



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **35512** | Service: **DTV** | Call **KTFF-DT** | Channel: **23 (UHF)** |
ID: | Sign:
File **0000028138**
Number:
FRN: **0008192593** | Date **04/07**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
UNIMAS FRESNO LLC 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
Theodore Stoner <i>VP Distribution Technology</i> <i>Univision Management</i> <i>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
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	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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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	Modification of electrical power distribution system to provide power to new transmitter
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 leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

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

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)	197.0 kW

Manufacturer	
Model	TFU- 10DSC C170
Year	2000

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	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
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?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	4 1/16 inches inches
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
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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
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	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
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	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	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.

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

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Post Installation Inspection Fee	Post Installation Inspection Fee

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1115
	Explanation	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting 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	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
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**
Services not provided.

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	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	No

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Internal Labor	Internal Univision Labor directly associated with Repack
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
Primary Transmitter THU9-8evo	\$520,004.37	\$400,504.37		\$316,000.21	
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
Primary Transmitter - Other Parts	<i>\$9,500.00</i>	\$9,500.00	Please see Beckman Tower quote 200506	\$9,500.00	N/A
Other Electrical Service: Modification of electrical power distribution system to provide power to new transmitter	<i>\$12,900.00</i>	\$12,900.00	See attached quote for electrical installation of same transmitter at KUVS-DT, Modesto, CA	\$0.00	N/A

Internal Transmission Line	\$1,306.05	\$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
Sub-total	\$520,004.37	\$400,504.37	N/A	\$316,000.21	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

Actual Information Description	File Name
Primary Transmitter Installation	<p>Component Description: Disassemble and remove Diamond Transmitter RF Plumbing.</p> <p>Amount: \$1,778.00</p> <p>Component Description: Travel</p> <p>Amount: \$20.32</p>
Primary Transmitter - Other Parts	<p>Component Description: Design and Build a Snow dam</p> <p>Amount: \$9,500.00</p>

Other Electrical Service: Modification of electrical power distribution system to provide power to new transmitter	Information not provided.	
Internal Transmission Line	Component Description:	Unflanged Line Section
	Amount:	\$1,306.05
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:	Broadcasters General
	Amount:	\$2,888.46
	Component Description:	Transmission installation services
	Amount:	\$93,466.89
	Component Description:	30% of \$32,430 Down payment- KTFF transmitter installation planning & site survey. The other 50% is for KUVI.
	Amount:	\$4,864.50
	Component Description:	30% of \$219,570 and \$1,000 Downpayment- THU9-6 EVO 9.8 kW
	Amount:	\$66,871.00

Component Description:	DP Final Payment on PO #49995, KTFF transmitter installation planning and site survey
Amount:	\$8,099.62

Component Description:	N/A
Amount:	N/A

Component Description:	Invoice moved to correct budget category.
Amount:	N/A

Component Description:	30% of THU9-6 EVO 9.8 kW (ATSC Total Package)
Amount:	\$65,871.00

Component Description:	DP 35% Factory Acceptance Charge PO# Line 1, 13 kW UHF DTV Transmitter
Amount:	\$93,466.89

Component Description:	New transmitter electrical as proposed
Amount:	\$19,495.00

Component Description:	KTFF/KUVI Split Invoice- See cover sheet
Amount:	\$4,864.50

Component Description:

30% Down
Payment on
Transmitter
Installation
Services, tax
\$14,243.48

Amount:

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 TFU-20DSB /VP-M-R	\$330,330.00	\$74,858.68		\$61,212.18	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$7,867.68	see Estimated Cost Justification KTFF-DT-210-Primary Antenna - Elbow Complex V0	\$7,867.68	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
Sub-total	\$330,330.00	\$74,858.68	N/A	\$61,212.18	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

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

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

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	\$15,750.00	\$39,895.16		\$35,438.70	
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
Sub-total	\$15,750.00	\$39,895.16	N/A	\$35,438.70	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission
Line - dielectric, 5"

