



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **68889** | Service: **DTV** | Call **KTVX** | Channel: **30 (UHF)** |
ID: | Sign:
File **0000028267**
Number:
FRN: **0009961889** | Date **03/24**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Nexstar 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 <i>General Counsel</i> <i>Nexstar Inc.</i>	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	THU9evo-20
	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 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
Remote Control Wiring	Wire Up Existing Remote Control to New Transmitter
Transmitter Electrical, Installation and Decommission	Transmitter Electrical, Installation and Decommission
Plan Transmitter Layout and Develop Installation Drawings	Develop Installation Layout. Develop Installation Drawings
Removal of Existing Equipment	Remove Existing Equipment from Farnsworth Peak

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

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
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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)	Yes
	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
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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
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.
Road Maintenance	Snowplowing Grating and repairs to existing road to remote mountain top.
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.
Sales and Use Tax Due	Sales and Use Tax Due

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	\$263,062.99		\$213,142.49	
50 Ton system	\$266,000.00	\$133,000.00	Revised to increase amount to 1/6 vs 1/8 as well as design and engineering changes required due to a new heat exchanger design for the transmitters.	\$124,309.21	Actual design HVAC design called for more cooling than originally estimated. Additional original application estimate submitted 1/8 cost. Reimbursements submitted 1/6.
UHF inside RF system including switching	\$147,500.00	\$23,333.33	Revised to reflect 1/6th of Shared Cost	\$5,372.98	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$2,500.00	1/8 Shared Cost	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$5,809.33	Revised to reflect 1/6th of shared cost.	\$0.00	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$4,375.00	1/8 Shared Cost	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$94,045.33	Revised to reflect 1/6th of Shared Cost	\$83,460.30	Original application (estimate based on 1/8 total costs. Approved for total cost: Please see FCC Incent Auction Report Reimbursement Request & Explanatic
Primary Transmitter THU9evo-20	\$1,133,643.38	\$899,513.38		\$769,913.38	
Transmitter Electrical, Installation and Decommission	\$57,743.38	\$57,743.38	See Marsand quote 1882	\$52,743.38	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	\$0.00	\$0.00	See Transmitter Electrical, Installation and Decommission	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

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
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	Catalog	N/A	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	Catalog	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$717,170.00	Cost revised down from 788,930 to 717,170 per Rohde & Schwarz quote 802- 049530.1 attached	\$717,170.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	Catalog	N/A	N/A
Sub-total	\$2,137,443.38	\$1,162,576.37	N/A	\$983,055.87	N/A
Total for all systems	\$4,393,248.54	\$2,621,067.11	N/A	\$1,653,723.65	N/A

Components

Actual Information	
Description	File Name
50 Ton system	<p>Component Description: Advance payment to secure the equipment and materials before transmitters are installed. Amount specific to KTVX.</p> <p>Amount: \$9,357.00</p>

Component Description:	HVAC mechanical & structural work. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation. Revised attachment. - Invoice amount corrected.
Amount:	\$3,652.40

Component Description:	Progress billing for KTVX Transmitter Hood and HVAC system.
Amount:	\$1,782.82

Component Description:	HVAC Mechanical Design Work for transmitter HVAC project. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$2,400.00

Component Description:	Advance payment to secure the equipment and materials before transmitters are installed. Amount requested specific to KTVX.
Amount:	\$27,022.00

Component Description: Progress payment for HVAC done on KTVX primary transmitter and cooling system per April 24, 2018 proposal. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.

Amount: \$6,366.28

Component Description: KTVX portion of HVAC mechanical & structural work

Amount: \$673.62

Component Description: Oct work on HVAC/ Progress payment

Amount: \$11,160.91

Component Description: Credit memo for transmitter and cooling system HVAC projects.

Amount: (\$1,046.68)

Component Description: Credit memo due to internal project audit for transmitter and cooling system projects.

Amount: (\$2,083.71)

Component Description: Mechanical design for the Transmitter HVAC - final phase payment

Amount: \$933.33

Component Description:	Final Work on 2017 Proposal
Amount:	\$8,627.50

Component Description:	Progress payment for August for HVAC project. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$2,118.15

Component Description:	Mechanical design for transmitter HVAC project. Amount requested specific to KTVX.
Amount:	\$6,200.00

Component Description:	Progress payment for HVAC Work. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$11,163.83

Component Description:	Progress payment for HVAC Work. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$12,672.16

Component Description:	Progress payment for HVAC Work. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$14,166.66

Component Description:	Progress Payment for HVAC Work. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$16,416.66

Component Description:	Cooling system evaluation. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$153.79

Component Description:	Progress payment - Mechanical design for transmitter HVAC project. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$933.33

