



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **36916** | Service: **DTV** | Call **KTDO** | Channel: **26 (UHF)** |  
ID: | Sign:  
File **0000028442**  
Number:  
FRN: **0019509470** | Date **04/05**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>NBC TELEMUNDO LICENSE LLC</b>	Margaret L. Tobey 300 NEW JERSEY AVENUE, NW SUITE 700 WASHINGTON, DC 20001 United States	+1 (202) 524-6401	margaret. tobey@nbcuni. com	Limited Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Margaret L Tobey</b> <i>NBCUniversal, LLC</i>	300 New Jersey Ave. NW Suite 700 Washington, DC 20001 United States	+1 (202) 524- 6401	Margaret.Tobey@nbcuni. 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 KTDO facility is located on Ranger Peak and the site is only accessible via a tram. Rebuilding KTDO on the new channel will require an interim facility at the accessible Comanche Peak location.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	STVTX16V75
	Year	2009
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	16 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?	No
	Manufacturer	
	Model	THU9-12 Evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19 kW
	Justification for New Transmitter	The existing DMT transmitter is no longer manufactured. The major modifications that would be needed for re-tuning from Channel 47 to Channel 26 are not available due to limited parts and support. See attached.

**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
<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**

Name	Description
<b>Removal of DMT Transmitter</b>	Removal of DMT Transmitter
<b>Installation</b>	Installation, Commissioning and Proof-of-Performance
<b>UHF Kit for Antenna Monitoring System</b>	UHF Kit for Antenna Monitoring System

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	TMU9-1800W
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.8 kW
	Justification for New Transmitter	The KTDO main facility is located on the remote Ranger Peak location that is accessible only by tram. It will take months of work to complete installation. An interim facility is required at a separate accessible location to maintain service to public.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<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	No
	Description	N/A
<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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	No

**Interim  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
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<b>Installation</b>	Installation of interim transmitter
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**Antennas**

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

## Primary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	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)	200.0 kW

Manufacturer	
Model	SFN-2070- O3-18
Year	2009

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?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	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	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	132.0 kW
	Manufacturer	

Model	TFU-10DSC-R O4
Year	2018
Justification for New Antenna	Existing antenna will not function on new channel and cannot be retuned.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
Antenna Shipping	Antenna shipping and handling costs

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	200.0 kW
	Manufacturer	
	Model	TLP-16B
	Year	2018

Justification for New Antenna	The KTDO main facility is located on the remote Ranger Peak location that is accessible only by tram. It will take months of work to complete installation. An interim facility is required at a separate accessible location to maintain service to public.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	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

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 Foam
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	210 feet per run

	Justification for New Transmission Line	The KTDO main facility is located on the remote Ranger Peak location that is accessible only by tram. It will take months of work to complete installation. An interim facility is required at a separate accessible location to maintain service to public.
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**Interim**                      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      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

**Auxiliary Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim Facility
	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	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1047783
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	31° 47' 15.0" N-
	Longitude (NAD83)	106° 28' 49.0" W-
	Overall Structure Height	296.91 feet
	Support Structure Height	222.11 feet

	Ground Elevation Above Mean Sea Level (AMSL)	4663.00 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	88 Investments, Inc.
	Date Constructed	01/01/1960

**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
19117	KCOS	DTV

### Auxiliary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No 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
	Information not provided.

## 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?	Terrain Constrained
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1202400
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	31° 48' 18.9" N-
	Longitude (NAD83)	106° 29' 00.7" W-
	Overall Structure Height	388.12 feet
	Support Structure Height	340.88 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5604.92 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	Pinnacle Towers LLC
	Date Constructed	01/05/2000

**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
67760	KTSM-TV	DTV
10202	KSCE	DTV
68753	KTFN	DTV
49832	KVIA-TV	DTV

#### Other Types of Users

Users
K26KJ-D 59114
Various Mobile

#### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

#### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained



<b>Helicopter Services Required</b>	Are helicopter services required?	No
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**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	1040
	Explanation	Management of project timeline, contractors, scope, deliverables, reporting, etc.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	2
	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
<b>RF Field Engineering Services</b>	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	20
	Justification	Site surveys, inspections, etc.

