

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 69571 Service: DTV Call KZJO Channel: 36 (UHF)

Sign:

ID:

File **0000028106** 

Number:

FRN: **0005795067** Date **06/18** 

Submitted: /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 Name and Information Reimbursement Contact 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**

rs	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	
Manufacturer and Type	Model	Elite
	Year	2010
	Туре	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
	Туре	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	
Manufacturer and Type	Model	DCX-2
	Year	2000
	Туре	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 retunable as state by the manufacturer. ULXTE-120 is the required size with or with our E-pole.

#### Primary Transmitter

#### **Other Transmitter Costs**

Question	Response
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
	Switchgear (industrial 800 amp)  Transformer (480V)  Power  Rigid Conduit and Wiring

	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	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
HVAC	Fresh air hood for new transmitters
Electrical work	Install panels, xfmr, power, etc. to xmtrs
Field Engineering - Transmitter	Field Engineer onsite
Water line	Had to move waterline for new transmitters
Field Evaluation of Transmitter	Field eval and inspection of transmitter

#### **Antennas**

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

#### **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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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

#### **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	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	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	
		1

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

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	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

#### **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"
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	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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?	В
	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 <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Line

#### **Existing Transmission Line**

n 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	Manufacturer	
Line Manufacturer and Type	Туре	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 Transmi

#### **New Transmission Line**

smissio	n settion	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
		Туре	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 Ot

Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

#### Interim

#### **New Transmission Line**

Transmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	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

Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

Interim

# 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	Do you have a tower registration number?	Yes
Registration	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

Section	Question	Response
I Services Costs 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	Prepare and file Form FCC Construction Permit Application	No
Services	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 Expenses Not Listed
Professional Services ©qstsided.

# 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	
Rental fees	Barricade sign rentals, etc	

# **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		\$2,120,045.48	
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
Field Engineering - Transmitter	\$6,400.00	\$6,400.00	Field engineer onsite for transmitter	\$0.00	N/A
Electrical work	\$160,000.00	\$160,000.00	N/A	\$159,809.05	N/A
HVAC	\$14,147.85	\$14,147.85	install fresh air hoods for new transmitters	\$14,147.85	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	\$2,309,869.83	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

#### Components

Actual Information Description	File Name	
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

Field Engineering - Transmitter	Component Description:	Sweep
	Amount:	\$6,400.00
	Component Description:	One field engineer onsite for one day
	Amount:	for transmitter. \$6,400.00
Electrical work		
	Component Description: Amount:	electrical work \$62,757.00
	Component Description:	final invoice
	Amount:	\$97,052.05
HVAC		
	Component Description:	Final billing - fresh air hoods for new
	Amount:	KZJO transmitter \$7,541.85
	Component Description:	Progress payment
		on fresh air hoods for HVAC.
	Amount:	\$6,606.00
	Component Description:	progress billing -
		fresh air hoods for new KZJO
	Amount:	transmitter \$6,606.00
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:	ULXTE-120 2nd payment \$571,106.09
	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:	certification label on primary transmitter ULXTE-120
	Amount:	\$2,400.00

	Component Description:	Field Eval of
		transmitter
	Amount:	\$2,600.00
	Component Description:	Field evaluation of
		aux transmitter, as
		required by state
	Amount:	\$2,600.00
UHF - Liquid Cooled Solid		
State Transmitter 4.9 . 6.5 kW	Component Description:	payment ULXTE-
KVV		10
	Amount:	\$34,873.71
	Component Description:	deposit ULXTE-10
	Amount:	\$53,710.40
	7	φοσ, ποι πο
	Component Description:	ULXTE-10
	Amount:	\$44,929.84
	Common and December	III VTF 40 2nd
	Component Description:	ULXTE-10 2nd payment
	Amount:	\$53,710.40
		<del>4</del> 00 <sub>3</sub> . 10110
	Component Description:	certification label
		on aux transmitter
		ULXTE-10
	Amount:	\$2,600.00