	<p>Component Description:</p> <p>Mechanical design for transmitter HVAC project. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.</p> <p>Amount:</p> <p>\$266.66</p>
UHF inside RF system including switching	<p>Component Description:</p> <p>SyncServer</p> <p>Amount:</p> <p>\$2,589.33</p> <p>Component Description:</p> <p>Additional transmission line and gas barrier line</p> <p>Amount:</p> <p>\$557.63</p> <p>Component Description:</p> <p>Final Transmission line</p> <p>Amount:</p> <p>\$603.26</p> <p>Component Description:</p> <p>Additional Flex Line for DTV Transmitter</p> <p>Amount:</p> <p>\$308.50</p> <p>Component Description:</p> <p>Syncserver</p> <p>Amount:</p> <p>\$1,236.39</p>

Component Description:	Q3 2018 State of Utah Use Tax Return - Component for Dielectric invoices 233001 & 230017 and Microsemi invoice 268011. See FCC Incentive Auction Repack Reimbursement Request & Explanation and breakdown of sales tax accrual calculations table.
Amount:	\$101.43

Component Description:	Additional transmission line elbows
Amount:	\$917.06

Component Description:	Dell Computer for Control Systems
Amount:	\$190.05

Component Description:	Syncserver freight from invoice 267999
Amount:	\$6.06

Component Description:	Shipping of new transmission line rework
Amount:	\$727.51

Component Description:	Transmission line 25% down payment
Amount:	\$201.09

2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Switchgear - industrial 800 amp	Component Description: Amount:	Installation of electrical panels and transformer for the interim transmitter. Please see FCC Incentive auction repack reimbursement request and explanation. \$3,149.19 Installation of electrical panels and transformer for the interim transmitter. Please see FCC Incentive auction repack reimbursement request and explanation. \$496.60
Transformer 3 phase/480v - 300 KVA	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description: Amount:	Ross 2RU 3G/HD /SD/SDI Audio Monitoring Bridge equipment. No sales tax on shipping charges. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation. \$514.00

Component Description:	Transmitter install. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$5,412.88

Component Description:	Sencore HD/SD /SDI equipment. Taxes not charged on shipping. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$660.43

Component Description:	Transmitter - ProgPay 3. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$21,682.94

Component Description:	Transmitter ProgPay 1 - 1/3 Down Payment. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$27,365.14

	Component Description:		Transmitter ProgPay 2 - 1/3 Down Payment. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
	Amount:		\$27,365.14
	Component Description:		Ross Video HD/SD /SDI equipment. Taxes not charged on shipping. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
	Amount:		\$459.77
Transmitter Electrical, Installation and Decommission	Component Description:		Transmitter services, installment #1
	Amount:		\$28,871.70
	Component Description:		Transmitter services, installment #2
	Amount:		\$10,630.00
	Component Description:		Transmitter services, installment #3
	Amount:		\$13,241.68
Remote Control Wiring	Information not provided.		
Removal of Existing Equipment	Information not provided.		

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	\$589,830.00	\$695,357.24		\$551,483.87	
UHF - High Power Top Mount Eight Station broadband panel antenna horizontally polarized	<i>\$300,000.00</i>	\$300,000.00	Revised to increase amount to 1/6 vs 1/8 as well as adding an increase for the addition of nitrogen generators	\$233,961.96	Original 399 budget proposed at 1/8 cost. Special approval received for 1/6 of costs causing budget overage.
Antenna Installation	<i>\$59,200.00</i>	\$59,200.00	Revised to increase amount to 1/6 vs 1/8 shared cost, as well as adding for inspection of the transmission line to ensure the integrity of the line after the antenna removal. See Exhibit D.	\$55,337.23	Please see FCC Incentive Auction Repack Reimbursement Request & Explanation - Original 399 application estimate was based on 1/8 cost. Approval received for 1/6 cost reimbursement

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$16,000.00	Revised to increase amount to 1 /6 vs 1/8 shared cost, as well as adding for an increase in the elbow complex design caused by the antenna configuration.	\$10,582.39	Initial estimate based on 1/6 reimbursement for Elbow complex - broadband and transmission line material installation related to SOW: S&I Elbow Complex
New combiner, cost per channel (without antenna)	\$84,200.00	\$317,000.00	Revised to increase amount to 1 /6 vs 1/8 as well as adding for additional equipment necessary for unanticipated management of the system. See Exhibit E.	\$248,445.05	See in attachment- FCC Incentive Auction Repack Reimbursement Request and Explanation.
Sweep test of existing antenna	\$6,730.00	\$3,157.24	Revised to increase to 1 /6th of shared cost	\$3,157.24	Original estimate for 1/8 costs with approval to request reimbursement at 1/6. Please see 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. See Exhibit E.	N/A	N/A
Sub-total	\$589,830.00	\$695,357.24	N/A	\$551,483.87	N/A
Total for all systems	\$4,393,248.54	\$2,621,067.11	N/A	\$1,653,723.65	N/A

Components

Actual Information	
Description	File Name
UHF - High Power Top Mount Eight Station broadband panel antenna horizontally polarized	<div> <div>Component Description:</div> <div>Antenna Structural 25% Progress Payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.</div> </div> <div> <div>Amount:</div> <div>\$7,710.92</div> </div> <div> <div>Component Description:</div> <div>Antenna 5% Final Payment - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.</div> </div> <div> <div>Amount:</div> <div>\$9,575.39</div> </div>

