



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **35512** | Service: **DTV** | Call **KTFF-DT** | Channel: **23 (UHF)** |  
ID: | Sign:  
File **000028138**  
Number:  
FRN: **0008192593** | Date **02/22**  
Submitted: **/2021**

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

Applicant	Address	Phone	Email	Applicant Type
<b>UNIMAS FRESNO LLC</b> Doing Business As: UNIMAS FRESNO LLC	CHRISTOPHER G. WOOD 5999 CENTER DRIVE LOS ANGELES, CA 90045 United States	+1 (619) 576-2455	CWOOD@UNIVISION.NET	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>Theodore Stoner</b> <i>VP Distribution Technology Univision Management Company</i>	Theodore Stoner 9405 NW 41st Street Miami, FL 33178 United States	+1 (513) 608-0308	tstoner@univision.net

**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	Install new antenna in ex-analog aperture; install new transmitter & mask filter and modify electrical facilities in existing building; remove channel 48 DTV antenna & transmitter. See attached Implementation Plan document for more information.

**Transmitters**

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	DHD60P2
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	14 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	THU9-8evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Amplifiers of existing transmitter are incapable of operation below channel 40, have been discontinued by the manufacturer, and replacements are not otherwise available. See attached Antenna & Transmitter Analysis document for selection justification.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
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<b>Electrical Service</b>	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	Modification of electrical power distribution system to provide power to new transmitter
<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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Internal Transmission Line</b>	Internal transmission line expenses
<b>Primary Transmitter Installation</b>	Primary Transmitter Installation required for repack
<b>Primary Transmitter - Other Parts</b>	Other parts necessary for transmitter to operate

**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?	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
<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) .....	197.0 kW



Manufacturer	
Model	TFU- 10DSC C170
Year	2000

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top 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) .....	330.0 kW
	Manufacturer	

Model	TFU-20DSB /VP-M-R
Year	2018
Justification for New Antenna	Existing (channel 48) antenna not capable of operation on newly assigned channel

**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?	Broadband
	Feed Line Size	4 1/16 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
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**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	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	120 feet per run

**Primary  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<p><b>New Transmission Line Costs</b></p>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	150 feet per run
	Justification for New Transmission Line	<p>KTFF must install second line to support testing and commissioning of post auction antenna using a second aperture on the existing tower. A dormant analog line was intended for this purpose but was corroded and not suitable for reuse per attached report.</p>

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission**      information not provided.  
**Line**



**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?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1065031
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 17' 14.0" N-
	Longitude (NAD83)	118° 50' 20.0" W-
	Overall Structure Height	128.94 feet
	Support Structure Height	75.13 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5715.81 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Falcon Cable Systems Company II, LP
Date Constructed	10/27/1998

**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:	Minor Reinforcements needed

**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>Post Installation Inspection Fee</b>	Post Installation Inspection Fee

**Outside Professional Services Costs**

Section	Question	Response
<p><b>Outside Project Management Services</b></p>	<p>Do you require outside project management services?</p>	<p>Yes</p>
	<p>Number of Hours</p>	<p>1115</p>
	<p>Explanation</p>	<p>Univision stations are only staffed for daily station operations and minor equipment changes, major projects are contracted out externally. The large volume of work associated with repack schedule requires using external project management resources.</p>
<p><b>Outside RF consulting Engineering Services</b></p>	<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC Construction Permit Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC License to Cover Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>

	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	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
Address transition timing and coordination issues w/ other stations and wireless providers	Yes	
<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

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
Information not provided.