# **Cost Information**

#### **Antennas**

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-WB16	\$233,080.00	\$171,360.00		\$110,692.79	
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
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

Primary Antenna TFU-22JTH /VP-R 04	\$370,090.00	\$261,860.00		\$200,527.91	
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
Tax	\$5,000.00	\$5,000.00	N/A	\$2,483.59	N/A
Elbows	\$12,960.00	\$12,960.00	N/A	\$12,960.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	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	\$311,220.70	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

## Components

Actual Information			
Description	File Name		

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	elbow 8-75 N/A
Sweep test of existing antenna	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	Component Description:	monies applied
polarized		here because of zero balance
		invoice.
	Amount:	\$5,574.03
		¥-,- ··
	Component Description:	TFU-16WB C16 -
	Amazzata	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)	Component Description: Amount:	Mounts - deposit \$3,493.13
	Component Description:  Amount:	Mounts - 2nd payment \$3,493.13
Bird Cage	Component Description: Amount:	Birdcage - deposit \$8,248.50
	Component Description: Amount:	BIRDCAGE \$8,248.50
Feed through	Component Description: Amount:	FEED THROUGH \$9,407.81
	Component Description:  Amount:	feed through - deposit \$9,407.81

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

**Component Description: Elbows Amount:** \$12,960.00

antenna	Component Description: Amount:	Sweep test \$2,880.00
	, and and	<b>4</b> 2,000.00
	Component Description:	Sweep test -
		deposit
	Amount:	\$2,880.00
Elbow complex, single		
channel, at antenna input,	Component Description:	Elbow complex
per 7 3/16. feedline (if needed)	Amount:	\$6,112.35
ieeueu)		
	Component Description:	Elbow complex -
		deposit
	Amount:	\$6,112.35
JHF - High Power Top		
Mount (200-1000 kW), One	Component Description:	TFU-22JTH/VP-R
station antenna, elliptically		06
or circularly polarized	Amount:	\$65,893.50
	Component Description	TELL 22 ITHA/D D
	Component Description:	TFU-22JTH/VP-R 06 - Deposit
	Amount:	\$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		\$109,873.77	
Rigid Transmission Line - copper, 6 1/8"	\$116,150.00	\$145,000.00	N/A	\$109,873.77	N/A
Primary Transmission Line	\$255,739.00	\$185,372.80		\$185,372.80	
Rigid Transmission Line - copper, 8 3 /16"	\$255,739.00	\$185,372.80	N/A	\$185,372.80	N/A
Sub-total	\$371,889.00	\$330,372.80	N/A	\$295,246.57	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

### Components

Actual Information	
Description	File Name

Rigid Transmission Line copper, 6 1/8" **Component Description:** Transmission line -2nd payment \$48,978.68 **Amount:** Transmission line **Component Description:** Amount: \$4,942.00 **Component Description:** Rigid transmission line custom cuts plus expedited shipping Amount: \$3,660.17 **Component Description:** zero out Amount: N/A **Component Description:** transmission line deposit **Amount:** \$48,978.68 **Component Description:** Rigid transmission line Amount: \$2,324.00 **Component Description:** TLSCR'S - Deposit Amount: \$1,657.12 **Component Description:** 

Amount:

TLSCR'S - Deposit

\$1,657.12

Rigid Transmission Line copper, 8 3/16"

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

**Component Description:** cut piece needed

to make deadline

\$4,648.00 Amount:

**Component Description:** TLSCR 7/75 1 @

15.750 inches

Amount: \$1,785.00

**Component Description:** Transmission line

including

expedited shipping needed as pieces had to be custom cut during install. Pls see 'KZJO Dielectric Shipping

Justification'

Amount: \$2,324.00

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

**Component Description:** transmission line -

deposit

Amount: \$80,554.50

**Component Description:** TLSCR'S - Deposit

Amount: \$3,137.40

**Component Description:** transmission line

Amount: \$80,554.50

**Component Description:** TLSCR'S **Amount:** 

\$3,137.40

### **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).

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$605,300.00	\$562,794.25		\$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	\$23,800.50	N/A
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	\$131,294.25	N/A	\$50,370.25	Previous 2 invoices were rejected but are counting towards sub-total
Sub-total	\$605,300.00	\$562,794.25	N/A	\$479,779.15	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