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 system final billing for line items 2, 3, 6 & 7 per quote. Please see FCC Incentive auction repack reimbursement request and explanation.
Amount:	\$7,710.92

Component Description:	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.
Amount:	\$284.98

Component Description:	Sales use tax for GTIA-1054 invoice. Please see table AN-P-2 for section 3.5 uhf hp on attachment page 5.
Amount:	\$12,759.12

Component Description:	Re-tuning of antenna pattern to remove null areas
Amount:	\$3,333.33

Component Description:	Antenna 45% - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	\$86,178.56

Component Description:	Antenna Material 25% down payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	\$47,876.97

Component Description:	Antenna Structural 25% Progress Payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	\$6,400.09

	<p>Component Description:</p> <p>Antenna 25% Progress Payment - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.</p> <p>Amount:</p> <p>\$47,876.97</p>	
	<p>Component Description:</p> <p>Antenna 25 % Down Payment - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.</p> <p>Amount:</p> <p>\$7,710.92</p>	
	<p>Component Description:</p> <p>Antenna Factory Test - Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.</p> <p>Amount:</p> <p>\$5,142.50</p>	
Antenna Installation	<p>Component Description:</p> <p>Transmission line final payment. Sales tax accrual attached separately. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.</p> <p>Amount:</p> <p>\$798.45</p>	

Component Description:	Installation services final payment - see line 1 of quote
Amount:	\$4,445.72

Component Description:	Site survey 25% down payment. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$1,310.83

Component Description:	Installation 50% final payment
Amount:	\$11,754.09

Component Description:	2018 Q1 Corrected sales and use tax return for GTI invoice 1011
Amount:	\$17.81

Component Description:	Use tax for GTIA- 1021 invoice
Amount:	\$53.45

Component Description:	Bullet installation 25% Down Payment. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
Amount:	\$1,748.05

	Component Description:	Installation Services 25% down payment. Please see FCC Incentive Auction Repack Reimbursement Request & Explanation.
	Amount:	\$11,754.09
	Component Description:	Antenna Installation 25% Progress Payment
	Amount:	\$23,508.19
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	Q3 2018 State of Utah Use Tax Return - Component for GTI invoice GTIA-1057 and Dielectric invoice 75050. See breakdown of sales tax accrual calculations table.
	Amount:	\$529.50
	Component Description:	KPNZ Line Reroute labor/install
	Amount:	\$1,309.50
	Component Description:	Reducer, T/L Tuner, Flange Assy, Fright and shipping and handling.
	Amount:	\$992.51

	Component Description:	Final billing for additional transmission line and installation services provided by GTI America. Please see FCC Incentive auction repack reimbursement request and explanation.
	Amount:	\$4,794.94
	Component Description:	Progress Invoice - 50% down payment for transmission line material and installation
	Amount:	\$4,794.94
New combiner, cost per channel (without antenna)	Component Description:	crimping tools & supplies
	Amount:	\$213.19
	Component Description:	Install additional transmission line. Please see FCC cover letter for reimbursement request and explanation.
	Amount:	\$6,727.52

Component Description:	Combiner - Prog Pay 3. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$90,717.49

Component Description:	rg223 cable
Amount:	\$196.25

Component Description:	N Resistive Power Divider and freight
Amount:	\$237.33

Component Description:	Progress payment for installation
Amount:	\$22,679.29

Component Description:	belden cable
Amount:	\$277.43

Component Description:	Installation of 20A, High-Density Plug Strip and Power
Amount:	\$106.33

Component Description:	Onsite crew for bids on new combiner- travel
Amount:	\$216.88

Component Description:	Line pieces
Amount:	\$406.25

Component Description: Gas Barrier. Please see FCC cover letter for reimbursement request and explanation.

Amount: \$1,410.51

Component Description: Burk sales tax for invoices: 68513 DP, 68513-2, 69115. See table page 2 of attachment for sales and use tax amount and FCC incentive auction repack reimbursement request and explanation for detail on requested amount.

Amount: \$1,075.62

Component Description: Dielectric sales tax for invoices-156010 /235015/250008 /237008/242051 /236006/2373003. See table page 5 of attachment for AN-P-12 - new combiner portion

Amount: \$11,070.12

Component Description: Freight for return of waveguide sections

Amount: \$443.17

Component Description:	Combiner Downpayment #2. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$5,123.06

Component Description:	Pressure Gauge 2 Port. Please see FCC cover letter for reimbursement request and explanation.
Amount:	\$61.85

Component Description:	Station specific and shared electrical costs
Amount:	\$816.84

Component Description:	Belden cable freight
Amount:	\$4.51

Component Description:	DownPay #3 Combiner monitoring & control
Amount:	\$3,906.86