**Other Expenses**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	No
	Non-zoning permits	No
	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?	No
	Does this relocation require MVPD Notification of a Channel Change?	No

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
Lease Amendment Application Fee	Lease application fee
Structural Analysis	Structural Analysis fee

**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 THU9-8evo</b>	<b>\$520,004.37</b>	<b>\$400,504.37</b>		<b>\$316,000.21</b>	
Internal Transmission Line	<i>\$1,306.05</i>	\$1,306.05	Please see KTFF-DT-110-1st Primary Transmitter - Internal Transmission Line Revision Justification Cover Letter	\$1,306.05	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$375,000.00	N/A	\$303,395.84	N/A
Primary Transmitter - Other Parts	<i>\$9,500.00</i>	\$9,500.00	Please see Beckman Tower quote 200506	\$9,500.00	N/A
Primary Transmitter Installation	<i>\$1,798.32</i>	\$1,798.32	Please see KTFF-DT Primary Transmitter - Installation Budget Revision Justification Letter	\$1,798.32	N/A



Other Electrical Service: Modification of electrical power distribution system to provide power to new transmitter	\$12,900.00	\$12,900.00	See attached quote for electrical installation of same transmitter at KUVS-DT, Modesto, CA	\$0.00	N/A
<b>Sub-total</b>	\$520,004.37	\$400,504.37	N/A	\$316,000.21	N/A
<b>Total for all systems</b>	\$1,485,122.37	\$970,747.51	N/A	\$840,135.73	N/A

### Components

Actual Information	
Description	File Name
Internal Transmission Line	<p><b>Component Description:</b> Unflanged Line Section</p> <p><b>Amount:</b> \$1,306.05</p>
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<p><b>Component Description:</b> New transmitter electrical as proposed</p> <p><b>Amount:</b> \$19,495.00</p> <p><b>Component Description:</b> 30% Down Payment on Transmitter Installation Services, tax</p> <p><b>Amount:</b> \$14,243.48</p>

**Component Description:** DP Final Payment on PO #49995, KTFF transmitter installation planning and site survey

**Amount:** \$8,099.62

**Component Description:** Broadcasters General

**Amount:** \$2,888.46

**Component Description:** 30% of THU9-6 EVO 9.8 kW (ATSC Total Package)

**Amount:** \$65,871.00

**Component Description:** Invoice moved to correct budget category.

**Amount:** N/A

**Component Description:** 30% of \$219,570 and \$1,000 Downpayment- THU9-6 EVO 9.8 kW

**Amount:** \$66,871.00

**Component Description:** 30% of \$32,430 Down payment- KTFF transmitter installation planning & site survey. The other 50% is for KUVI.

**Amount:** \$4,864.50

	<p><b>Component Description:</b> KTFF/KUVI Split Invoice- See cover sheet</p> <p><b>Amount:</b> \$4,864.50</p> <p><b>Component Description:</b> Transmission installation services</p> <p><b>Amount:</b> \$93,466.89</p> <p><b>Component Description:</b> DP 35% Factory Acceptance Charge PO# Line 1, 13 kW UHF DTV Transmitter</p> <p><b>Amount:</b> \$93,466.89</p> <p><b>Component Description:</b> N/A</p> <p><b>Amount:</b> N/A</p>
<p>Primary Transmitter - Other Parts</p>	<p><b>Component Description:</b> Design and Build a Snow dam</p> <p><b>Amount:</b> \$9,500.00</p>
<p>Primary Transmitter Installation</p>	<p><b>Component Description:</b> Disassemble and remove Diamond Transmitter RF Plumbing.</p> <p><b>Amount:</b> \$1,778.00</p> <p><b>Component Description:</b> Travel</p> <p><b>Amount:</b> \$20.32</p>
<p>Other Electrical Service: Modification of electrical power distribution system to provide power to new transmitter</p>	<p>Information not provided.</p>

