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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **68889** | Service: **DTV** | Call Sign: **KTVX** | Channel: **30 (UHF)**

File Number: **0000028267**

FRN: **0009961889** | Date Submitted: **08/21/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv	Corporation

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
Elizabeth Ryder *General Counsel* *Nexstar Broadcasting, Inc.*	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv

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.	Yes
Briefly describe transition plan	DTV Utah is a complex site with 8 stations sharing a two main antennas as well as aux antenna, combiner system and building. Replacement antenna panels, combiner and transmitters will be required. DTVU is still working on its transition plans.

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	SigmaCD2
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 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	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25 kW
	Justification for New Transmitter	Existing transmitter is obsolete and can not be retuned to new channel. See attached quotes. Upgrading to a SS at one power step up from the required TPO. Single tube IOT is the max reimbursement, but Gates quote is lower.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	30 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Removal of Existing Equipment	Remove Existing Equipment from Farnsworth Peak
Plan Transmitter Layout and Develop Installation Drawings	Develop Installation Layout. Develop Installation Drawings
Remote Control Wiring	Wire Up Existing Remote Control to New Transmitter

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULTXE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12.9 kW
	Justification for New Transmitter	DTV Utah Stations will operate on an interim transmitter one at a time in rotating fashion as their existing transmitter is removed and replaced. This is for the KTVX allocated costs for one interim transmitter for the site.

Interim Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	800.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	50 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	DTV Utah
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	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	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	8
	Number of Panels	48
	Design power capacity in use	100.0 %
	Lower Limit	602.00 MHz
	Upper Limit	700.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	475.0 kW

Manufacturer	
Model	773 928
Year	1999

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
36607	KJZZ-TV
1136	KUCW
35823	KUTV
6359	KSL-TV
6823	KBYU-TV
69396	KUED
69582	KUEN

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?	Yes
	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	Bottom
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	8
	Number of Panels/Bays	48
	Lower Limit	482.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	2000.0 kW
	Manufacturer	
	Model	759 25063

	Year	2017
	Justification for New Antenna	The current panel antenna is finely tuned to a specific band, but cannot be retuned to the new band.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	8
	Frequencies of channels supported	Upper and lower frequency
	Frequency	488.0 MHz - 608.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Antenna Installation	Costs for antenna install.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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?	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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1062408
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 39' 33.0" N-

Longitude (NAD83)	112° 12' 10.0" W-
Overall Structure Height	308.40 feet
Support Structure Height	308.40 feet
Ground Elevation Above Mean Sea Level (AMSL)	9035.32 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	DTV UTAH, LC
Date Constructed	10/28/1999

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
6823	KBYU-TV	DTV
69396	KUED	DTV
69582	KUEN	DTV
1136	KUCW	DTV
35823	KUTV	DTV
36607	KJZZ-TV	DTV
6359	KSL-TV	DTV

Primary Tower

Tower Modification Costs

Section	Question	Response

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

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	800
	Explanation	KTVX Allocated Costs: DTV Utah will provide project management on site. Additionally, station will retain RF Engineers to review site construction as needed.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	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
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	30

	Justification	On site RF Engineering to inspect and supervise construction on behalf of station

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Allocation Consulting	RF Consultant analysis of channel allocations, Interference issues, and spectrum issues
Building Structural Engineering	Structural Engineer review and analysis of building and 2nd Floor Combiner Weight Issues
Prepare and File FCC Progress Reports	Prepare and File FCC Quarterly Progress Reports
RF Consultant	RF Consultant for antenna and combiner designs
Reimbursement Reviews	Reimbursement Reviews with FCC, E&Y, and Cavell.

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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Raod Maintenance	Snowplowing Grating and repairs to existing road to remote mountain top.
Accounting	DTV Utah Accounting and Allocation of costs to stations
DTV Utah Operating Agreement Equity Equalization	Per 1988 Operating Agreement. See Exhibit M attached.
KSTU Mask Filter	Adjacent Channel Mask Filter for KSTU. See Exhibit N attached.
Remove and Disposal of Equipment	Common Equipment Removal and Disposal. Rigging, road access, packing materials
Site Access and Transportation	Snow Cat access; helicopter site access; Road opening (snow plowing) etc.
Temporary Sanitation	Required for work on the mountaintop.

