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: **6359** | Service: **DTV** | Call Sign: **KSL-TV** | Channel: **23 (UHF)**

File Number: **0000028696**

FRN: **0006165955** | Date Submitted: **03/29/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BONNEVILLE INTERNATIONAL CORPORATION Doing Business As: BONNEVILLE INTERNATIONAL CORPORATION	Michael L. Dowdle 55 NORTH 300 WEST 2ND FLOOR SALT LAKE CITY, UT 84101 United States	+1 (801) 575-5874	mdowdle@bonneville.com	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

Scott Cameron Jones , JONES . *Director Engineering and Technology* *Bonneville International*	SCOTT CAMERON JONES PO Box 1160 Suite 200 Salt Lake City, UT 84180 United States	+1 (801) 575-7433	sjones@ksl.com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	See Exhibit A (attached)

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	Paragon DCXP-2
	Year	2007
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 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	40 kW
	Justification for New Transmitter	Manufacturer does not recommend retuning current IOT transmitter. Cost of retuning is close to cost to replacement. KSL-TV is purchasing a GatesAir ULXTE-60. See Exhibit B. For equivalent replacement of existing transmitter, see Exhibit T for a ULXTE-40

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	2 inches
	Length	800.0 feet
	Other Electrical Service	Yes
	Description	Add breaker panels, breakers and infrastructure.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other 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

Information not provided.

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12.9 kW
	Justification for New Transmitter	See Exhibit C

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

Name	Description
Frequency Reference	Synchronize transmitter frequencies to avoid interference issues. See Exhibit C

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	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	81.0 %
	Lower Limit	590.00 MHz
	Upper Limit	680.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	546.0 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
69396	KUED
69582	KUEN
36607	KJZZ-TV
1136	KUCW
35823	KUTV
6359	KSL-TV
6823	KBYU-TV
68889	KTVX

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	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	Top
	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)	398.0 kW
	Manufacturer	
	Model	759 25063

	Year	2017
	Justification for New Antenna	Existing antenna cannot be retuned to service new channel assignments. See Exhibit D

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	Install 48 new broadband panels with harness. See Exhibit D

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	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	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
68889	KTVX	DTV
6823	KBYU-TV	DTV
6359	KSL-TV	DTV
77512	KPNZ	DTV
36607	KJZZ-TV	DTV
35823	KUTV	DTV
1136	KUCW	DTV
69582	KUEN	DTV
69396	KUED	DTV

Other Types of Users

Users

Go Go Air

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	The myriad of tasks, the amount of common equipment, the logistics and the implementation is extremely complex and requires coordination between members of DTV Utah, LLC. See Exhibit K
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	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Information not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	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
Adjacent channel mask filter	Adjacent channel mask filter for KSTU channel 28 to protect KUED on channel 27. See Exhibit N
Refuse disposal	Remove garbage from mountain top site
Road Maintenance	Plowing, grading, repairs and material to existing road to mountain top site. See Exhibit R
Temp sanitation	For workers on site
Transportation Services	Use snow-cat and helicopter to transport crews and equipment to the mountain site during winter conditions. See Exhibit R

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 ULXTE-20	**$1,005,240.00**	**$130,792.00**		**$0.00**	
Frequency Reference	***$1,440.00***	$1,440.00	1/8th shared cost	N/A	N/A
UHF inside RF system including switching	$147,500.00	$17,500.00	1/8th shared cost	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$68,995.00	1/8th shared cost. See Exhibit C	N/A	N/A
Switchgear - industrial 800 amp	$38,200.00	$4,357.00	1/8th cost	N/A	N/A
Transformer 3 phase /480v - 300 KVA	$36,800.00	$4,375.00	1/8th shared cost	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$20,800.00	$2,500.00	1/8th shared cost	N/A	N/A
50 Ton system	$266,000.00	$31,625.00	1/8th shared cost	N/A	N/A
Primary Transmitter ULXTE-40	**$1,578,800.00**	**$1,114,618.68**		**$44,276.10**	