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

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

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

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

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

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

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

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	\$270,000.00	\$169,900.00		\$160,387.50	
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
Sub-total	\$270,000.00	\$169,900.00	N/A	\$160,387.50	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

Actual Information Description	File Name
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Minor tower reinforcement /modifications	Component Description: Mast and Tower Reinforcement Amount: \$48,487.50
Post Installation Inspection Fee	Component Description: Post Installation Inspection Fee Amount: \$1,500.00
Short Tower (less than 500')	Component Description: Load 50ft. mast trailer with forklift Amount: \$98,400.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Mapping and inspection, Engineering, Engineering with proposed new Dielectric Req# 59852 Amount: \$12,000.00

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	\$230,090.00	\$178,977.55		\$166,318.33	
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$0.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$62.50	N/A	\$62.50	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

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$2,500.00	N/A	\$1,244.25	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$1,780.65	Invoices received	\$1,780.65	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
Project management of the transition	\$176,170.00	\$152,643.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$152,643.00	Not Exceeded
RF Exposure Measurements	\$21,050.00	\$10,000.00	N/A	\$6,440.28	N/A

Sub-total	\$230,090.00	\$178,977.55	N/A	\$166,318.33	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

Actual Information Description	File Name
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Component Description: KTFF-DT-590-Transition timing and coordination Amount: \$209.25
Perform engineering study for new channel assignment and antenna development	Component Description: K. Lahm - TPO calculation update Amount: \$62.50
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Professional Services Amount: \$1,406.25
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Legal Services Amount: \$1,244.25
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description:	Legal Services
	Amount:	\$1,534.50
	Component Description:	Legal Services
	Amount:	\$106.65
	Component Description:	Legal Services
	Amount:	\$139.50
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description:	Legal Services
	Amount:	\$182.25
	Component Description:	KTFF-DT-550-Attorney - Special Temporary Authorization
	Amount:	\$2,349.90
	Component Description:	Information Technology Consulting Services 53798
	Amount:	\$200.00
Project management of the transition	Component Description:	Project Management Services
	Amount:	\$305.00
	Component Description:	Project management Services
	Amount:	\$260.00

