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: **69571** | Service: **DTV** | Call Sign: **KZJO** | Channel: **36 (UHF)**

File Number: **0000028106**

FRN: **0005795067** | Date Submitted: **01/28/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FOX TELEVISION STATIONS, LLC	Ann West Bobeck 101 Constitution Avenue Suite 200 West WASHINGTON, DC 20001 United States	+1 (202) 824-6503	ann.bobeck@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 *Managing Partner* *Meintel, Sgrignoli & Wallace, LLC*	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 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Field Engineering - Aux	Field evaluation, electrical of Aux transmitter as required by state

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 leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Electrical work	Install panels, xfmr, power, etc. to xmtrs
HVAC	Fresh air hood for new transmitters
Water line	Had to move waterline for new transmitters
Field Evaluation of Transmitter	Field eval and inspection of transmitter
Field Engineering - Transmitter	Field Engineer onsite

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
Feed through	Elbow complex to antenna connection 6" line
Tax	Washington State Taxes
Elbows	Elbow 8-75 EIA DIGIT 12x24
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

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 Transmission Line

New 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 Transmission Line

Other Transmission Line Expenses Not Listed

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 Professional Services Costs

Other Professional Services Expenses Not Listed

Services 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	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	**$2,233,335.20**	**$2,230,535.20**		**$2,126,445.48**	
Field Engineering - Transmitter	***$6,400.00***	$6,400.00	Field engineer onsite for transmitter	$6,400.00	N/A
Field Evaluation of Transmitter	***$2,400.00***	$2,400.00	Field evaluation of transmitter	$2,400.00	N/A
Water line	***$2,587.35***	$2,587.35	N/A	$2,587.35	N/A
HVAC	***$14,147.85***	$14,147.85	install fresh air hoods for new transmitters	$14,147.85	N/A
Electrical work	***$160,000.00***	$160,000.00	N/A	$159,809.05	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$5,000.00	N/A	N/A	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

UHF - Liquid Cooled Solid State Transmitter 76 kW	***$1,990,000.00***	$1,990,000.00	N/A	$1,921,283.23	N/A
Auxiliary Transmitter ULXTE-10	**$276,100.00**	**$245,600.00**		**$189,824.35**	
Field Engineering - Aux	***$2,600.00***	$2,600.00	N/A	$2,600.00	N/A
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	$2,509,435.20	$2,476,135.20	N/A	$2,316,269.83	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	**File Name**	
Field Engineering - Transmitter	**Component Description:** **Amount:**	One field engineer onsite for one day for transmitter. $6,400.00
Field Evaluation of Transmitter	**Component Description:** **Amount:**	Field Eval of Gates Air Transmitter per WA state requirements $2,400.00

Water line	**Component Description:** **Amount:**	Had to move waterline for new KZJO transmitter $2,587.35
HVAC	**Component Description:** **Amount:**	Final billing - fresh air hoods for new KZJO transmitter $7,541.85
	Component Description: **Amount:**	Progress payment on fresh air hoods for HVAC. $6,606.00
	Component Description: **Amount:**	progress billing - fresh air hoods for new KZJO transmitter $6,606.00
Electrical work	**Component Description:** **Amount:**	electrical work $62,757.00
	Component Description: **Amount:**	final invoice $97,052.05
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Switchgear - industrial 800 amp	**Component Description:** **Amount:**	12% completion on electrical work $19,818.00
Service entrance 3 phase /800 amp/208 volt	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 76 kW	**Component Description:** **Amount:**	4th payment - ULXTE-120 $102,184.62
	Component Description: **Amount:**	payment ULXTE-120 $676,886.43
	Component Description: **Amount:**	deposit for ULXTE-120 $571,106.09
	Component Description: **Amount:**	ULXTE-120 2nd payment $571,106.09
	Component Description: **Amount:**	certification label on primary transmitter ULXTE-120 $2,400.00
Field Engineering - Aux	**Component Description:** **Amount:**	Field evaluation of aux transmitter, as required by state $2,600.00

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	**Component Description:** **Amount:**	deposit ULXTE-10 $53,710.40
	Component Description: **Amount:**	payment ULXTE-10 $34,873.71
	Component Description: **Amount:**	ULXTE-10 $44,929.84
	Component Description: **Amount:**	certification label on aux transmitter ULXTE-10 $2,600.00
	Component Description: **Amount:**	ULXTE-10 2nd payment $53,710.40

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**	
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
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
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A

Primary Antenna TFU-22JTH /VP-R 04	**$370,090.00**	**$261,860.00**		**$200,897.59**	
Bird Cage	***$20,000.00***	$20,000.00	N/A	$16,497.00	N/A
Elbows	***$12,960.00***	$12,960.00	N/A	$12,960.00	N/A
Tax	***$5,000.00***	$5,000.00	N/A	$2,853.27	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
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$5,760.00	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
Feed through	***$22,000.00***	$22,000.00	N/A	$18,815.62	N/A
Sub-total	$603,170.00	$433,220.00	N/A	$311,590.38	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	File Name

Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:** **Amount:**	Mounts - deposit $3,493.13
	Component Description: **Amount:**	Mounts - 2nd payment $3,493.13
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:**	elbow 8-75 N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	**Component Description:** **Amount:**	monies applied here because of zero balance invoice. $5,574.03
	Component Description: **Amount:**	TFU-16WB C16 - 2nd payment $45,866.25
	Component Description: **Amount:**	TFU-16WB C16 - Deposit $45,866.25

Sweep test of existing antenna	**Component Description:** **Amount:**	Sweep test - 2nd payment $2,880.00
	Component Description: **Amount:**	Sweep test - deposit $2,880.00
	Component Description: **Amount:**	sweep test $640.00
Bird Cage	**Component Description:** **Amount:**	Birdcage - deposit $8,248.50
	Component Description: **Amount:**	BIRDCAGE $8,248.50
Elbows	**Component Description:** **Amount:**	Elbows $12,960.00

Tax	**Component Description:**	Sales tax on Dielectric Invoice #682016, transmission line shipping.
	Amount:	$1,370.87
	Component Description:	Washington State Taxes
	Amount:	$467.02
	Component Description:	Washington State Taxes
	Amount:	$180.29
	Component Description:	Sales Tax on invoice 592019
	Amount:	$369.68
	Component Description:	Washington State Taxes
	Amount:	$1,370.87
	Component Description:	Washington State Taxes
	Amount:	$369.68
	Component Description:	Washington State Taxes
	Amount:	$465.41

Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	**Component Description:** **Amount:**	Elbow complex $6,112.35
	Component Description: **Amount:**	Elbow complex - deposit $6,112.35
Sweep test of existing antenna	**Component Description:** **Amount:**	Sweep test $2,880.00
	Component Description: **Amount:**	Sweep test - deposit $2,880.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	TFU-22JTH/VP-R06 - Deposit $65,893.50
	Component Description: **Amount:**	TFU-22JTH/VP-R06 $65,893.50
Feed through	**Component Description:** **Amount:**	feed through - deposit $9,407.81
	Component Description: **Amount:**	FEED THROUGH $9,407.81

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**		**$103,595.60**	
Rigid Transmission Line - copper, 6 1/8"	$116,150.00	$145,000.00	N/A	$103,595.60	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	$286,644.40	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	File Name

Rigid Transmission Line - copper, 6 1/8"	**Component Description:** **Amount:**	TLSCR'S - Deposit $1,657.12
	Component Description: **Amount:**	TLSCR'S - Deposit $1,657.12
	Component Description: **Amount:**	Rigid transmission line $2,324.00
	Component Description: **Amount:**	Transmission line - 2nd payment $48,978.68
	Component Description: **Amount:**	transmission line - deposit $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:	TLSCR'S - Deposit
	Amount:	$3,137.40
	Component Description:	TLSCR'S
	Amount:	$3,137.40
	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
	Amount:	$80,554.50
	Component Description:	transmission line - deposit
	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**		**$479,779.15**	
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	$23,800.00	N/A
Minor tower reinforcement /modifications	$158,000.00	$117,257.00	N/A	$50,370.75	Previous 2 invoices were rejected but are counting towards sub-total
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
Sub-total	$605,300.00	$548,757.00	N/A	$479,779.15	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	File Name	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	**Component Description:** **Amount:**	Engineering costs $3,168.00
	Component Description: **Amount:**	Rigging plan analysis $3,375.00
	Component Description: **Amount:**	Engineering costs $2,437.50
	Component Description: **Amount:**	drawings and specs $718.75
	Component Description: **Amount:**	Engineering project management for tower work $1,250.00
	Component Description: **Amount:**	drawings and specs $3,406.25
	Component Description: **Amount:**	Drawings and specs $1,375.00
	Component Description: **Amount:**	Engineering costs $352.00
	Component Description: **Amount:**	Engineering costs $1,125.00

	Component Description: **Amount:**	Engineering costs $6,055.50
	Component Description: **Amount:**	Engineering costs $3,375.00
	Component Description: **Amount:**	Tower mapping and observation $6,055.00
	Component Description: **Amount:**	Engineering costs $1,912.50
Minor tower reinforcement /modifications	**Component Description:** **Amount:**	Tower work for antenna and transmission install $50,370.75
	Component Description: **Amount:**	tower work. $66,885.75
	Component Description: **Amount:**	Aux Antenna work $50,370.75
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** **Amount:**	rigging costs $213,373.80
	Component Description: **Amount:**	deposit for rigging costs $185,628.60
	Component Description: **Amount:**	weather days $6,606.00

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**		**$12,276.07**	
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
Prepare request for Special Temporary Authorization	$4,100.00	$3,000.00	N/A	$1,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	$500.00	N/A