2" Rigid Conduit and Wiring (Cost per foot)	$20,800.00	$20,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$1,013,318.68	New transmitter. KSL-TV will purchase a ULXTE-60 transmitter (exhibit B). For equivalent quote for our current transmitter, see exhibit T. Revised estimate based on actual costs.	$25,796.10	Original estimate was the catalog cost for the replacement transmitter. The additional cost is for the site survey, shipping, and installation.
Switchgear - industrial 800 amp	$38,200.00	$36,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	$36,800.00	$35,000.00	N/A	$18,480.00	N/A
Other Electrical Service: Add breaker panels, breakers and infrastructure.	***$10,000.00***	$10,000.00	Install new breaker panel and breakers	$0.00	N/A
Sub-total	$2,584,040.00	$1,245,410.68	N/A	$44,276.10	N/A
Total for all systems	$6,251,259.69	$2,988,492.21	N/A	$50,861.10	N/A

Components

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

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:** Site survey **Amount:** $25,796.10 **Component Description:** ULXTE-60 Transmitter 2nd Progress Payment **Amount:** $389,617.73 **Component Description:** UXTLE-60 Final Payment. Requesting reimbursement for a lesser amount because transmitter is an upgrade from existing transmitter. **Amount:** $127,409.09 **Component Description:** ULXTE-60 Transmitter Down payment at time of order **Amount:** $375,481.37 **Component Description:** Transmitter installation services **Amount:** $63,855.32 **Component Description:** Engineering design services **Amount:** $24,054.07 **Component Description:** Shipping costs for transmitter **Amount:** $7,105.00
Switchgear - industrial 800 amp	Information not provided.

Transformer 3 phase/480v - 300 KVA	**Component Description:**	progress payment on electrical work on primary transmitter
	Amount:	$18,480.00
	Component Description:	Electric installation for primary transmitter downpayment
	Amount:	$9,417.00
	Component Description:	Continuing electrical work on primary transmitter
	Amount:	$1,150.69
	Component Description:	Final payment for electrical work on primary transmitter. remaining invoice amount on other electrical service line.
	Amount:	$5,952.31
Other Electrical Service: Add breaker panels, breakers and infrastructure.	**Component Description:**	Electrical work on primary transmitter
	Amount:	$6,824.55

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	**$425,804.23**	**$380,671.07**		**$0.00**	
Antenna Installation	***$37,677.00***	$37,677.00	1/8th shared cost. See Exhibit D	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	$13,700.00	$1,625.00	1/8th shared cost	N/A	N/A
Combiner output splitting /switching for dual feed lines, if applicable	$126,000.00	$0.00	Included in combiner cost. See Exhibit E	N/A	N/A
UHF - High Power Top Mount Eight Station broadband panel antenna horizontally polarized	***$157,497.23***	$157,497.23	1/8th shared costs for new antenna panels and harness kits. See Exhibit D	N/A	N/A
Sweep test of existing antenna	$6,730.00	$2,125.00	1/8th shared cost	N/A	N/A

New combiner, cost per channel (without antenna)	$84,200.00	$181,746.84	1/8th shared cost for replacement waveguide combiner	N/A	N/A
Sub-total	$425,804.23	$380,671.07	N/A	$0.00	N/A
Total for all systems	$6,251,259.69	$2,988,492.21	N/A	$50,861.10	N/A

Components

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**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$50,000.00	1/8th shared cost	N/A	N/A
Major tower reinforcement /modifications	$421,000.00	$50,000.00	1/8th shared cost	N/A	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$1,500.00	1/8th shared costs	N/A	N/A
Sub-total	$854,600.00	$101,500.00	N/A	$0.00	N/A
Total for all systems	$6,251,259.69	$2,988,492.21	N/A	$50,861.10	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 Cost Justification
Outside Professional Services	**$272,300.00**	**$78,250.00**		**$210.00**	
RF Exposure Measurements	$21,050.00	$2,500.00	1/8th shared costs	N/A	N/A
Comprehensive coverage verification via field study, if needed	$84,200.00	$10,000.00	1/8th shared cost	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$7,360.00	$7,000.00	N/A	$0.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	$0.00	Additional legal fees due to the complexity of the DTV Utah/ KSL TV relationship
Prepare request for Special Temporary Authorization	$4,100.00	$3,000.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	N/A	N/A
Project management of the transition	$126,400.00	$28,000.00	1/8th shared costs	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	N/A	$210.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A
Sub-total	$272,300.00	$78,250.00	N/A	$210.00	N/A
Total for all systems	$6,251,259.69	$2,988,492.21	N/A	$50,861.10	N/A