### Components

Actual Information Description	File Name	
Tower mapping for an undocumented/poorly documented tower and preparation of	Component Description:	Engineering project management for
documentation necessary for tower load study	Amount:	tower work \$1,250.00
	Component Description: Amount:	Engineering costs \$3,168.00
	Component Description:  Amount:	Rigging plan analysis \$3,375.00
	Component Description:	Engineering costs
	Amount:	\$2,437.50
	Component Description: Amount:	drawings and specs \$718.75
	Component Description: Amount:	Tower mapping for KZJO only \$6,055.50
	Component Description: Amount:	Engineering costs \$352.00
	Component Description: Amount:	drawings and specs \$3,406.25
	Component Description: Amount:	Engineering costs \$1,125.00

**Component Description:** 

Amount:

Tower mapping

and observation

\$6,055.00

**Component Description:** 

Amount:

Engineering costs

\$3,375.00

**Component Description:** 

Amount:

Engineering costs

\$6,055.50

**Component Description:** 

Amount:

Engineering costs

\$1,912.50

**Component Description:** 

Drawings and

specs

Amount:

\$1,375.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

**Component Description:** 

Amount:

rigging costs

\$213,373.80

**Component Description:** 

deposit for rigging

costs

Amount:

\$185,628.60

**Component Description:** 

Amount:

weather days

\$6,606.00

Minor tower reinforcement
/modifications

Component Description: Tower and

antenna work for antenna install

**Amount:** \$50,370.25

Component Description: Tower and

antenna work for antenna install

**Amount:** \$66,885.75

Component Description: Tower work for

antenna and

transmission install

**Amount:** \$50,370.75

### **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		\$12,371.07	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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	\$500.00	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	\$10,871.07	N/A

Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$1,000.00	N/A
Sub-total	\$100,445.00	\$94,500.00	N/A	\$12,371.07	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

### Components

ngineering nsulting gineering part of ense to cover CP
00.00
oject
anagement 80.00
oject
anagement 5,580.54
r

**Component Description:** engineering

> consulting \$95.00

Amount:

**Component Description:** Project

Management

Amount: \$475.00

**Component Description:** pre and post

construction site

visits

Amount: \$2,000.00

**Component Description: Project** 

management

Amount: \$1,250.00

**Component Description:** Project

Management

Amount: \$95.00

**Component Description: Project** 

Management

Amount: \$95.00

**Component Description:** Project

Management

Amount: \$2,150.53

**Component Description: Project** 

Management

**Project** 

Amount: \$95.00

**Component Description:** 

management

\$1,250.00

Amount:

**Component Description:** pre and post site visits \$750.00 Amount: Prepare request for Special Temporary Authorization **Component Description:** Engineering consulting on STA request Amount: \$375.00 **Component Description:** Engineering consulting for STA request \$625.00 Amount:

## **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	\$207,171.90	\$206,566.90		\$136,556.32	
Rental fees	\$153.75	\$153.75	Barricade sign rentals	\$0.00	N/A
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	\$13,946.50	N/A
Equipment Delivery and Handling Charges	\$76,100.00	\$76,100.00	N/A	\$76,083.12	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$3,746.55	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	\$7,302.00	N/A
Local Zoning	\$10,000.00	\$10,000.00	N/A	\$0.00	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
Sub-total	\$207,171.90	\$206,566.90	N/A	\$136,556.32	N/A
Total for all systems	\$4,397,411.10	\$4,103,589.15	N/A	\$3,545,043.64	N/A