**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>Primary Antenna TFU-20DSB /VP-M-R</b>	<b>\$330,330.00</b>	<b>\$74,858.68</b>		<b>\$61,212.18</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$7,867.68	see Estimated Cost Justification KTFE-DT-210-Primary Antenna - Elbow Complex V0	\$7,867.68	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,500.00	Brackets for "comparable" TFU-8DSB-M-R antenna, per Dielectric quote in attached Antenna & Transmitter Info document.	\$6,304.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$53,091.00	"Comparable" TFU-8DSB-M-R antenna \$33,283, input transformer \$4,676, plus 8.25% sales /use tax & \$9,300 estimated shipping. See attached Antenna & Transmitter Info document, which includes Dielectric quote.	\$40,640.50	N/A
<b>Sub-total</b>	\$330,330.00	\$74,858.68	N/A	\$61,212.18	N/A
<b>Total for all systems</b>	\$1,485,122.37	\$970,747.51	N/A	\$840,135.73	N/A

### Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p><b>Component Description:</b> SWEEP INCLUDES ONE FIELD ENGINEER ON-SITE FOR ONE DAY, TRAVEL, EXPENSES AND REPORT</p> <p><b>Amount:</b> \$6,400.00</p>

<p>Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)</p>	<p><b>Component Description:</b></p>	<p>MYAT 3 1/8" UNFLANGED 90deg ELBOW/</p>
	<p><b>Amount:</b></p>	<p>\$809.68</p>
	<p><b>Component Description:</b></p>	<p>Other, Elbow complex kit for 4-1/16' 50 OHM line</p>
	<p><b>Amount:</b></p>	<p>\$7,058.00</p>
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p><b>Component Description:</b></p>	<p>KTFF-DT-210-Primary Antenna - Side Mount Brackets for High Power Antenna</p>
	<p><b>Amount:</b></p>	<p>\$6,304.00</p>
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<p><b>Component Description:</b></p>	<p>UHF side mount one station horizontally polarized antenna</p>
	<p><b>Amount:</b></p>	<p>\$40,640.50</p>

**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
<b>Primary Transmission Line</b>	<b>\$15,750.00</b>	<b>\$39,895.16</b>		<b>\$35,438.70</b>	
Flexible Air Transmission Line - dielectric, 5"	\$15,750.00	\$39,895.16	Per Estimated Cost Justification KTFF-DT-310-Primary Transmission Line v0	\$35,438.70	N/A
<b>Sub-total</b>	<b>\$15,750.00</b>	<b>\$39,895.16</b>	N/A	<b>\$35,438.70</b>	N/A
<b>Total for all systems</b>	<b>\$1,485,122.37</b>	<b>\$970,747.51</b>	N/A	<b>\$840,135.73</b>	N/A

**Components**

Actual Information	
Description	File Name

Flexible Air Transmission  
Line - dielectric, 5"

**Component Description:** Invoice moved per  
FCC NMI notice  
**Amount:** N/A

**Component Description:** T/L Tuner indoor  
use 3-50 14-37  
**Amount:** \$1,640.25

**Component Description:** Freight, shipping,  
and handling  
**Amount:** \$1,685.49

**Component Description:** FOR ANTENNA  
INPUT TO  
INCLUDE:  
**Amount:** \$7,834.92

**Component Description:** TRANSMISSION  
LINE RIGID -  
COPPER  
**Amount:** \$1,223.00

**Component Description:** KTFF-DT-310-  
Primary  
Transmission Line  
**Amount:** \$23,055.04

**Component Description:** Invoice moved per  
NMI notice  
**Amount:** N/A



**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
<b>Primary Tower TOWER</b>	<b>\$270,000.00</b>	<b>\$169,900.00</b>		<b>\$160,387.50</b>	
Minor tower reinforcement /modifications	\$158,000.00	\$50,000.00	N/A	\$48,487.50	N/A
Post Installation Inspection Fee	<i>\$1,500.00</i>	\$1,500.00	Per KGI Invoice CHTR50957	\$1,500.00	N/A
Short Tower (less than 500')	\$84,200.00	\$98,400.00	See Beckman Tower invoice #181120	\$98,400.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$20,000.00	N/A	\$12,000.00	N/A
<b>Sub-total</b>	<b>\$270,000.00</b>	<b>\$169,900.00</b>	N/A	<b>\$160,387.50</b>	N/A
<b>Total for all systems</b>	<b>\$1,485,122.37</b>	<b>\$970,747.51</b>	N/A	<b>\$840,135.73</b>	N/A