Component Description:	Cable, tubes, crimp and freight for new combiner
Amount:	\$246.05

Component Description:	Combiner Downpayment #1 due with order. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$5,123.06

Component Description:	Line pieces
Amount:	\$406.25

Component Description:	Combiner - Prog Pay 1 - Down Payment. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$22,679.37

Component Description:	Combiner Downpayment #1 due with order. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$5,123.06

Component Description:	80KW Cooling System. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation. - Information updated
Amount:	\$3,320.18

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 2. Please see attached - FCC Incentive Auction Repack Reimbursement Request and Explanation.
Amount:	\$90,717.50

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. -
Information
updated

Amount:

\$90,717.50

Component Description:

Combiner
Downpayment #2.
Please see
attached - FCC
Incentive Auction
Repack
Reimbursement
Request and
Explanation. -
Information
updated

Amount:

\$5,123.06

Sweep test of existing antenna	<div data-bbox="703 174 1010 208">Component Description:</div> <div data-bbox="1145 174 1374 645">Rental of impedance transformer used to test the CH.24 system. Please see FCC Incentive auction repack reimbursement request and explanation. Revised attachment.</div> <div data-bbox="703 656 813 689">Amount:</div> <div data-bbox="1145 656 1241 689">\$329.16</div> <div data-bbox="703 792 1010 826">Component Description:</div> <div data-bbox="1145 792 1342 1144">Test existing Kathrein UHF Antenna System. Please see FCC Incentive auction repack reimbursement request and explanation.</div> <div data-bbox="703 1155 813 1189">Amount:</div> <div data-bbox="1145 1155 1262 1189">\$2,828.08</div>
Combiner output splitting /switching for dual feed lines, if applicable	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	\$135,333.34		\$4,019.65	
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,000.00	Revised to increase amount to 1 /6 vs 1/8	\$898.32	N/A
Major tower reinforcement /modifications	\$421,000.00	\$66,666.67	Revised to increase amount to 1 /6 vs 1/8	\$3,121.33	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$66,666.67	Revised to increase amount to 1 /6 vs 1/8	N/A	N/A
Sub-total	\$854,600.00	\$135,333.34	N/A	\$4,019.65	N/A
Total for all systems	\$4,393,248.54	\$2,621,067.11	N/A	\$1,653,723.65	N/A

Components

Actual Information	
Description	File Name

Structural engineering tower load study for well documented tower	<div> <div> Component Description: Amount: </div> <div> Structural Engineering & Design services - May 2017 \$226.66 </div> </div> <div> <div> Component Description: Amount: </div> <div> Tower Analysis Services \$671.66 </div> </div>
Major tower reinforcement /modifications	<div> <div> Component Description: Amount: </div> <div> New strobes for tower \$1,606.18 </div> </div> <div> <div> Component Description: Amount: </div> <div> Installing the tower lighting system \$1,515.15 </div> </div>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	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 C Justifica
Outside Professional Services	\$399,005.00	\$214,605.00		\$37,599.75	
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,500.00	DTV Utah has 8 partners of which 6 are being repacked. Legal negotiations related to repacking being submitted at 1 /6 cost for each station being repacked.	\$4,472.21	Legal f associ with repack lease negotiat estimate 1/8 ar requeste 1/6 pr allowa
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Catalog	\$231.86	N/A
Prepare and File FCC Progress Reports	<i>\$18,000.00</i>	\$18,000.00	Prepare and file FCC Progress Reports	\$900.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,155.00	Prepare engineering section of FCC Form 2100 (main), Construction Permit Application increased to Predetermined Cost Estimate from Catalog	\$0.00	Prepa enginee section FCC Fo 2100 (m Construc Perm Applicat estimate 1/8 ar requeste 1/6 pr allowa
Project management of the transition	\$126,400.00	\$37,500.00	Catalog	\$28,572.77	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$500.00	N/A	\$275.00	N/A
Reimbursement Reviews	\$10,600.00	\$10,600.00	Reimbursement Reviews with FCC, E&Y, Cavell.	\$0.00	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

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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	Catalog	\$14.58	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	Catalog	\$1,200.00	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
RF Exposure Measurements	\$21,050.00	\$2,500.00	1/8 Shared Cost	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$10,000.00	1/8 Shared Cost	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 - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	Catalog	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
Prepare request for Special Temporary Authorization	\$4,100.00	\$4,100.00	Predetermined Cost Estimate	\$1,000.00	Prepa request Speci Tempor Authoriz: original estimate 1/8 ar requeste 1/6 pr allowar
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Catalog	\$933.33	N/A
Sub-total	\$399,005.00	\$214,605.00	N/A	\$37,599.75	N/A
Total for all systems	\$4,393,248.54	\$2,621,067.11	N/A	\$1,653,723.65	N/A