Components

Actual Information Description	File Name	
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	**Component Description:** **Amount:**	Special Temporary Authorization $1,218.00
Attorney Fees - Negotiation of lease and other matters for shared locations	**Component Description:** **Amount:**	Legal Fees associated with KSL TV shared facilities $1,176.00
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	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.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Project management of the transition	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** Amount related to construction permit **Amount:** $504.00 **Component Description:** Amount related to preparation of construction permit **Amount:** $336.00 **Component Description:** Amount related to construction permit **Amount:** $504.00 **Component Description:** Amount related to construction permit **Amount:** $210.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover 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 Justification
Other Expenses	**$108,965.46**	**$108,360.46**		**$6,375.00**	
Transportation Services	***$2,500.00***	$2,500.00	1/8th shared cost. Snow-cat to mountain top. See Exhibit R	N/A	N/A
Temp sanitation	***$3,000.00***	$3,000.00	Septic system maintenance and portable restroom facilities on site. 1/8th shared costs. See Exhibit S	N/A	N/A
Road Maintenance	***$7,500.00***	$7,500.00	Plowing and maintenance to existing 12 mile dirt road to top of mountain. 1/8th shared costs. See Exhibit R	N/A	N/A
Refuse disposal	***$1,500.00***	$1,500.00	1/8th shared cost	N/A	N/A
Adjacent channel mask filter	***$12,275.46***	$12,275.46	Mask filter to avoid interference from adjacent channel KSTU	N/A	N/A

MVPD Notification of Channel Change	***$5,000.00***	$5,000.00	Certified letter notices to all MVPD's	N/A	N/A
Develop and air announcement of upcoming channel change	***$25,000.00***	$25,000.00	Production air schedule, radio, internet and other advertising notifications.	N/A	N/A
Equipment Delivery and Handling Charges	***$8,125.00***	$8,125.00	1/8th shared costs. Forklift, operator, trucking service from warehouse to mountain top site. See Exhibit P	$6,375.00	Overage is due to the remote location of the transmitter site
Disposal Costs (for equipment and other waste, net of any salvage value)	***$25,000.00***	$25,000.00	Remove and safe disposal of old transmitter, RF system and electrical. $10k of the total is 1/8th shared cost	N/A	N/A
Equipment Storage	***$4,000.00***	$4,000.00	Temp storage 1 /8th shared costs. Warehouse storage for 16 months, on-site storage pods. See Exhibit Q	N/A	N/A

Non-zoning permits	***$1,875.00***	$1,875.00	Tooele County building, electrical and mechanical permits. County will not furnish estimates 1 /8th shared costs	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	N/A	N/A
Sub-total	$108,965.46	$108,360.46	N/A	$6,375.00	N/A
Total for all systems	$6,251,259.69	$2,988,492.21	N/A	$50,861.10	N/A

Components

Actual Information Description	File Name
Transportation Services	Information not provided.
Temp sanitation	Information not provided.
Road Maintenance	Information not provided.

Refuse disposal	Information not provided.
Adjacent channel mask filter	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	**Component Description:** labor and delivery duct installation **Amount:** $4,343.00 **Component Description:** copper pipe delivery **Amount:** $600.00 **Component Description:** Labor and delivery for primary transmitter **Amount:** $2,325.00 **Component Description:** Labor and delivery for primary transmitter **Amount:** $3,450.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Equipment Storage	Information not provided.
Non-zoning permits	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$6,251,259.69	$2,988,492.21	$50,861.10

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.	**Michael Lee Dowdle** *SVP Business Affairs and General Counsel* 03/29/2018

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.	**Michael Lee Dowdle** *SVP Business Affairs and General Counsel* 03/29/2018

Attachments