**Components**

Actual Information Description	File Name
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<p>Minor tower reinforcement /modifications</p>	<p><b>Component Description:</b> Mast and Tower Reinforcement</p> <p><b>Amount:</b> \$48,487.50</p>
<p>Post Installation Inspection Fee</p>	<p><b>Component Description:</b> Post Installation Inspection Fee</p> <p><b>Amount:</b> \$1,500.00</p>
<p>Short Tower (less than 500')</p>	<p><b>Component Description:</b> Load 50ft. mast trailer with forklift</p> <p><b>Amount:</b> \$98,400.00</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p><b>Component Description:</b> Mapping and inspection, Engineering, Engineering with proposed new Dielectric Req# 59852</p> <p><b>Amount:</b> \$12,000.00</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>\$230,090.00</b>	<b>\$174,451.30</b>		<b>\$161,792.08</b>	
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$1,780.65	Invoices received	\$1,780.65	N/A
Project management of the transition	\$176,170.00	\$148,116.75	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$148,116.75	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$2,532.15	Please see KTFF-DT Attorney STA Budget Justification Cover Letter	\$2,532.15	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	\$2,500.00	N/A	\$1,244.25	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$62.50	N/A	\$62.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
RF Exposure Measurements	\$21,050.00	\$10,000.00	N/A	\$6,440.28	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,406.25	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$209.25	Please see KTFF-DT Transition Timing and Coordination Budget Revision Justification Letter	\$209.25	N/A

<b>Sub-total</b>	\$230,090.00	\$174,451.30	N/A	\$161,792.08	N/A
<b>Total for all systems</b>	\$1,485,122.37	\$970,747.51	N/A	\$840,135.73	N/A

## Components

Actual Information	
Description	File Name
Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b> Legal Services <b>Amount:</b> \$106.65
	<b>Component Description:</b> Legal Services <b>Amount:</b> \$139.50
	<b>Component Description:</b> Legal Services <b>Amount:</b> \$1,534.50
Project management of the transition	<b>Component Description:</b> Project management <b>Amount:</b> \$1,757.15
	<b>Component Description:</b> Project management <b>Amount:</b> \$1,966.80
	<b>Component Description:</b> Project Management <b>Amount:</b> \$3,278.70
	<b>Component Description:</b> Information Technology Consulting Services 53798 <b>Amount:</b> \$200.00