Components

Actual Information	
Description	File Name

Attorney Fees - Negotiation
of lease and other matters
for shared locations

Component Description: Legal consulting -
lease negotiations
Amount: \$362.91

Component Description: Legal consulting -
lease negotiations
Amount: \$415.83

Component Description: Legal consulting -
lease negotiations
Amount: \$501.40

Component Description: Legal consulting -
lease negotiations
Amount: \$357.00

Component Description: Legal consulting -
lease negotiations
Amount: \$68.00

Component Description: Legal consulting -
lease negotiations
Amount: \$640.66

Component Description: Legal consulting -
lease negotiations
Amount: \$1,960.50

Component Description: Legal consulting -
lease negotiations
Amount: \$165.91

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td data-bbox="710 176 1015 210">Component Description:</td><td data-bbox="1150 176 1378 327">Group legal fees associated with repack construction permit application</td></tr> <tr> <td data-bbox="710 338 815 367">Amount:</td><td data-bbox="1150 338 1230 367">\$29.16</td></tr> </table>	Component Description:	Group legal fees associated with repack construction permit application	Amount:	\$29.16
Component Description:	Group legal fees associated with repack construction permit application				
Amount:	\$29.16				
	<table> <tr> <td data-bbox="710 477 1015 510">Component Description:</td><td data-bbox="1150 477 1378 627">Group legal fees associated with repack construction permit application</td></tr> <tr> <td data-bbox="710 638 815 667">Amount:</td><td data-bbox="1150 638 1246 667">\$202.70</td></tr> </table>	Component Description:	Group legal fees associated with repack construction permit application	Amount:	\$202.70
Component Description:	Group legal fees associated with repack construction permit application				
Amount:	\$202.70				

Prepare and File FCC
Progress Reports

Component Description: See cover letter
item 2 - Progress
report preparation
services by
subcontractor
Kessler and
Gehman
Associates. Station
specific cost.

Amount: \$150.00

Component Description: See cover letter
item 2 - Progress
report preparation
services by
subcontractor
Kessler and
Gehman
Associates. Station
specific cost.

Amount: \$150.00

Component Description: See cover letter
items 2-4: Prepare
progress reporting
services by
subcontractor
Kessler and
Gehman
Associates. Station
specific cost.

Amount: \$600.00

Component Description: See cover letter
item 2 - Progress
report preparation
services by
subcontractor
Kessler and
Gehman
Associates. Station
specific cost.

Amount: \$150.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td>Component Description:</td><td>See cover letter item 3 - Prepare engineering portion of FCC Form 2100 services by Kessler and Gehman Associates. Station specific cost.</td></tr> <tr> <td>Amount:</td><td>\$625.00</td></tr> </table>	Component Description:	See cover letter item 3 - Prepare engineering portion of FCC Form 2100 services by Kessler and Gehman Associates. Station specific cost.	Amount:	\$625.00												
Component Description:	See cover letter item 3 - Prepare engineering portion of FCC Form 2100 services by Kessler and Gehman Associates. Station specific cost.																
Amount:	\$625.00																
Project management of the transition	<table> <tr> <td>Component Description:</td><td>Project management of the transition - James and James Consulting for December 2017.</td></tr> <tr> <td>Amount:</td><td>\$545.14</td></tr> <tr> <td>Component Description:</td><td>Consulting fees - invoice preparation and submission</td></tr> <tr> <td>Amount:</td><td>\$65.00</td></tr> <tr> <td>Component Description:</td><td>Project management of the transition - James and James Consulting for October 2017.</td></tr> <tr> <td>Amount:</td><td>\$696.62</td></tr> <tr> <td>Component Description:</td><td>Project management of the transition - James and James Consulting for June 2017.</td></tr> <tr> <td>Amount:</td><td>\$916.62</td></tr> </table>	Component Description:	Project management of the transition - James and James Consulting for December 2017.	Amount:	\$545.14	Component Description:	Consulting fees - invoice preparation and submission	Amount:	\$65.00	Component Description:	Project management of the transition - James and James Consulting for October 2017.	Amount:	\$696.62	Component Description:	Project management of the transition - James and James Consulting for June 2017.	Amount:	\$916.62
Component Description:	Project management of the transition - James and James Consulting for December 2017.																
Amount:	\$545.14																
Component Description:	Consulting fees - invoice preparation and submission																
Amount:	\$65.00																
Component Description:	Project management of the transition - James and James Consulting for October 2017.																
Amount:	\$696.62																
Component Description:	Project management of the transition - James and James Consulting for June 2017.																
Amount:	\$916.62																

Component Description:	Project management services provided by consultant Ray Carnovale - Please see cover letter FCC reimbursement request and explanation.
Amount:	\$2,763.54

Component Description:	Project management of the transition - James and James Consulting for Station Specific April 2018.
Amount:	\$94.74

Component Description:	Project management of the transition - James and James Consulting for January 2018.
Amount:	\$359.67

Component Description:	Project management of the transition - James and James Consulting for station specific costs June 2018.
Amount:	\$415.37

Component Description: Project management of the transition - James and James Consulting for May 2017.

Amount: \$916.41

Component Description: Project management of the transition - James and James Consulting for March 2018.