Component Description:	Project Management Services
Amount:	\$316.25

Component Description:	Project Management Services
Amount:	\$922.50

Component Description:	Project management services
Amount:	\$437.50

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

Component Description:	Project management services
Amount:	\$48.75

Component Description:	Project management Services
Amount:	\$326.25

Component Description:	Project management services
Amount:	\$187.50

Component Description:	Project Management Services
Amount:	\$537.00

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

Component Description:	Project Management Services
Amount:	\$700.50

Component Description:	Project Management Services
Amount:	\$65.00

Component Description:	Project Management
Amount:	\$62.50

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

Component Description:	Project Management Services
Amount:	\$93.00

Component Description:	Project management
Amount:	\$65.00

Component Description:	Project Management Services
Amount:	\$361.25

Component Description:	Project management services
Amount:	\$260.00

Component Description:	Project Management
Amount:	\$216.00

Component Description:	Project management Services
Amount:	\$335.00

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

Component Description:	Project management Services
Amount:	\$148.85

Component Description:	Project Management Services
Amount:	\$115.50

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

Component Description:	Project Management
Amount:	\$3,584.20

Component Description:	Project Management Services
Amount:	\$428.34

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

Component Description:	Project management Services
Amount:	\$187.20

Component Description:	Project Management Services
Amount:	\$590.00

Component Description:	Project Management Services
Amount:	\$85.50

Component Description:	Project Management Services
Amount:	\$21.00

Component Description:	Project management Services
Amount:	\$441.25

Component Description:	Project management Services
Amount:	\$268.75

Component Description:	Project management
Amount:	\$1,966.80

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

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

Component Description:	Project Management Services
Amount:	\$102.00

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

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

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

Component Description:	Project Management Services
Amount:	\$770.54

Component Description:	Project Management Services
Amount:	\$102.00

Component Description:	Project Management Services
Amount:	\$156.00

Component Description:	Project management Services
Amount:	\$217.75

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

Component Description:	Project Management Services
Amount:	\$167.70

Component Description:	Project management services
Amount:	\$81.25

Component Description:	Project management services
Amount:	\$32.50

Component Description:	Project Management Services
Amount:	\$1,524.55

Component Description:	Project Management Services
Amount:	\$65.00

Component Description:	Project Management Services
Amount:	\$16.25

Component Description:	Project management services
Amount:	\$195.00

Component Description:	Project management services
Amount:	\$103.75

Component Description:	Project Management Services
Amount:	\$1,367.95

Component Description:	Project management
Amount:	\$1,757.15

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

Component Description:	Project Management
Amount:	\$483.00

Component Description:	Project management Services
Amount:	\$271.05

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

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

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

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

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

Component Description:	Project management Services
Amount:	\$355.00

Component Description:	Project Management
Amount:	\$124.50

Component Description:	Project management services
Amount:	\$125.00

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

Component Description:	Project management services
Amount:	\$16.25

Component Description:	Project management Services
Amount:	\$548.60

Component Description:	Project Management Services
Amount:	\$42.00

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

Component Description:	Project management services
Amount:	\$922.50

Component Description:	Project management Services
Amount:	\$625.95

Component Description:	Project management Services
Amount:	\$307.50

Component Description:	Project management Services
Amount:	\$736.25

Component Description:	Project Management
Amount:	\$3,278.70

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

Component Description:	Project management services
Amount:	\$537.00

Component Description:	Project management Services
Amount:	\$467.35

Component Description:	Project management services
Amount:	\$84.00

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

Component Description:	Project Management Services
Amount:	\$373.75

Component Description:	Project management Services
Amount:	\$467.35

Component Description:	Project management Services
Amount:	\$853.75

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

Component Description:	Project Management Services
Amount:	\$630.12

Component Description:	Project Management Services
Amount:	\$250.50

Component Description:	Project management Services
Amount:	\$93.75

Component Description:	Project management Services
Amount:	\$462.15

Component Description:	Project Management Services
Amount:	\$91.50

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

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

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

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

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

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

Component Description:	Project Management Services
Amount:	\$365.00

Component Description:	Project Management Services
Amount:	\$442.50

Component Description:	Project Management Services
Amount:	\$682.04

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

