



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **69571** | Service: **DTV** | Call **KZJO** | Channel: **36 (UHF)** |
ID: | Sign:
File **0000028106**
Number:
FRN: **0005795067** | Date **06/30**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FOX TELEVISION STATIONS, LLC Doing Business As: FOX TELEVISION STATIONS, LLC	Joseph M. DiScipio 400 NORTH CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	JOE. DISCIPO@FOX.COM	Limited Liability Company

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Dennis Wallace <i>Managing Partner</i> <i>Meintel, Sgrignoli & Wallace, LLC</i>	Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (202) 251-7589	Dennis. Wallace@mswdtv.com

**Broadcaster
Information
and
Transition
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Replace current top mount antenna and TX line Replace current transmitter Due to anticipated delays the Main antenna may need to be changed post P7. KZJO will need to operate on Interim antenna longer than initially planned.

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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	Elite
	Year	2010
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	9 kW

**Auxiliary
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-10
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.2 kW
	Justification for New Transmitter	Thompson transmitter is not re- tunable or supported.

**Auxiliary
Transmitter****Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A

HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

**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	DCX-2
	Year	2000
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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-120
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	76 kW
	Justification for New Transmitter	The current transmitter is not re-tunable as state by the manufacturer. ULXTE-120 is the required size with or with our E-pole.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches

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

Primary Transmitter **Other Transmitter Cost Not Listed**

Name	Description
HVAC	Fresh air hood for new transmitters
Water line	Had to move waterline for new transmitters
Electrical work	Install panels, xfmr, power, etc. to xmtrs

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TFU20-GTH 04
Year	2001

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	

Model	TFU-22JTH /VP-R 04
Year	2019
Justification for New Antenna	Current antenna will not work on assigned channel

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	7 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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
Elbows		Elbow 8-75 EIA DIGIT 12x24
Tax		Washington State Taxes
Feed through		Elbow complex to antenna connection 6" line
Bird Cage		Antenna Mounting adapter (wedding cake)

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	602.00 MHz
	Design power capacity in use	25.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	200.0 kW
	Manufacturer	
	Model	TFU-WB16
	Year	2019

	Justification for New Antenna	Interim antenna to stay on the air during transition
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**Interim
Antenna**

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	737 feet per run

Primary **New Transmission Line**
Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	737 feet per run
	Justification for New Transmission Line	Current line is not the correct section length

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line

Information not provided.

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	19 ¾ '
	Other Segment Length	
	Number of parallel runs	1
	Length	575 feet per run
	Justification for New Transmission Line	To feed interim antenna

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1226015
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	47° 36' 56.3" N-
	Longitude (NAD83)	122° 18' 30.4" W-
	Overall Structure Height	682.08 feet
	Support Structure Height	569.87 feet

	Ground Elevation Above Mean Sea Level (AMSL)	410.10 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Tribune Broadcasting Seattle, LLC
	Date Constructed	07/10/2001

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	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	400
	Explanation	Outside management of the project
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	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A

	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Other Professional Services Expenses Not Listed
Professional Services Costs 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	Yes
	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
Security	Security costs for the tower site

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-120	\$2,224,535.20	\$2,221,735.20		\$2,111,039.48	
Electrical work	<i>\$160,000.00</i>	\$160,000.00	N/A	\$159,809.05	N/A
Water line	<i>\$2,587.35</i>	\$2,587.35	N/A	\$2,587.35	N/A
HVAC	<i>\$14,147.85</i>	\$14,147.85	install fresh air hoods for new transmitters	\$7,541.85	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 76 kW	<i>\$1,990,000.00</i>	\$1,990,000.00	N/A	\$1,921,283.23	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$19,818.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Auxiliary Transmitter ULXTE-10	\$273,500.00	\$243,000.00		\$187,224.35	

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$243,000.00	N/A	\$187,224.35	N/A
Sub-total	\$2,498,035.20	\$2,464,735.20	N/A	\$2,298,263.83	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information	
Description	File Name
Electrical work	Component Description: electrical work
	Amount: \$62,757.00
	Component Description: final invoice
	Amount: \$97,052.05
Water line	Component Description: Had to move waterline for new KZJO transmitter
	Amount: \$2,587.35