### Components

Actual Information Description	File Name	
Rental fees		
	Component Description:	Barricade sign rentals
	Amount:	\$153.75
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:	January 2020
	Amount:	storage charges \$150.00
	Component Description: Amount:	Storage fees \$164.00
	Component Description: Amount:	Storage fees \$992.00
	Component Description: Amount:	storage fees \$504.50
	Component Description: Amount:	Dec. storage fees \$150.00
	Component Description: Amount:	Feb 2020 storage charges \$150.00
	Component Description: Amount:	Storage fees \$164.00
	Component Description: Amount:	Storage fees \$164.00
	Component Description: Amount:	Storage fees \$206.00

Component Description: April 2020 storage

charges for tower

equipment \$150.00

Amount:

**Component Description:** 

Amount:

Storage fees

\$206.00

**Component Description:** 

Amount:

Storage fees

\$721.00

**Component Description:** 

Amount:

Storage Fee

\$10,075.00

**Component Description:** 

requesting just

storage costs on this invoice

Amount:

\$10,075.00

**Component Description:** 

May 2020 Storage

charges for tower

equipment.

**Amount:** \$150.00

Equipment Delivery and Handling Charges

**Component Description:** 

**Amount:** 

Delivery fees

\$583.50

**Component Description:** 

Freight and Shipping

Amount:

\$612.93

**Component Description:** 

Freight and Shipping

Amount:

\$2,917.92

**Component Description:** 

equipment rental,

delivery

Amount:

\$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:** 

Amount:

Freight charges

\$17,300.00

**Component Description:** 

Amount:

**Equipment Rental** 

\$1,453.32

**Component Description:** 

Amount:

Delivery fees

\$1,255.00

**Component Description:** 

Amount:

**Delivery charges** 

\$2,798.00

**Component Description:** 

Amount:

Delivery fees

\$583.50

**Component Description:** 

Amount:

**Equipment Rental** 

\$1,453.32

**Component Description:** 

Amount:

Delivery fees

\$658.00

**Component Description:** 

Amount:

Freight \$7,651.24

**Component Description:** 

Amount:

**Equipment Rental** 

\$1,882.71

Component Description:

requesting just freight and

shipping on this

invoice

**Amount:** \$26,352.47

**Component Description:** 

Amount:

Delivery fees

\$583.50

**Component Description:** 

Freight and Shipping

Amount:

\$26,352.47

**Component Description:** 

Amount:

equipment rental

\$321.49

**Component Description:** 

Amount:

**Equipment Rental** 

\$1,453.32

**Component Description:** 

Freight and Shipping

Amount:

\$7,651.24

**Component Description:** 

Amount:

equipment rental

\$1,019.18

**Component Description:** 

Amount:

**Equipment Rental** 

\$663.90

**Component Description: Amount:** 

Delivery fees \$167.00

**Component Description:** 

delivery charges

Amount:

\$992.00

**Component Description:** 

Freight and

Amount:

Shipping \$3,798.32

**Component Description:** 

Equipment rental,

delivery

Amount:

\$1,019.18

**Component Description:** 

Transmission line

shipping

Amount:

\$7,651.24

Disposal Costs (for equipment and other waste, net of any salvage value)

**Component Description:** 

Amount:

disposal of waste

\$1,664.68

**Component Description:** 

Waste removal

**KZJO Transmitter** 

site

**Amount:** \$2,081.87

**Component Description:** 

disposal of waste

Amount:

\$2,081.87

Non-zoning permits

**Component Description:** 

City of Seattle permits and fees

Amount:

\$603.25

**Component Description:** 

Amount:

Permits Feb 2020

\$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: City of Seattle

permits

**Amount:** \$603.25

Component Description: Permits for month

of Jan 2020

**Amount:** \$139.00

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: Barricade and sign

rental

**Amount:** \$153.75

Local Zoning Information not provided.

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	•	edical testing 3,750.00

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,397,411.10	\$4,103,589.15	\$3,545,043.64

Reimbursem	entestatus	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

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 abovenamed applicant for the Authorization(s) specified above. Angelo Servedio SVP Controller

06/18/2021

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Angelo Servedio SVP Controller

06/18/2021

#### **Attachments**