**Component Description:** K. Lahm - Project management consultations  
**Amount:** \$225.00

**Component Description:** Project management services  
**Amount:** \$462.15

**Component Description:** Project Management  
**Amount:** \$1,237.30

**Component Description:** K. Lahm - Execution plan update - 8/2/2018  
**Amount:** \$37.50

**Component Description:** Project Management Services  
**Amount:** \$922.50

**Component Description:** Project management Services  
**Amount:** \$400.00

**Component Description:** Project Management  
**Amount:** \$124.50

**Component Description:** Project Management  
**Amount:** \$2,982.90

**Component Description:** Project management services  
**Amount:** \$537.00

**Component Description:** Project Management Services  
**Amount:** \$21.00

**Component Description:** K. Lahm - Antenna equivalence discussion  
**Amount:** \$62.50

**Component Description:** Project management services  
**Amount:** \$121.50

**Component Description:** Project management Services  
**Amount:** \$441.25

**Component Description:** Project Management Services  
**Amount:** \$2,709.00

**Component Description:** Project Management Services  
**Amount:** \$121.50

**Component Description:** Project management Services  
**Amount:** \$736.25

**Component Description:** Project management Services  
**Amount:** \$271.05

**Component Description:** Project Management Services  
**Amount:** \$1,046.66

**Component Description:** Project Management  
**Amount:** \$62.50

**Component Description:** Project Management Services  
**Amount:** \$770.54

**Component Description:** Project Management Services  
**Amount:** \$148.85

**Component Description:** Project management Services  
**Amount:** \$306.25

**Component Description:** Project Management Services  
**Amount:** \$630.12



**Component Description:** Project management Services  
**Amount:** \$342.50

**Component Description:** Project Management  
**Amount:** \$216.00

**Component Description:** Project management Services  
**Amount:** \$326.25

**Component Description:** Project Management  
**Amount:** \$1,637.35

**Component Description:** Project Management Services  
**Amount:** \$298.75

**Component Description:** Project Management Services  
**Amount:** \$537.00

**Component Description:** Information Technology Consulting Services  
**Amount:** \$700.00

**Component Description:** Project management Services  
**Amount:** \$548.60

**Component Description:** Project Management  
**Amount:** \$2,992.05

**Component Description:** Project Management  
**Amount:** \$3,413.65

**Component Description:** Project management Services  
**Amount:** \$1,118.75

**Component Description:** Project management Services  
**Amount:** \$467.35

**Component Description:** Project management Services  
**Amount:** \$78.00

**Component Description:** Project Management Services  
**Amount:** \$305.00

**Component Description:** Project Management Services  
**Amount:** \$79.50

**Component Description:** Project Management Services  
**Amount:** \$84.00

**Component Description:** Project Management  
**Amount:** \$5,153.10

**Component Description:** Project Management  
**Amount:** \$4,038.95

**Component Description:** Project Management  
**Amount:** \$4,818.75

**Component Description:** Project management Services  
**Amount:** \$625.95

**Component Description:** Project Management  
**Amount:** \$6,060.95

**Component Description:** Project Management  
**Amount:** \$2,867.00

**Component Description:** Project management  
**Amount:** \$65.00

**Component Description:** Project Management Services  
**Amount:** \$85.50

**Component Description:** Project management  
**Amount:** \$32.50

**Component Description:** Project management Services  
**Amount:** \$548.60

**Component Description:** Project Management Services  
**Amount:** \$1,315.50

**Component Description:** Project management Services  
**Amount:** \$315.00

**Component Description:** Project management Services  
**Amount:** \$260.00

**Component Description:** Project Management Services  
**Amount:** \$442.50

**Component Description:** Project Management Services  
**Amount:** \$625.40

**Component Description:** Project management Services  
**Amount:** \$1,132.50

**Component Description:** Project Management Services  
**Amount:** \$93.00

**Component Description:** Project management services  
**Amount:** \$84.00

**Component Description:** Project management Services  
**Amount:** \$283.75

**Component Description:** Project Management Services  
**Amount:** \$156.00

**Component Description:** Project management services  
**Amount:** \$525.00

**Component Description:** Project Management Services  
**Amount:** \$1,925.00

**Component Description:** Project Management Services  
**Amount:** \$373.75

**Component Description:** Project management Services  
**Amount:** \$464.75

**Component Description:** Project management Services  
**Amount:** \$335.00

**Component Description:** Project Management  
**Amount:** \$1,012.50

**Component Description:** Project Management  
**Amount:** \$483.00

**Component Description:** Project Management  
**Amount:** \$4,247.85

**Component Description:** Project management Services  
**Amount:** \$187.20

**Component Description:** Project Management  