**Outside  
Professional Services Costs**

#### **Other Professional Services Expenses Not Listed**

See Appendix C for details.

## Other Expenses

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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b> Information not provided.
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## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmitter TMU9-1800W</b>	<b>\$168,873.92</b>	<b>\$118,581.92</b>		<b>\$0.00</b>	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$75,708.00	N/A	\$0.00	N/A
Installation	<b>\$42,873.92</b>	\$42,873.92	Costs more than the predetermined cost because of new installation of electrical panels.	\$0.00	N/A
<b>Primary Transmitter THU9-12 Evo</b>	<b>\$741,141.18</b>	<b>\$430,556.18</b>		<b>\$373,415.00</b>	
UHF Kit for Antenna Monitoring System	<b>\$15,804.50</b>	\$15,804.50	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$373,415.00	N/A	\$373,415.00	N/A
Removal of DMT Transmitter	<b>\$1,985.00</b>	\$1,985.00	N/A	\$0.00	N/A

Installation	<b>\$39,351.68</b>	\$39,351.68	Install costs more than predetermined because of install of new transformer, coax witch, load, electrical distribution boxes, and filter cooling kits	\$0.00	N/A
<b>Sub-total</b>	\$910,015.10	\$549,138.10	N/A	\$373,415.00	N/A
<b>Total for all systems</b>	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	N/A

## Components

Actual Information	
Description	File Name
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Information not provided.
Installation	<p><b>Component Description:</b> Interim Transmitter Install including electrical, RF, and Proof</p> <p><b>Amount:</b> \$42,873.92</p>
UHF Kit for Antenna Monitoring System	<p><b>Component Description:</b> KTDO - R&amp;S Invoice for UHF Spinner kit plus tax</p> <p><b>Amount:</b> \$15,804.50</p>
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<p><b>Component Description:</b> KTDO - R&amp;S invoice for transmitter</p> <p><b>Amount:</b> \$373,415.00</p>

Removal of DMT Transmitter	<b>Component Description:</b> KTDO - ELIAS VENTANILLA Invoice for coordinating removal of DMT transmitter  <b>Amount:</b> \$1,985.00
Installation	<b>Component Description:</b> Main transmitter install for 1 cabinet with filter, coax and switch load and Proof  <b>Amount:</b> \$39,351.68



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-16B	\$201,490.00	\$4,542.00		\$0.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$4,542.00	N/A	\$0.00	N/A
Primary Antenna TFU- 10DSC-R O4	\$106,390.00	\$148,688.00		\$0.00	

Antenna Shipping	\$5,000.00	\$5,000.00	Antenna shipping and handling costs estimate.	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$2,271.00	N/A	\$0.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$141,417.00	Existing antenna is a high-power UHF side mount antenna and will be replaced with a model of similar design	\$0.00	N/A
<b>Sub-total</b>	\$307,880.00	\$153,230.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.
Sweep test of existing antenna	<div> <div> <b>Component Description:</b> </div> <div> This is only for the cost of the interim antenna and line sweep. It does not include any of the other costs associated with this invoice. </div> </div> <div> <b>Amount:</b> </div> <div> \$4,542.00 </div>
Antenna Shipping	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	<div> <div> <b>Component Description:</b> </div> <div> This is only for the cost of the main antenna and line sweep. It does not include any of the other costs associated with this invoice. </div> </div> <div> <b>Amount:</b> </div> <div> \$2,271.00 </div>
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<div> <div> <b>Component Description:</b> </div> <div> KTDO - Dielectric invoice for 45% of Antenna </div> </div> <div> <b>Amount:</b> </div> <div> \$63,677.00 </div>

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	\$5,040.00	\$4,830.00		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$5,040.00	\$4,830.00	N/A	N/A	N/A
Sub-total	\$5,040.00	\$4,830.00	N/A	\$0.00	N/A
Total for all systems	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	N/A

Components

Information not provided.