Component Description:	Project management Services
Amount:	\$283.75

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

Component Description:	Project management Services
Amount:	\$173.55

Component Description:	Project management Services
Amount:	\$707.50

Component Description:	Project management
Amount:	\$32.50

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

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

Component Description:	Project management services
Amount:	\$700.50

Component Description:	Project Management Services
Amount:	\$84.00

Component Description:	Project Management Services
Amount:	\$389.35

Component Description:	Project management Services
Amount:	\$306.25

Component Description:	Project management services
Amount:	\$121.50

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

Component Description:	Project Management
Amount:	\$6,275.00

Component Description:	Project management Services
Amount:	\$315.00

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

Component Description:	Project Management Services
Amount:	\$525.00

Component Description:	Project management Services
Amount:	\$400.00

Component Description:	Project Management Services
Amount:	\$121.50

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

Component Description:	Project Management Services
Amount:	\$79.50

Component Description:	Project management Services
Amount:	\$375.00

Component Description:	Project Management Services
Amount:	\$207.00

Component Description:	Project management Services
Amount:	\$548.60

Component Description:	Project Management Services
Amount:	\$625.40

Component Description:	Project management Services
Amount:	\$78.00

Component Description:	Project management Services
Amount:	\$342.50

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

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

Component Description:	Project management Services
Amount:	\$464.75

Component Description:	Project Management Services
Amount:	\$93.00

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

Component Description:	Project management Services
Amount:	\$903.75

Component Description:	Project Management Services
Amount:	\$298.75

Component Description:	Project management services
Amount:	\$525.00

	Component Description:	Project Management Services
	Amount:	\$167.70
	Component Description:	Project management Services
	Amount:	\$464.75
	Component Description:	Project Management
	Amount:	\$3,684.95
	Component Description:	Project Management Services
	Amount:	\$148.85
	Component Description:	Project management services
	Amount:	\$462.15
RF Exposure Measurements	Component Description:	RF exposure measurement scheduling
	Amount:	\$75.00
	Component Description:	Field engineering work
	Amount:	\$3,321.83
	Component Description:	On-site energy exposure survey & report
	Amount:	\$3,043.45

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	\$137,148.00	\$129,348.00		\$123,828.44	
Internal Labor	<i>\$18,200.00</i>	\$18,200.00	N/A	\$18,188.38	N/A
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 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
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$90,251.00</i>	\$90,251.00	See KTFF-DT-610-Disposal Costs Estimated Cost Justification v0	\$84,743.06	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,750.00	RF Notifications invoice 1056	\$3,750.00	N/A
Sub-total	\$137,148.00	\$129,348.00	N/A	\$123,828.44	N/A
Total for all systems	\$1,503,322.37	\$993,483.76	N/A	\$863,185.36	N/A

Components

Actual Information	
Description	File Name
Internal Labor	
	Component Description: Internal Labor 2021
	Amount: \$2,255.34
	Component Description: Internal Labor 2020
	Amount: \$3,616.05
	Component Description: Internal Labor 2019
	Amount: \$1,017.29
	Component Description: Internal Labor 2017
	Amount: \$1,634.56
	Component Description: Internal Labor 2018
	Amount: \$9,665.14

Structural Analysis	<div data-bbox="715 174 1374 568"> <p>Component Description: HB: Structural Analysis Fee associated with the collocation application to add new equipment and amend the existing license agreement</p> <p>Amount: \$1,080.00</p> </div> <div data-bbox="715 674 1374 790"> <p>Component Description: Structural analysis fee</p> <p>Amount: \$2,500.00</p> </div>
Lease Amendment Application Fee	<div data-bbox="715 922 1374 1397"> <p>Component Description: 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>Amount: \$2,500.00</p> </div>
Equipment Delivery and Handling Charges	<div data-bbox="715 1534 1374 1850"> <p>Component Description: Shipment and offload of equipment requiring specialized equipment to reach tower site</p> <p>Amount: \$10,732.00</p> </div>

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

Component Description: Hazmat Removal
Amount: \$3,436.00

Component Description: KTFF-DT-610-
Disposal Costs
Amount: \$681.00

Component Description: Disassemble and
remove Diamond
Transmitter RF
Amount: \$43.34

Component Description: Mobilization / Per
Diem
Amount: \$15,670.00

Component Description: Bluridge Antenna
mast removal
Amount: \$31,800.00

Component Description: KTFF-DT-610-
Disposal Costs
Amount: \$124.72

Component Description: Disposal Costs
Amount: \$7,988.00

Component Description: Disassemble and
dispose of old
side-mount
antenna, mount
and transmission
line from tower
Amount: \$25,000.00

FCC Filing Fees - Form 2100 license to cover application	<div> <div>Component Description:</div> <div>License to Cover</div> </div> <div> <div>Amount:</div> <div>\$335.00</div> </div>
DTV Medical Facility Notification	<div> <div>Component Description:</div> <div>Medical Notification Mailing Complete per FCC Repack</div> </div> <div> <div>Amount:</div> <div>\$3,750.00</div> </div>

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$1,503,322.37	\$993,483.76
			\$863,185.36

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 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.

<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>Jose Franchi , Franchi . <i>VP Finance</i></p> <p>04/07/2021</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 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.

<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>Jose Franchi , Franchi . <i>VP Finance</i></p> <p>04/07/2021</p>

Attachments