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
Interim Transmitter ULTXE-20	**$1,003,800.00**	**$130,909.00**		**$0.00**	
50 Ton system	$266,000.00	$31,625.00	1/8 Shared Cost	N/A	N/A
Transformer 3 phase /480v - 300 KVA	$36,800.00	$4,375.00	1/8 Shared Cost	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$20,800.00	$2,500.00	1/8 Shared Cost	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$70,534.00	1/8 Shared Cost	N/A	N/A
Switchgear - industrial 800 amp	$38,200.00	$4,375.00	1/8 Shared Cost	N/A	N/A
UHF inside RF system including switching	$147,500.00	$17,500.00	1/8 Shared Cost	N/A	N/A
Primary Transmitter ULXTE-40	**$1,100,900.00**	**$938,530.00**		**$179,292.48**	
Switchgear - industrial 800 amp	$38,200.00	$36,300.00	Catalog	N/A	N/A

Transformer 3 phase /480v - 300 KVA	$36,800.00	$35,000.00	Catalog	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	$10,400.00	$9,800.00	Catalog	N/A	N/A
Other -- HVAC Service Type: C Size:30 (Other)	***$25,000.00***	$25,000.00	KTVX Allocated costs for modification of HVAC systems.	N/A	N/A
Remote Control Wiring	***$3,500.00***	$3,500.00	Wire up existing remote control to new transmitter.	N/A	N/A
Removal of Existing Equipment	***$25,000.00***	$25,000.00	Removal of existing KTVX Transmitter cabinets, Beam Supplies (2); Heat Exchangers (2); and other equipment. Rigging, All Terrain Vehicles; forklifts; oil and glycol issues.	N/A	N/A

Plan Transmitter Layout and Develop Installation Drawings	***$15,000.00***	$15,000.00	KTVX Allocated Costs for Transmitter Installation layout and installation drawings	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	$947,000.00	$788,930.00	N/A	$179,292.48	N/A
Sub-total	$2,104,700.00	$1,069,439.00	N/A	$179,292.48	N/A
Total for all systems	$4,155,491.00	$2,140,095.00	N/A	$301,271.17	N/A

Components

Actual Information Description	File Name
50 Ton system	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
UHF inside RF system including switching	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

Other -- HVAC Service Type: C Size:30 (Other)	Information not provided.	
Remote Control Wiring	Information not provided.	
Removal of Existing Equipment	Information not provided.	
Plan Transmitter Layout and Develop Installation Drawings	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:** **Amount:**	25% down payment Transmitter System; Original estimate is for a Gates Air system. Actual product purchased is a Rohde & Schwarz system (quote attached). $179,292.48

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 759 25063	**$436,593.00**	**$394,713.00**		**$120,478.69**	
UHF - High Power Top Mount Eight Station broadband panel antenna horizontally polarized	***$168,286.00***	$168,286.00	1/8 Shared Cost	$120,478.69	N/A
Sweep test of existing antenna	$6,730.00	$2,125.00	1/8 Shared Cost	N/A	N/A
New combiner, cost per channel (without antenna)	$84,200.00	$185,000.00	1/8 Shared Cost	$0.00	See in attachment- FCC Incentive Auction Repack Reimbursement Request and Explanation.
Combiner output splitting /switching for dual feed lines, if applicable	$126,000.00	$0.00	Included in combiner costs	N/A	N/A
Antenna Installation	***$37,677.00***	$37,677.00	1/8 Shared Cost	N/A	N/A

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	$13,700.00	$1,625.00	1/8 Shared Cost	N/A	N/A
Sub-total	$436,593.00	$394,713.00	N/A	$120,478.69	N/A
Total for all systems	$4,155,491.00	$2,140,095.00	N/A	$301,271.17	N/A

Components

Actual Information Description	File Name	
UHF - High Power Top Mount Eight Station broadband panel antenna horizontally polarized	**Component Description:**	Antenna Factory Test - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
	Amount:	$5,142.50
	Component Description:	Nitrogen Generation with sales tax noted. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
	Amount:	$4,160.41

Component Description:	Antenna Structural 25% Progress Payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	$7,710.92
Component Description:	Antenna 25 % Down Payment - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	$7,710.92
Component Description:	Antenna 25% Progress Payment - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	$47,876.97
Component Description:	Antenna Material 25% down payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	$47,876.97

	Component Description: **Amount:**	Utah State Sales Tax for SouthTek invoice STS87757-1. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. See also explanation of Vendor EIN/TIN. $284.98
Sweep test of existing antenna	Information not provided.	
New combiner, cost per channel (without antenna)	**Component Description:** **Amount:**	Combiner Downpayment #2. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. $5,123.06
	Component Description: **Amount:**	Combiner Downpayment #1 due with order. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. $5,123.06

	Component Description: 80KW Cooling System. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. **Amount:** $3,320.18
	Component Description: Combiner - Prog Pay 3. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. **Amount:** $90,717.49
	Component Description: Combiner - Prog Pay 1 - Down payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. **Amount:** $22,679.37
	Component Description: Combiner - Prog Pay 2. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. **Amount:** $90,717.50
Combiner output splitting /switching for dual feed lines, if applicable	Information not provided.

Antenna Installation	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

Cost Information

Transmission Line

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	**$854,600.00**	**$101,500.00**		**$0.00**	
Major tower reinforcement /modifications	$421,000.00	$50,000.00	1/8 Shared Cost	N/A	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$1,500.00	1/8 Shared Cost	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$50,000.00	1/8 Shared Cost	N/A	N/A
Sub-total	$854,600.00	$101,500.00	N/A	$0.00	N/A
Total for all systems	$4,155,491.00	$2,140,095.00	N/A	$301,271.17	N/A

Components

Information not provided.