**Amount:** \$3,086.30

**Component Description:** Project Management  
**Amount:** \$7,498.40

**Component Description:** Project Management Services  
**Amount:** \$389.35

**Component Description:** Project Management Services  
**Amount:** \$250.50

**Component Description:** Project management services  
**Amount:** \$700.50

**Component Description:** Project Management  
**Amount:** \$3,684.95

**Component Description:** Invoice revisions to meet FCC submittal requirements  
**Amount:** \$37.50

**Component Description:** Project management Services  
**Amount:** \$268.75

**Component Description:** Project Management Services  
**Amount:** \$361.25

**Component Description:** Project Management  
**Amount:** \$4,017.00

**Component Description:** Project Management Services  
**Amount:** \$1,315.50

**Component Description:** Project Management  
**Amount:** \$5,008.90

**Component Description:** Project management Services  
**Amount:** \$93.75

**Component Description:** Project management services  
**Amount:** \$922.50

**Component Description:** Project management Services  
**Amount:** \$903.75

**Component Description:** Project Management Services  
**Amount:** \$428.34

**Component Description:** Project management Services  
**Amount:** \$375.00

**Component Description:** Project Management  
**Amount:** \$3,976.55



**Component Description:** Project management Services  
**Amount:** \$217.75

**Component Description:** Project Management  
**Amount:** \$3,898.10

**Component Description:** Project Management  
**Amount:** \$4,834.30

**Component Description:** Project management Services  
**Amount:** \$307.50

**Component Description:** Project Management Services  
**Amount:** \$102.00

**Component Description:** Project Management Services  
**Amount:** \$91.50

**Component Description:** Project Management Services  
**Amount:** \$207.00

**Component Description:** Project management Services  
**Amount:** \$707.50

**Component Description:** Project Management Services  
**Amount:** \$167.70

**Component Description:** Project Management Services  
**Amount:** \$93.00

**Component Description:** Project Management Services  
**Amount:** \$365.00

**Component Description:** Project Management  
**Amount:** \$2,970.45

**Component Description:** Project Management Services  
**Amount:** \$590.00

**Component Description:** Project Management  
**Amount:** \$4,031.75

**Component Description:** Project Management  
**Amount:** \$7,886.55

**Component Description:** Project Management  
**Amount:** \$3,697.10

**Component Description:** Project Management Services  
**Amount:** \$316.25

**Component Description:** Project Management Services  
**Amount:** \$115.50

**Component Description:** Project Management  
**Amount:** \$2,299.65

**Component Description:** Project management Services  
**Amount:** \$467.35

**Component Description:** Project Management  
**Amount:** \$2,709.00

**Component Description:** Project Management Services  
**Amount:** \$700.50

**Component Description:** Project Management Services  
**Amount:** \$167.70

**Component Description:** Project Management Services  
**Amount:** \$525.00

**Component Description:** Project management Services  
**Amount:** \$148.85

**Component Description:** Project management Services  
**Amount:** \$355.00

**Component Description:** Project management Services  
**Amount:** \$464.75

**Component Description:** Project Management Services  
**Amount:** \$42.00

**Component Description:** Project management Services  
**Amount:** \$853.75

**Component Description:** Project management Services  
**Amount:** \$173.55

**Component Description:** Project Management  
**Amount:** \$4,355.60

**Component Description:** Project Management  
**Amount:** \$1,829.40

	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$3,584.20</p>
	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$6,275.00</p>
	<p><b>Component Description:</b> Project Management Services</p> <p><b>Amount:</b> \$682.04</p>
	<p><b>Component Description:</b> Project Management Services</p> <p><b>Amount:</b> \$102.00</p>
	<p><b>Component Description:</b> Project management Services</p> <p><b>Amount:</b> \$462.15</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	<p><b>Component Description:</b> Legal Services</p> <p><b>Amount:</b> \$182.25</p>
	<p><b>Component Description:</b> KTFF-DT-550-Attorney - Special Temporary Authorization</p> <p><b>Amount:</b> \$2,349.90</p>
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> <b>Amount:</b>	Legal Services \$1,244.25
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b> <b>Amount:</b>	K. Lahm - TPO calculation update \$62.50
Prepare and or review reimbursement form	Information not provided.	
RF Exposure Measurements	<b>Component Description:</b> <b>Amount:</b>	Field engineering work \$3,321.83
	<b>Component Description:</b> <b>Amount:</b>	RF exposure measurement scheduling \$75.00
	<b>Component Description:</b> <b>Amount:</b>	On-site energy exposure survey & report \$3,043.45
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> <b>Amount:</b>	Professional Services \$1,406.25
Address transition timing and coordination issues w/ other stations and wireless	<b>Component Description:</b> <b>Amount:</b>	KTFF-DT-590-Transition timing and coordination \$209.25