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$421,000.00	\$400,000.00		\$0.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$0.00	N/A
Auxiliary Tower TOWER	\$84,200.00	\$92,820.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$92,820.00	Cost of work to remove and install new interim antennae was much more expensive than originally anticipated.	\$0.00	N/A
Sub-total	\$505,200.00	\$492,820.00	N/A	\$0.00	N/A
Total for all systems	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	N/A

Components

Actual Information Description	File Name
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Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b>	This is the second invoice for this work. This covers the cost of the install and removal of the main antenna. It does not include the cost of the install and removal of the interim antenna.
	<b>Amount:</b>	\$41,511.00
	<b>Component Description:</b>	Only including the cost to remove the main antenna and install the new main antenna. This does not include the install or removal of the interim antenna.
	<b>Amount:</b>	\$41,511.00

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Short Tower (less than 500')

**Component Description:**

This is the cost for the install and removal of the interim antenna. It does not include the cost of the install and removal of the main antenna.

**Amount:**

\$46,410.00

**Component Description:**

This is the second invoice to cover the cost of the install and removal of the interim antenna. It does not include the cost of install and removal of the main antenna.

**Amount:**

\$46,410.00

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## 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>\$320,220.00</b>	<b>\$306,750.00</b>		<b>\$79,801.52</b>	
Additional Field Engineering Service, 20 Days	<i>\$10,000.00</i>	\$10,000.00	See attached site survey quote	\$10,000.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	RF exposure may be necessary due to the transmitter site location in the Franklin Mountains State Park, which is accessible to the public via trails and the aerial tramway.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A



Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	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	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$10,000.00	Includes site visit, see attached proposal	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$164,320.00	\$156,000.00	N/A	\$69,801.52	N/A
<b>Sub-total</b>	\$320,220.00	\$306,750.00	N/A	\$79,801.52	N/A
<b>Total for all systems</b>	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	N/A

## Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 20 Days	<p><b>Component Description:</b> Engineering Site Survey</p> <p><b>Amount:</b> \$10,000.00</p>
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, 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 engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Project management of the transition	<div> <div> <b>Component Description:</b> </div> <div> Point B Project Management services for the month of February 2019. See line items. </div> </div> <div> <b>Amount:</b> </div> <div> \$16,110.00 </div>

<b>Component Description:</b>	KTDO AFF Consulting January 2019 Invoice - Research
<b>Amount:</b>	\$450.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,250.00

<b>Component Description:</b>	Point B Project Management January 2019
<b>Amount:</b>	\$17,440.00

<b>Component Description:</b>	Point B Project Management
<b>Amount:</b>	\$19,090.00

<b>Component Description:</b>	Point B Project Management September 2019 at KNTV
<b>Amount:</b>	\$2,607.00

<b>Component Description:</b>	Project Management Invoice
<b>Amount:</b>	\$10,432.52

<b>Component Description:</b>	Point B Project Management October 2019 at KNTV
<b>Amount:</b>	\$1,422.00

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**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>\$62,974.72</b>	<b>\$62,419.72</b>		<b>\$0.00</b>	
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	Required notifications to cable and satellite carriers of the channel change to avoid any interruptions in service to existing viewers.	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	Development and airing of announcement to over-the-air viewers of the channel changes to avoid any service interruptions during the lengthy transition to the new channel.	N/A	N/A

Equipment Storage	<b>\$1,900.00</b>	\$1,900.00	Due to the limitations on access to the site and space at the site, a temporary container must be placed at the base to store deliveries.	N/A	N/A
Equipment Delivery and Handling Charges	<b>\$4,800.00</b>	\$4,800.00	Due to the limitations on the size of the truck that can access the tramway base location, it is necessary to transfer cargo to smaller trucks, which then also adds to the number of trips needed to complete deliveries to the base.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$39,529.72</b>	\$39,529.72	Removal of equipment and other waste from the site includes expenses for: other stations to lower power or shut down operations; labor for removal; and labor, crew and operation of state-owned tramway.	\$0.00	N/A

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$62,974.72	\$62,419.72	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$2,111,329.82	\$1,569,187.82	N/A	\$453,216.52	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	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<p><b>Component Description:</b> Disposal costs to remove 2 cabinet DMT Systems with cooling, RF, and electrical</p> <p><b>Amount:</b> \$39,529.72</p>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,111,329.82	\$1,569,187.82	\$453,216.52

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	<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.

**Margaret  
L. Tobey**  
*Assistant  
Secretary*

04/05/2021

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Margaret L. Tobey**  
*Assistant Secretary*

04/05/2021

**Attachments**