HVAC	<table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1161 174 1377 286">Final billing - fresh air hoods for new KZJO transmitter</td></tr> <tr> <td data-bbox="722 297 831 331">Amount:</td><td data-bbox="1161 297 1281 331">\$7,541.85</td></tr> <tr> <td data-bbox="722 432 1029 465">Component Description:</td><td data-bbox="1161 432 1377 589">progress billing - fresh air hoods for new KZJO transmitter</td></tr> <tr> <td data-bbox="722 600 831 633">Amount:</td><td data-bbox="1161 600 1281 633">\$6,606.00</td></tr> </table>	Component Description:	Final billing - fresh air hoods for new KZJO transmitter	Amount:	\$7,541.85	Component Description:	progress billing - fresh air hoods for new KZJO transmitter	Amount:	\$6,606.00												
Component Description:	Final billing - fresh air hoods for new KZJO transmitter																				
Amount:	\$7,541.85																				
Component Description:	progress billing - fresh air hoods for new KZJO transmitter																				
Amount:	\$6,606.00																				
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.																				
UHF - Liquid Cooled Solid State Transmitter 76 kW	<table> <tr> <td data-bbox="722 882 1029 916">Component Description:</td><td data-bbox="1161 882 1326 949">4th payment - ULXTE-120</td></tr> <tr> <td data-bbox="722 960 831 994">Amount:</td><td data-bbox="1161 960 1310 994">\$102,184.62</td></tr> <tr> <td data-bbox="722 1106 1029 1140">Component Description:</td><td data-bbox="1161 1106 1361 1252">certification label on primary transmitter ULXTE-120</td></tr> <tr> <td data-bbox="722 1263 831 1296">Amount:</td><td data-bbox="1161 1263 1281 1296">\$2,400.00</td></tr> <tr> <td data-bbox="722 1397 1029 1431">Component Description:</td><td data-bbox="1161 1397 1353 1464">ULXTE-120 2nd payment</td></tr> <tr> <td data-bbox="722 1476 831 1509">Amount:</td><td data-bbox="1161 1476 1310 1509">\$571,106.09</td></tr> <tr> <td data-bbox="722 1621 1029 1655">Component Description:</td><td data-bbox="1161 1621 1366 1688">payment ULXTE-120</td></tr> <tr> <td data-bbox="722 1700 831 1733">Amount:</td><td data-bbox="1161 1700 1310 1733">\$676,886.43</td></tr> <tr> <td data-bbox="722 1845 1029 1879">Component Description:</td><td data-bbox="1161 1845 1302 1912">deposit for ULXTE-120</td></tr> <tr> <td data-bbox="722 1924 831 1957">Amount:</td><td data-bbox="1161 1924 1310 1957">\$571,106.09</td></tr> </table>	Component Description:	4th payment - ULXTE-120	Amount:	\$102,184.62	Component Description:	certification label on primary transmitter ULXTE-120	Amount:	\$2,400.00	Component Description:	ULXTE-120 2nd payment	Amount:	\$571,106.09	Component Description:	payment ULXTE-120	Amount:	\$676,886.43	Component Description:	deposit for ULXTE-120	Amount:	\$571,106.09
Component Description:	4th payment - ULXTE-120																				
Amount:	\$102,184.62																				
Component Description:	certification label on primary transmitter ULXTE-120																				
Amount:	\$2,400.00																				
Component Description:	ULXTE-120 2nd payment																				
Amount:	\$571,106.09																				
Component Description:	payment ULXTE-120																				
Amount:	\$676,886.43																				
Component Description:	deposit for ULXTE-120																				
Amount:	\$571,106.09																				

Switchgear - industrial 800 amp	<div> Component Description: 12% completion on electrical work</div> <div> Amount: \$19,818.00</div>
Service entrance 3 phase /800 amp/208 volt	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<div> Component Description: deposit ULXTE-10</div> <div> Amount: \$53,710.40</div>
	<div> Component Description: payment ULXTE-10</div> <div> Amount: \$34,873.71</div>
	<div> Component Description: ULXTE-10</div> <div> Amount: \$44,929.84</div>
	<div> Component Description: certification label on aux transmitter ULXTE-10</div> <div> Amount: \$2,600.00</div>
	<div> Component Description: ULXTE-10 2nd payment</div> <div> Amount: \$53,710.40</div>

Cost
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-WB16	\$233,080.00	\$171,360.00		\$110,692.79	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$140,000.00	N/A	\$97,306.53	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$12,000.00	N/A	\$6,986.26	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$12,960.00	N/A	\$0.00	N/A