**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>\$118,948.00</b>	<b>\$111,138.00</b>		<b>\$105,305.06</b>	
Structural Analysis	<i>\$3,580.00</i>	\$3,580.00	See KTFF-DT-610-Structural Analysis Fee Estimated Cost Justification v0	\$3,580.00	N/A
Lease Amendment Application Fee	<i>\$2,500.00</i>	\$2,500.00	Please see the attached invoice from from KGI Wireless #CHTR50956	\$2,500.00	N/A
Equipment Delivery and Handling Charges	<i>\$10,732.00</i>	\$10,732.00	N/A	\$10,732.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,750.00	RF Notifications invoice 1056	\$3,750.00	N/A



Disposal Costs (for equipment and other waste, net of any salvage value)	<b><i>\$90,251.00</i></b>	\$90,251.00	See KTFF-DT-610-Disposal Costs Estimated Cost Justification v0	\$84,743.06	N/A
<b>Sub-total</b>	\$118,948.00	\$111,138.00	N/A	\$105,305.06	N/A
<b>Total for all systems</b>	\$1,485,122.37	\$970,747.51	N/A	\$840,135.73	N/A

### Components

Actual Information	
Description	File Name
Structural Analysis	<p><b>Component Description:</b> HB: Structural Analysis Fee associated with the collocation application to add new equipment and amend the existing license agreement</p> <p><b>Amount:</b> \$1,080.00</p> <p><b>Component Description:</b> Structural analysis fee</p> <p><b>Amount:</b> \$2,500.00</p>

<p>Lease Amendment Application Fee</p>	<p><b>Component Description:</b> Application Fee associated with the collocation application to add new equipment and amend the existing license agreement between Charter and Univision for KGI Tower</p> <p><b>Amount:</b> \$2,500.00</p>
<p>Equipment Delivery and Handling Charges</p>	<p><b>Component Description:</b> Shipment and offload of equipment requiring specialized equipment to reach tower site</p> <p><b>Amount:</b> \$10,732.00</p>
<p>FCC Filing Fees - Form 2100 license to cover application</p>	<p>Information not provided.</p>
<p>DTV Medical Facility Notification</p>	<p><b>Component Description:</b> Medical Notification Mailing Complete per FCC Repack</p> <p><b>Amount:</b> \$3,750.00</p>

Disposal Costs (for equipment and other waste, net of any salvage value)

**Component Description:** Disassemble and dispose of old side-mount antenna, mount and transmission line from tower

**Amount:** \$25,000.00

**Component Description:** Disposal Costs

**Amount:** \$7,988.00

**Component Description:** Disassemble and remove Diamond Transmitter RF

**Amount:** \$43.34

**Component Description:** Bluridge Antenna mast removal

**Amount:** \$31,800.00

**Component Description:** Hazmat Removal

**Amount:** \$3,436.00

**Component Description:** KTFF-DT-610- Disposal Costs

**Amount:** \$124.72

**Component Description:** Mobilization / Per Diem

**Amount:** \$15,670.00

**Component Description:** KTFF-DT-610- Disposal Costs

**Amount:** \$681.00

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$1,485,122.37	\$970,747.51	\$840,135.73

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<p><b>Submission of Estimated Expenses Statements</b></p>	<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.

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.

**Jose Franchi ,  
Franchi .**  
*VP Finance*

02/22/2021

Certification	Section	Question	Response
	<b>Submission of Actual Cost Documentation Statements</b>	<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>Jose Franchi , Franchi .</b> <i>VP Finance</i></p> <p>02/22/2021</p>

**Attachments**