05

Component Description: Project Management
Amount: $1,734.85

Component Description: Project Management
Amount: $1,490.65

Component Description: Project Management
Amount: $3,813.25

Component Description: Project Management
Amount: $148.20

Component Description: Project Management
Amount: $3,164.40

Component Description: Project Management
Amount: $3,296.60

Component Description: Project management
Amount: $3,615.40

Component Description: Project Management
Amount: $2,065.50

Component Description: Project Management
Amount: $2,575.75

Component Description: Project Management
Amount: $3,003.80

Component Description: Project Management
Amount: $1,104.60

	Component Description: **Amount:**	Project Management $3,040.45
RF Exposure Measurements	**Component Description:** **Amount:**	Engineering Field Services by Chuck Britt & Associates, Inc $8,500.00
Attorney Channel 28	Information not provided.	

Engineering Channel 28	**Component Description:**	Prepare the technical portion of From 2100 to change from channel 14 to channel 28
	Amount:	$2,000.00
	Component Description:	Prepare the technical portion of From 2100 to change from channel 14 to channel 28
	Amount:	$3,250.00
	Component Description:	Prepare the technical portion of From 2100 to change from channel 14 to channel 28
	Amount:	$1,125.00
	Component Description:	Study co-location with KTFD-DT as suggested by FCC
	Amount:	$1,875.00
	Component Description:	Prepare the technical portion of From 2100 to change from channel 14 to channel 28
	Amount:	$5,000.00

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$110,330.00**	**$109,765.00**		**$16,949.52**	
MVPD Notification of Channel Change	***$750.00***	$750.00	N/A	$0.00	N/A
Develop and air announcement of upcoming channel change	***$15,000.00***	$15,000.00	N/A	N/A	N/A
Equipment Storage	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	N/A	$16,949.52	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$25,000.00***	$25,000.00	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

FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
Local Zoning	***$5,000.00***	$5,000.00	N/A	$0.00	N/A
Non-zoning permits	***$2,500.00***	$2,500.00	N/A	N/A	N/A
Sub-total	$110,330.00	$109,765.00	N/A	$16,949.52	N/A
Total for all systems	$2,551,036.52	$2,934,356.95	N/A	$474,872.97	N/A

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	**Component Description:** FREIGHT, SHIPPING, AND HANDLING PAF VAN DELIVERY **Amount:** $3,847.50 **Component Description:** FREIGHT, SHIPPING, AND HANDLING CHAPMAN 58' STRETCH TRAILER DELIVERY **Amount:** $13,102.02

Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.
Non-zoning permits	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,551,036.52	$2,934,356.95	$474,872.97

Reimbursement Status

Question	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

Certification

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 above-named applicant for the Authorization(s) specified above.	**Manuel Cavazos , III .** *EVP - Director of Technology* 08/15/2019

Certification

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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. 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 above-named applicant for the Authorization(s) specified above.	**Manuel Cavazos , III .** *EVP - Director of Technology* 08/15/2019

Certification

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 above-named 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 above-named applicant for the Authorization(s) specified above.	**Manuel Cavazos , III .** *EVP - Director of Engineering* 08/15/2019

Attachments