Amount: \$525.66

Component Description: Project management of the transition - James and James Consulting for November 2017.

Amount: \$742.45

Component Description: 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.

Amount: \$450.00

Component Description: Project management of the transition - James and James Consulting for April 2018.

Amount: \$521.19

Component Description: See cover letter item 1 - Project management of the transition 7.28.18 through 9.28.18. Station specific cost.

Amount: \$375.00

Component Description: Project management of the transition - James and James Consulting for September 2018.

Amount: \$1,497.06

Component Description: Project management services

Amount: \$75.00

Component Description: See cover letter items 1 and 5: Project management of the transition including services by subcontractor Kessler and Gehman Associates. Station specific cost.

Amount: \$1,874.00

Component Description:	Project management services provided by consultant Ray Carnovale - Please see cover letter FCC reimbursement request and explanation.
Amount:	\$1,750.00

Component Description:	Project management of the transition - James and James Consulting and supply purchase for August 2018.
Amount:	\$2,803.83

Component Description:	Project management of the transition - James and James Consulting compliance audit adjustment for hours and mileage.
Amount:	\$17.82

Component Description:	Project management services
Amount:	\$2,325.00

Component Description:	Project management of the transition - James and James Consulting for station specific costs July 2018.
Amount:	\$288.41

Component Description:	Project management services
Amount:	\$150.00

Component Description:	Project management of the transition - James and James Consulting for June 2018.
Amount:	\$1,215.74

Component Description:	Project management of the transition - James and James Consulting for October 2018.
Amount:	\$1,057.25

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2019 through January 31, 2019.
Amount:	\$75.00

Component Description: Project management of the transition - James and James Consulting for August 2017.

Amount: \$703.95

Component Description: Project management of the transition - James and James Consulting for April 2017.

Amount: \$1,102.36

Component Description: Project management of the transition - James and James Consulting for July 2018.

Amount: \$1,046.00

Component Description: Project management of the transition - James and James Consulting for May 2018.

Amount: \$256.94

Component Description: Project management of the transition - James and James Consulting for November 2018.

Amount: \$754.52

Component Description: Project management of the transition - James and James Consulting for May 2018.

Amount: \$837.25

Component Description: Project management of the transition - station specific cost

Amount: \$225.00

Component Description: Project management of the transition - James and James Consulting for December 2018.

Amount: \$182.02

Component Description: Consulting fees - invoice preparation and submission

Amount: \$78.00

Component Description: Project management of the transition - James and James Consulting for February 2018.

Amount: \$358.38

Component Description: Engineering consulting fees - invoice coding

Amount: \$50.00

Component Description:	Project management of the transition - James and James Consulting for September 2017
Amount:	\$445.45

Component Description:	Project management of the transition - James and James Consulting for July 2017.
Amount:	\$891.87

Component Description:	Project management services
Amount:	\$347.50

Component Description:	Project management of the transition - James and James Consulting
Amount:	\$699.66

Component Description:	See cover letter item 1 and 2 for project management services including those provided by subcontractor Kessler and Gehman Associates. Station specific cost
Amount:	\$1,600.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from June 30, 2018 through July 27, 2018. Station specific.
Amount:	\$225.00

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 January 1, 2018 through January 26, 2018.
Amount:	\$450.00

	<p>Component Description:</p> <p>Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017.</p> <p>Amount:</p> <p>\$600.00</p>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	<p>Component Description:</p> <p>Subcontractor to prepare and submit FAA filing. Split charge with KUCW.</p> <p>Amount:</p> <p>\$275.00</p>
Reimbursement Reviews	Information not provided.
RF Consultant	Information not provided.
Building Structural Engineering	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	<p>Component Description:</p> <p>Legal fees associated with transition</p> <p>Amount:</p> <p>\$14.58</p>
Prepare and or review reimbursement form	<p>Component Description:</p> <p>Invoice compliance audit and prep.</p> <p>Amount:</p> <p>\$1,200.00</p>
Additional Field Engineering Service, 30 Days	Information not provided.

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 -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.												
Allocation Consulting	Information not provided.												
Prepare request for Special Temporary Authorization	<table> <tr> <td>Component Description:</td><td>See cover letter item number 6 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.</td></tr> <tr> <td>Amount:</td><td>\$1,000.00</td></tr> <tr> <td>Component Description:</td><td>Special temporary authorization filing</td></tr> <tr> <td>Amount:</td><td>\$876.75</td></tr> <tr> <td>Component Description:</td><td>See cover letter item number 3 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.</td></tr> <tr> <td>Amount:</td><td>\$1,500.00</td></tr> </table>	Component Description:	See cover letter item number 6 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.	Amount:	\$1,000.00	Component Description:	Special temporary authorization filing	Amount:	\$876.75	Component Description:	See cover letter item number 3 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.	Amount:	\$1,500.00
Component Description:	See cover letter item number 6 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.												
Amount:	\$1,000.00												
Component Description:	Special temporary authorization filing												
Amount:	\$876.75												
Component Description:	See cover letter item number 3 - Prepare and submit STA filing by subcontractor Kessler and Gehman Associates. Station specific cost.												
Amount:	\$1,500.00												