RF Exposure Measurements	$21,050.00	$20,000.00	N/A	N/A	N/A
Sub-total	$100,445.00	$94,500.00	N/A	$12,276.07	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	File Name
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	**Component Description:** Project Management **Amount:** $2,150.53 **Component Description:** Project Management **Amount:** $380.00 **Component Description:** Project Management **Amount:** $3,580.54 **Component Description:** Project Management **Amount:** $475.00 **Component Description:** pre and post site visits **Amount:** $750.00

	Component Description:	Project Management
	Amount:	$95.00
	Component Description:	Project Management
	Amount:	$95.00
	Component Description:	pre and post construction site visits
	Amount:	$2,000.00
	Component Description:	Project Management
	Amount:	$95.00
	Component Description:	Project management
	Amount:	$1,250.00
	Component Description:	Project management
	Amount:	$1,250.00
Prepare request for Special Temporary Authorization	**Component Description:**	Engineering consulting on STA request
	Amount:	$375.00
	Component Description:	Engineering consulting for STA request
	Amount:	$625.00

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	**Component Description:** **Amount:**	Engineering consulting engineering part of license to cover CP $500.00
RF Exposure Measurements	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**		**$98,046.98**	
Security	***$31,728.15***	$31,728.15	N/A	$31,728.15	N/A
MVPD Notification of Channel Change	***$11,000.00***	$11,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	***$0.00***	$0.00	N/A	N/A	N/A
Equipment Storage	***$25,000.00***	$25,000.00	N/A	$3,871.50	N/A
Equipment Delivery and Handling Charges	***$76,100.00***	$76,100.00	N/A	$49,730.65	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	$7,302.00	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
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
Local Zoning	***$10,000.00***	$10,000.00	N/A	$0.00	N/A
Sub-total	$207,018.15	$206,413.15	N/A	$98,046.98	N/A
Total for all systems	$4,397,257.35	$4,088,025.35	N/A	$3,504,606.81	N/A

Components

Actual Information Description	File Name
Security	**Component Description:** security for tower site **Amount:** $31,728.15
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	**Component Description:** May 2020 Storage charges for tower equipment. **Amount:** $150.00

Component Description:	January 2020 storage charges
Amount:	$150.00
Component Description:	April 2020 storage charges for tower equipment
Amount:	$150.00
Component Description:	Storage fees
Amount:	$164.00
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:	Feb 2020 storage charges
Amount:	$150.00
Component Description:	Storage fees
Amount:	$164.00
Component Description:	Storage Fee
Amount:	$10,075.00

	Component Description: **Amount:**	Storage fees $206.00
	Component Description: **Amount:**	Storage fees $206.00
	Component Description: **Amount:**	Storage fees $721.00
Equipment Delivery and Handling Charges	**Component Description:** **Amount:**	Equipment rental, delivery $1,019.18
	Component Description: **Amount:**	Freight and Shipping $612.93
	Component Description: **Amount:**	Freight and Shipping $2,917.92
	Component Description: **Amount:**	equipment rental, delivery $321.49
	Component Description: **Amount:**	Delivery fees $164.00
	Component Description: **Amount:**	Delivery fees $748.00
	Component Description: **Amount:**	Delivery fees $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:	Freight and Shipping
Amount:	$3,798.32
Component Description:	Delivery fees
Amount:	$583.50
Component Description:	Equipment Rental
Amount:	$1,453.32
Component Description:	Delivery fees
Amount:	$658.00
Component Description:	equipment rental
Amount:	$1,019.18
Component Description:	equipment rental
Amount:	$321.49
Component Description:	Transmission line shipping
Amount:	$7,651.24

Component Description:	Freight and Shipping
Amount:	$7,651.24
Component Description:	Delivery fees
Amount:	$167.00
Component Description:	Equipment Rental
Amount:	$663.90
Component Description:	Equipment Rental
Amount:	$1,453.32
Component Description:	Freight and Shipping
Amount:	$26,352.47
Component Description:	Delivery fees
Amount:	$583.50
Component Description:	Delivery fees
Amount:	$583.50
Component Description:	Equipment Rental
Amount:	$1,882.71
Component Description:	delivery charges
Amount:	$992.00

Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	disposal of waste $1,664.68
	Component Description: **Amount:**	disposal of waste $2,081.87

Non-zoning permits	**Component Description:**	Permits for month of Jan 2020
	Amount:	$139.00
	Component Description:	Permits Feb 2020
	Amount:	$416.50
	Component Description:	Drawings and Specs required for permits. Labor and costs of fees and permits, City of Seattle.
	Amount:	$5,726.25
	Component Description:	Permits March 2020
	Amount:	$417.00
	Component Description:	Barricade and sign rental
	Amount:	$221.25
	Component Description:	City of Seattle permits
	Amount:	$603.25
	Component Description:	Permits for City of Seattle and labor for permits.
	Amount:	$4,351.25
	Component Description:	City of Seattle permits
	Amount:	$603.25

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
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$4,397,257.35	$4,088,025.35	$3,504,606.81

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	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.	**Angelo Servedio** *SVP Controller* 01/28/2021

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 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.	**Angelo Servedio** *SVP Controller* 01/28/2021

Attachments