Primary Antenna TFU-22JTH /VP-R 04	\$370,090.00	\$261,860.00		\$199,157.04	
Tax	\$5,000.00	\$5,000.00	N/A	\$1,112.72	N/A
Bird Cage	\$20,000.00	\$20,000.00	N/A	\$16,497.00	N/A
Feed through	\$22,000.00	\$22,000.00	N/A	\$18,815.62	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Elbows	\$12,960.00	\$12,960.00	N/A	\$12,960.00	N/A
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$13,500.00	N/A	\$12,224.70	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$182,000.00	N/A	\$131,787.00	N/A
Sub-total	\$603,170.00	\$433,220.00	N/A	\$309,849.83	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information
Description

File Name

Sweep test of existing antenna	<table> <tr> <td data-bbox="719 174 1027 208">Component Description:</td><td data-bbox="1161 174 1291 208">sweep test</td></tr> <tr> <td data-bbox="719 215 831 248">Amount:</td><td data-bbox="1161 215 1260 248">\$640.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="719 353 1027 387">Component Description:</td><td data-bbox="1161 353 1310 427">Sweep test - deposit</td></tr> <tr> <td data-bbox="719 434 831 468">Amount:</td><td data-bbox="1161 434 1281 468">\$2,880.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="719 573 1027 607">Component Description:</td><td data-bbox="1161 573 1361 647">Sweep test - 2nd payment</td></tr> <tr> <td data-bbox="719 654 831 687">Amount:</td><td data-bbox="1161 654 1281 687">\$2,880.00</td></tr> </table>	Component Description:	sweep test	Amount:	\$640.00			Component Description:	Sweep test - deposit	Amount:	\$2,880.00			Component Description:	Sweep test - 2nd payment	Amount:	\$2,880.00
Component Description:	sweep test																
Amount:	\$640.00																
Component Description:	Sweep test - deposit																
Amount:	\$2,880.00																
Component Description:	Sweep test - 2nd payment																
Amount:	\$2,880.00																
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<table> <tr> <td data-bbox="719 824 1027 857">Component Description:</td><td data-bbox="1161 824 1353 976">monies applied here because of zero balance invoice.</td></tr> <tr> <td data-bbox="719 983 831 1016">Amount:</td><td data-bbox="1161 983 1281 1016">\$5,574.03</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="719 1122 1027 1155">Component Description:</td><td data-bbox="1161 1122 1366 1196">TFU-16WB C16 - 2nd payment</td></tr> <tr> <td data-bbox="719 1202 831 1236">Amount:</td><td data-bbox="1161 1202 1297 1236">\$45,866.25</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="719 1341 1027 1375">Component Description:</td><td data-bbox="1161 1341 1366 1415">TFU-16WB C16 - Deposit</td></tr> <tr> <td data-bbox="719 1422 831 1456">Amount:</td><td data-bbox="1161 1422 1297 1456">\$45,866.25</td></tr> </table>	Component Description:	monies applied here because of zero balance invoice.	Amount:	\$5,574.03			Component Description:	TFU-16WB C16 - 2nd payment	Amount:	\$45,866.25			Component Description:	TFU-16WB C16 - Deposit	Amount:	\$45,866.25
Component Description:	monies applied here because of zero balance invoice.																
Amount:	\$5,574.03																
Component Description:	TFU-16WB C16 - 2nd payment																
Amount:	\$45,866.25																
Component Description:	TFU-16WB C16 - Deposit																
Amount:	\$45,866.25																
Side mount brackets for high power antennas (if not included in antenna base cost)	<table> <tr> <td data-bbox="719 1592 1027 1626">Component Description:</td><td data-bbox="1161 1592 1361 1626">Mounts - deposit</td></tr> <tr> <td data-bbox="719 1632 831 1666">Amount:</td><td data-bbox="1161 1632 1281 1666">\$3,493.13</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="719 1771 1027 1805">Component Description:</td><td data-bbox="1161 1771 1318 1845">Mounts - 2nd payment</td></tr> <tr> <td data-bbox="719 1852 831 1886">Amount:</td><td data-bbox="1161 1852 1281 1886">\$3,493.13</td></tr> </table>	Component Description:	Mounts - deposit	Amount:	\$3,493.13			Component Description:	Mounts - 2nd payment	Amount:	\$3,493.13						
Component Description:	Mounts - deposit																
Amount:	\$3,493.13																
Component Description:	Mounts - 2nd payment																
Amount:	\$3,493.13																