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Preparation of Form 2100 \$933.33
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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
Other Expenses	\$412,370.16	\$413,195.16		\$77,564.51	
Sales and Use Tax Due	<i>\$45,000.00</i>	\$45,000.00	Estimated tax due	\$44,660.50	N/A
Temporary Sanitation	<i>\$3,000.00</i>	\$3,000.00	1/8 Shared Cost	N/A	N/A
Site Access and Transportation	<i>\$25,000.00</i>	\$25,000.00	Cost Allocation to KTVX for site transportation and site access including snow cats, helicopter services, road clearing, snow plowing etc.	\$2,329.97	N/A
Remove and Disposal of Equipment	<i>\$5,000.00</i>	\$5,000.00	Removal and disposal of KTVX Equipment down the mountain.	\$2,970.83	N/A
Road Maintenance	<i>\$10,000.00</i>	\$10,000.00	1/8 Shared Cost	N/A	N/A
DTV Utah Operating Agreement Equity Equalization	<i>\$223,083.00</i>	\$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
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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	Catalog	N/A	N/A
Equipment Storage	\$6,067.16	\$6,067.16	1125 per month for 16 months plus pod storage on mountains. Increased to 1850 in May 2018. Revised to increase amount to 1/6 vs 1/8.	\$5,758.82	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.	\$6,999.57	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.	\$1,287.50	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
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Catalog	\$4,549.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$2,500.00	See related invoice	\$0.00	N/A
KSTU Mask Filter	\$9,330.00	\$9,330.00	1/8 Shared Cost changed to 1/6 shared cost	\$9,008.32	Please FCC Ince Auction R Reimburs Reques Explanat Original applica estimate based on cost. App received f cost reimburse

Sub-total	\$412,370.16	\$413,195.16	N/A	\$77,564.51	N/A
Total for all systems	\$4,393,248.54	\$2,621,067.11	N/A	\$1,653,723.65	N/A

Components

Actual Information Description	File Name	
Sales and Use Tax Due	Component Description: Tax due on transmitter Amount: \$44,660.50	
Temporary Sanitation	Information not provided.	
Site Access and Transportation	Component Description: Transportation to top of the mountain for staff and equipment while road was closed by snow. Amount: \$216.66 Component Description: Transport of vendors to and from mountain top site due to impassable roads for surveys and service proposals. Amount: \$507.50 Component Description: Transport of vendors to and from mountain top site due to impassable roads for surveys and service proposals. Amount: \$362.50	

Component Description: Transportation to top of the mountain for staff and equipment while road was closed by snow.

Amount: \$108.33

Component Description: Transport of vendors to and from mountain top site due to impassable roads for surveys and service proposals.

Amount: \$676.66

Component Description: Transportation to top of the mountain for staff and equipment while road was closed by snow.

Amount: \$216.66

Component Description: Transportation to top of the mountain for staff and equipment while road was closed by snow.

Amount: \$241.66

Remove and Disposal of Equipment	Component Description:		Removal of used downtherm
	Amount:		\$173.33
	Component Description:		Removal and disposal of old equipment and debris from tower site - station specific cost to KTVX only
	Amount:		\$1,147.50
	Component Description:		Removal and disposal of old equipment and debris from tower site - station specific cost to KTVX only
	Amount:		\$1,650.00
Raod Maintenance	Information not provided.		
DTV Utah Operating Agreement Equity Equalization	Information not provided.		
Accounting	Information not provided.		
Develop and air announcement of upcoming channel change	Information not provided.		
FCC Filing Fees - Form 2100 license to cover application	Information not provided.		
Equipment Storage	Component Description:		Labor to set storage containers on site
	Amount:		\$33.33

Component Description:	Warehouse storage - December 2017
Amount:	\$187.50

Component Description:	Warehouse storage - May 2018
Amount:	\$187.50

Component Description:	Warehouse storage - October 2017
Amount:	\$187.50

Component Description:	Warehouse storage - Sept 2017
Amount:	\$187.50

Component Description:	Warehouse storage - June 2018
Amount:	\$308.33

Component Description:	Warehouse storage - November 2017
Amount:	\$187.50

Component Description:	Warehouse storage - August 2018
Amount:	\$308.33

Component Description:	Warehouse Storage - January 2018
Amount:	\$187.50

Component Description:	Pallet jack
Amount:	\$139.68
Component Description:	Storage pods for on site equipment storage
Amount:	\$1,927.50
Component Description:	Warehouse storage - February 2018
Amount:	\$187.50
Component Description:	Warehouse storage - Sept 2018
Amount:	\$308.33
Component Description:	Warehouse Storage - March 2018
Amount:	\$187.50
Component Description:	Warehouse storage - July 2018
Amount:	\$308.33
Component Description:	Warehouse storage - April 2018
Amount:	\$187.50
Component Description:	Warehouse storage - November 2018
Amount:	\$308.33