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 Cos Justificati
Outside Professional Services	**$396,900.00**	**$212,350.00**		**$1,500.00**	
Reimbursement Reviews	***$10,600.00***	$10,600.00	Reimbursement Reviews with FCC, E&Y, Cavell.	N/A	N/A
RF Consultant	***$16,000.00***	$16,000.00	KTVX Allocation of Costs. RF Consulting Engineer for Antenna and Combiner overall system design. Vendor specs and system range testing.	N/A	N/A
Prepare and File FCC Progress Reports	***$18,000.00***	$18,000.00	Prepare and file FCC Progress Reports	N/A	N/A
Building Structural Engineering	***$20,000.00***	$20,000.00	KTVX specific and allocation of costs related to building structural and weight analysis.	N/A	N/A

Allocation Consulting	***$15,000.00***	$15,000.00	KTVX Allocation of costs. RF Engineering Consultant to review channel allocations, interference, alternative channels, support can not construct filing.	N/A	N/A
Additional Field Engineering Service, 30 Days	***$45,000.00***	$45,000.00	RF Engineer on site to supervise installation and construction of KTVX Equipment.	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$7,360.00	$7,000.00	Catalog	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	Catalog	N/A	N/A

Prepare request for Special Temporary Authorization	$4,100.00	$3,000.00	Catalog	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	Catalog	N/A	N/A
Project management of the transition	$126,400.00	$37,500.00	Catalog	$1,500.00	N/A
Comprehensive coverage verification via field study, if needed	$84,200.00	$10,000.00	1/8 Shared Cost	N/A	N/A
RF Exposure Measurements	$21,050.00	$2,500.00	1/8 Shared Cost	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	Catalog	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	Catalog	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	Catalog	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	Catalog	N/A	N/A
Sub-total	$396,900.00	$212,350.00	N/A	$1,500.00	N/A
Total for all systems	$4,155,491.00	$2,140,095.00	N/A	$301,271.17	N/A

Components

Actual Information Description	File Name
Reimbursement Reviews	Information not provided.
RF Consultant	Information not provided.
Prepare and File FCC Progress Reports	Information not provided.
Building Structural Engineering	Information not provided.
Allocation Consulting	Information not provided.
Additional Field Engineering Service, 30 Days	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.
Project management of the transition	**Component Description:** Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018. **Amount:** $450.00 **Component Description:** Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from March 31, 2018 through April 27, 2018. **Amount:** $674.00 **Component Description:** Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017. **Amount:** $600.00

	Component Description: **Amount:**	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates for preparation of Form 387 progress report. Services from May 26, 2018 through June 29, 2018. $450.00
Comprehensive coverage verification via field study, if needed	Information not provided.	
RF Exposure Measurements	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justificatio
Other Expenses	**$362,698.00**	**$362,093.00**		**$0.00**	
MVPD Notification of Channel Change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Non-zoning permits	***$5,900.00***	$5,900.00	KTVX Estimate of Cost Allocation.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	Catalog	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	Catalog	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	Catalog	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	Catalog	N/A	N/A
Develop and air announcement of upcoming channel change	***$3,500.00***	$3,500.00	Production costs to develop and air channel change announcement.	N/A	N/A

Equipment Storage	***$4,000.00***	$4,000.00	DTV Utah estimate of allocated costs to KTVX for equipment storage on site and logistics at base of mountain. etc.	N/A	N/A
Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	Estimate of KTVX specific and Allocation of Costs for delivery of equipment up mountain.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$27,500.00***	$27,500.00	DTV Utah estimate of allocated costs for KTVX - Combiner and other common equipment removal and rigging down mountain.	N/A	N/A
Temporary Sanitation	***$3,000.00***	$3,000.00	1/8 Shared Cost	N/A	N/A
Site Access and Transportation	***$25,000.00***	$25,000.00	Cost Allocation to KTVX for site transportation and site access including snow cats, helicopter services, road clearing, snow plowing etc.	N/A	N/A
Remove and Disposal of Equipment	***$5,000.00***	$5,000.00	Removal and disposal of KTVX Equipment down the mountain.	N/A	N/A

KSTU Mask Filter	***$6,725.00***	$6,725.00	1/8 Shared Cost	N/A	N/A
DTV Utah Operating Agreement Equity Equalization	***$223,083.00***	$223,083.00	See Exhibit M.	N/A	N/A
Accounting	***$5,800.00***	$5,800.00	DTV Utah estimate of KTVX allocation of costs for accounting services for project.	N/A	N/A
Raod Maintenance	***$10,000.00***	$10,000.00	1/8 Shared Cost	N/A	N/A
Sub-total	$362,698.00	$362,093.00	N/A	$0.00	N/A
Total for all systems	$4,155,491.00	$2,140,095.00	N/A	$301,271.17	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$4,155,491.00	$2,140,095.00	$301,271.17

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	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Elizabeth Ryder** *General Counsel* 08/21/2018

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station’s facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Elizabeth Ryder** *General Counsel* 08/21/2018

Attachments