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	elbow 8-75 N/A
Tax	Component Description: Amount:	Washington State Taxes \$180.29
	Component Description: Amount:	Washington State Taxes \$467.02
	Component Description: Amount:	Washington State Taxes \$1,370.87
	Component Description: Amount:	Washington State Taxes \$465.41
	Component Description: Amount:	Washington State Taxes \$369.68
Bird Cage	Component Description: Amount:	BIRDCAGE \$8,248.50
	Component Description: Amount:	Birdcage - deposit \$8,248.50

Feed through	Component Description:	feed through -
	Amount:	deposit \$9,407.81
	Component Description:	FEED THROUGH
	Amount:	\$9,407.81
Sweep test of existing antenna	Component Description:	Sweep test
	Amount:	\$2,880.00
	Component Description:	Sweep test -
	Amount:	deposit \$2,880.00
Elbows	Component Description:	Elbows
	Amount:	\$12,960.00
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	Component Description:	Elbow complex -
	Amount:	deposit \$6,112.35
	Component Description:	Elbow complex
	Amount:	\$6,112.35
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description:	TFU-22JTH/VP-R
	Amount:	06 - Deposit \$65,893.50
	Component Description:	TFU-22JTH/VP-R
	Amount:	06 \$65,893.50

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$116,150.00	\$145,000.00		\$101,271.60	
Rigid Transmission Line - copper, 6 1/8"	\$116,150.00	\$145,000.00	N/A	\$101,271.60	N/A
Primary Transmission Line	\$255,739.00	\$184,000.00		\$183,048.80	
Rigid Transmission Line - copper, 8 3/16"	\$255,739.00	\$184,000.00	N/A	\$183,048.80	N/A
Sub-total	\$371,889.00	\$329,000.00	N/A	\$284,320.40	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line -
copper, 6 1/8"

Component Description: transmission line -
deposit
Amount: \$48,978.68

Component Description: TLSCR'S - Deposit
Amount: \$1,657.12

Component Description: TLSCR'S - Deposit
Amount: \$1,657.12

Component Description: Transmission line -
2nd payment
Amount: \$48,978.68

Rigid Transmission Line -
copper, 8 3/16"

Component Description: 4 cut pieces
Amount: \$4,608.00

Component Description: cut piece needed
to make deadline
Amount: \$4,648.00

Component Description: 2 cut pieces
Amount: \$4,624.00

Component Description: TLSCR 7/75 1 @
15.750 inches
Amount: \$1,785.00

Component Description: transmission line -
deposit
Amount: \$80,554.50

Component Description: TLSCR'S - Deposit
Amount: \$3,137.40

Component Description: TLSCR'S
Amount: \$3,137.40

Component Description: transmission line
Amount: \$80,554.50

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	\$605,300.00	\$548,757.00		\$469,099.15	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$406,000.00	N/A	\$405,608.40	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$117,257.00	N/A	\$50,370.75	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,500.00	N/A	\$13,120.00	N/A
Sub-total	\$605,300.00	\$548,757.00	N/A	\$469,099.15	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information	
Description	File Name

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<div data-bbox="719 174 1310 248"> Component Description: rigging costs Amount: \$213,373.80 </div> <div data-bbox="719 353 1372 470"> Component Description: deposit for rigging costs Amount: \$185,628.60 </div> <div data-bbox="719 575 1319 649"> Component Description: weather days Amount: \$6,606.00 </div>
Minor tower reinforcement /modifications	<div data-bbox="719 784 1295 857"> Component Description: tower work. Amount: \$66,885.75 </div> <div data-bbox="719 963 1377 1037"> Component Description: Aux Antenna work Amount: \$50,370.75 </div>

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

Component Description: Engineering costs
Amount: \$352.00

Component Description: Engineering costs
Amount: \$3,168.00

Component Description: Engineering costs
Amount: \$2,437.50

Component Description: drawings and
specs
Amount: \$718.75

Component Description: Engineering costs
Amount: \$1,125.00

Component Description: drawings and
specs
Amount: \$3,406.25

Component Description: Engineering costs
Amount: \$3,375.00

Component Description: Drawings and
specs
Amount: \$1,375.00

Component Description: Engineering costs
Amount: \$1,912.50

Component Description: Engineering costs
Amount: \$6,055.50

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	\$100,445.00	\$94,500.00		\$10,776.07	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Project management of the transition	\$63,200.00	\$60,000.00	N/A	\$10,776.07	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A

Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Sub-total	\$100,445.00	\$94,500.00	N/A	\$10,776.07	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information	
Description	File Name
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Project management of the transition	<div> Component Description: Project Management Amount: \$95.00 </div> <div> Component Description: Project Management Amount: \$95.00 </div> <div> Component Description: Project Management Amount: \$380.00 </div>

	Component Description:	Project Management
	Amount:	\$3,580.54
	Component Description:	Project Management
	Amount:	\$475.00
	Component Description:	Project Management
	Amount:	\$2,150.53
	Component Description:	Project Management
	Amount:	\$95.00
	Component Description:	Project management
	Amount:	\$1,250.00
	Component Description:	Project management
	Amount:	\$1,250.00
	Component Description:	pre and post construction site visits
	Amount:	\$2,000.00
	Component Description:	pre and post site visits
	Amount:	\$750.00
RF Exposure Measurements	Information not provided.	
Prepare request for Special Temporary Authorization	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	\$207,018.15	\$206,413.15		\$81,153.07	
Security	<i>\$31,728.15</i>	\$31,728.15	N/A	\$31,728.15	N/A
MVPD Notification of Channel Change	<i>\$11,000.00</i>	\$11,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	\$3,271.50	N/A
Equipment Delivery and Handling Charges	<i>\$76,100.00</i>	\$76,100.00	N/A	\$40,738.74	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	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 - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$1,664.68	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	\$0.00	N/A
Local Zoning	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Sub-total	\$207,018.15	\$206,413.15	N/A	\$81,153.07	N/A
Total for all systems	\$4,385,857.35	\$4,076,625.35	N/A	\$3,453,462.35	N/A

Components

Actual Information	
Description	File Name
Security	<p>Component Description: security for tower site</p> <p>Amount: \$31,728.15</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	Component Description:		Storage fees
	Amount:		\$206.00
	Component Description:		Storage fees
	Amount:		\$206.00
	Component Description:		Storage fees
	Amount:		\$721.00
	Component Description:		Storage fees
	Amount:		\$164.00
	Component Description:		Storage fees
	Amount:		\$164.00
Equipment Delivery and Handling Charges	Component Description:		Storage fees
	Amount:		\$992.00
	Component Description:		Storage fees
	Amount:		\$164.00
	Component Description:		storage fees
	Amount:		\$504.50
	Component Description:		Dec. storage fees
	Amount:		\$150.00
	Component Description:		Storage Fee
	Amount:		\$10,075.00
	Component Description:		delivery charges
	Amount:		\$992.00

Component Description:	Delivery fees
Amount:	\$583.50

Component Description:	Delivery fees
Amount:	\$583.50

Component Description:	Freight and Shipping
Amount:	\$612.93

Component Description:	Freight and Shipping
Amount:	\$2,917.92

Component Description:	Delivery fees
Amount:	\$164.00

Component Description:	Delivery fees
Amount:	\$748.00

Component Description:	Delivery fees
Amount:	\$670.50

Component Description:	Freight charges
Amount:	\$17,300.00

Component Description:	Equipment Rental
Amount:	\$1,453.32

Component Description:	Delivery fees
Amount:	\$1,255.00

Component Description:	Delivery charges
Amount:	\$2,798.00

Component Description:	Delivery fees
Amount:	\$658.00

Component Description:	Freight and Shipping
Amount:	\$3,798.32

Component Description:	Delivery fees
Amount:	\$583.50

Component Description:	Equipment Rental
Amount:	\$1,453.32

Component Description:	Equipment Rental
Amount:	\$1,882.71

Component Description:	Equipment Rental
Amount:	\$663.90

Component Description:	Delivery fees
Amount:	\$167.00

Component Description:	Freight and Shipping
Amount:	\$7,651.24

Component Description:	Freight and Shipping
Amount:	\$26,352.47

Component Description:	equipment rental
Amount:	\$321.49

	Component Description: equipment rental Amount: \$1,019.18
	Component Description: Equipment Rental Amount: \$1,453.32
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	Component Description: medical testing Amount: \$3,750.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: disposal of waste Amount: \$1,664.68 Component Description: disposal of waste Amount: \$2,081.87
Non-zoning permits	Component Description: City of Seattle permits Amount: \$603.25 Component Description: Permits for City of Seattle and labor for permits. Amount: \$4,351.25
Local Zoning	Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$4,385,857.35	\$4,076,625.35
			\$3,453,462.35

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Angelo Servedio SVP Controller</p> <p>06/30/2020</p>

Attachments