	Component Description:	Warehouse storage - October 2018
	Amount:	\$308.33
	Component Description:	Warehouse storage - May 2018 rental price increase
	Amount:	\$120.83
Equipment Delivery and Handling Charges	Component Description:	Split invoice between KTVX & KUCW for station specific equipment delivery to tower site
	Amount:	\$225.00
	Component Description:	Split invoice between KTVX & KUCW station specific freight charges for delivery to tower site.
	Amount:	\$225.00
	Component Description:	Forklift equipment rental 10/01/18 - 10/31/18
	Amount:	\$385.58
	Component Description:	Equipment handling and transportation - July 2018
	Amount:	\$517.08

Component Description:	Equipment delivery and handling - December 2017
Amount:	\$100.00

Component Description:	Equipment delivery and handling - September 2018
Amount:	\$99.16

Component Description:	Equipment delivery and handling - February 2018
Amount:	\$14.16

Component Description:	Equipment delivery and handling - January 2018
Amount:	\$14.16

Component Description:	Howe Rental Forklift Payments 10/17/17 to 11/14 /17 and 11/14/17 to 12/12/17 paid by KSL
Amount:	\$955.98

Component Description:	Equipment delivery and handling - December 2018
Amount:	\$28.33

Component Description:	Transport of Reach Forklift up mountain
Amount:	\$40.83

Component Description:	Forklift Rental 8/06 /2018 to 10/01 /2018. Please see FCC Incentive auction repack reimbursement request and explanation.
Amount:	\$1,020.24

Component Description:	Equipment delivery and handling - June 2018 DTV Group radio parts
Amount:	\$100.00

Component Description:	Equipment delivery and handling - May 2018 - antenna combining system
Amount:	\$68.75

Component Description:	Equipment delivery and handling - November 2017
Amount:	\$56.66

Component Description:	Forklift equipment rental 09/19/17 - 10 /17/17
Amount:	\$503.82

Component Description:	Equipment handling and transportation - July 2018
Amount:	\$70.83

Component Description:	Equipment delivery and handling - September 2017
Amount:	\$70.83

Component Description:	Reach lift man basket rental from 05/14/18-08/06/18.
Amount:	\$264.97

Component Description:	Reach lift man basket rental from 08/06/18 to 10/01/18.
Amount:	\$176.98

Component Description:	Equipment delivery and handling - October 2017
Amount:	\$77.91

Component Description:	Equipment delivery and handling - December 2017
Amount:	\$42.50

Component Description:	Equipment handling and transportation - KTVX radio parts
Amount:	\$450.00

Component Description:	Equipment delivery and handling - April 2018
Amount:	\$42.50

Component Description:	Equipment delivery and handling - August 2018
Amount:	\$62.50

Component Description:	Equipment delivery and handling - May 2018 - antenna combining system
Amount:	\$68.75

Component Description:	Equipment delivery and handling - Antenna Equipment
Amount:	\$28.33

Component Description:	Equipment transport - May 2018 Please see FCC Incentive auction repack reimbursement request and explanation. Invoice date updated.
Amount:	\$425.00

Component Description:	Split invoice between KTVX & KUCW station specific freight charges for delivery to tower site.
Amount:	\$225.00

Component Description:

KTVX specific
freight costs for
delivery to tower
site.

Amount:

\$450.00

Component Description:

Forklift Rental 5/14
/2018 to 8/06/2018.
Please see FCC
Incentive auction
repack
reimbursement
request and
explanation.

Amount:

\$1,553.69

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Dumpster service at site Amount: \$225.00
	Component Description: Dumpster service at site Amount: \$150.00
	Component Description: Dumpster service at site Amount: \$300.00
	Component Description: Dumpster service at site Amount: \$312.50
	Component Description: Dumpster service at site Amount: \$75.00
	Component Description: Dumpster service at site Amount: \$225.00
Non-zoning permits	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
MVPD Notification of Channel Change	Information not provided.

DTV Medical Facility Notification	Component Description:	Medical Facility Notification
	Amount:	\$2,385.00
	Component Description:	Medical Facility Notice
	Amount:	\$2,164.00
FCC Filing Fees - Form 2100 minor change CP application	Component Description:	Prepare Minor Modification of CP Application
	Amount:	\$2,500.00
KSTU Mask Filter	Component Description:	KSTU Mask Filter
	Amount:	\$4,691.66
	Component Description:	2018 Q3 State of Utah Use tax paid directly for Dielectric invoice 75049 see chart
	Amount:	\$321.37
	Component Description:	KSTU Mask Filter installation
	Amount:	\$4,316.66

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,393,248.54	\$2,621,067.11	\$1,653,723.65

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.	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.

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*

03/24/2021

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 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).	
		<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>Elizabeth Ryder <i>General Counsel</i></p> <p>03/24/2021</p>

Attachments