



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **72076** | Service: **DTV** | Call **WFTV** | Channel: **35 (UHF)** |
ID: | Sign:
File **0000028020**
Number:
FRN: **0014359285** | Date **01/19**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email
WFTV, LLC Doing Business As: WFTV, LLC	Chief Engineer 490 EAST SOUTH STREET ORLANDO, FL 32801 United States	+1 (407) 822- 8410	jeff.juni com

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone
[Confidential]		

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	En
Jeff Juniet <i>Chief Engineer</i> <i>WFTV, LLC</i>	Chief Engineer 490 E. South Street Orlando, FL 32801 United States	+1 (407) 822-8410	Je

Broadcaster Information and Transition Plan

Question	Response
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Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	To maintain operations, we will backup TXs and re-tune the m combiner needs to add channels to be brought up to G standard changed for a broadband antenna

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question
Existing Transmitter Description	Type of change
	Use
	Ownership
	Owner
	Is this transmitter currently shared with another station?
	Is this transmitter currently in operating condition?
Existing Transmitter Manufacturer and Type	Manufacturer
	Model
	Year
	Type
	IOT Power Type
	Power capacity

Primary
Transmitter

Retuning Transmitter Costs

Section	Question
New IOT Tubes	Number of Tubes (including accessories) needed
New Mask Filter	Power
	Other Power
New Exciter	Is a new exciter needed?

Primary
Transmitter

Other Transmitter Costs

Section	Question
Electrical Service	Service Entrance (3 phases 800A 208V)
	Switchgear (industrial 800 amp)
	Transformer (480V)
	Power
	Rigid Conduit and Wiring
	Size
	Length
	Other Electrical Service
	Description
HVAC Service	Does the replacement transmitter require HVAC Service?
	Type
	Size
	Other Size
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?
	Size
Channel 14 Costs	Is an RF Consulting Engineer needed?
	Is a channel 14 Mask Filer needed?

	Is additional field engineering time needed?
	Number of Days

**Primary
Transmitter**

Other Transmitter Cost Not Listed
Information not provided.

**Auxiliary
Transmitter**

Add Transmitter Information

Section	Question
Existing Transmitter Description	Type of change
	Use
	Description of Use
	Ownership
	Owner
	Site
	Is this transmitter currently shared with another station?
	Is this transmitter currently in operating condition?
Existing Transmitter Manufacturer and Type	Manufacturer
	Model
	Year
	Type
	Solid State Cooling
	Solid State Power Capacity

**Auxiliary
Transmitter**

New Transmitter Costs

Section	Question
New Transmitter	Use
	Change Type
	Is this a request for upgraded equipment?
	Manufacturer
	Model
	Transmitter Type
	Solid State Cooling
	Solid State Power capacity
	Justification for New Transmitter

**Auxiliary
Transmitter**

Other Transmitter Costs

Section	Question
Electrical Service	Service Entrance (3 phases 800A 208V)
	Switchgear (industrial 800 amp)
	Transformer (480V)
	Power
	Rigid Conduit and Wiring
	Size
	Length
	Other Electrical Service
	Description
HVAC Service	Does the replacement transmitter require HVAC Service?

	Type
	Size
	Other Size
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?
	Size
Channel 14 Costs	Is an RF Consulting Engineer needed?
	Is a channel 14 Mask Filer needed?
	Is additional field engineering time needed?
	Number of Days

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

**Auxiliary
Transmitter**

Existing Transmitter Information

Section	Question
Existing Transmitter Description	Type of change
	Use
	Description of Use
	Ownership
	Owner
	Site
	Is this transmitter currently shared with another station?
	Is this transmitter currently in operating condition?
Existing Transmitter Manufacturer and Type	Manufacturer
	Model
	Year
	Type
	IOT Power Type
	Power Capacity

Auxiliary
Transmitter

New Transmitter Costs

Section	Question
New Transmitter	Use
	Change Type
	Is this a request for upgraded equipment?
	Manufacturer
	Model
	Transmitter Type
	Solid State Cooling
	Solid State Power capacity
	Justification for New Transmitter

Auxiliary
Transmitter

Other Transmitter Costs

Section	Question
Electrical Service	Service Entrance (3 phases 800A 208V)
	Switchgear (industrial 800 amp)
	Transformer (480V)
	Power
	Rigid Conduit and Wiring
	Size
	Length
	Other Electrical Service
	Description
HVAC Service	Does the replacement transmitter require HVAC Service?

	Type
	Size
	Other Size
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?
	Size
Channel 14 Costs	Is an RF Consulting Engineer needed?
	Is a channel 14 Mask Filer needed?
	Is additional field engineering time needed?
	Number of Days

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Antennas

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

Primary
Antenna

Existing Antenna Information

Section	Question
Existing Antenna Description	Type of change
	Antenna Use
	Description of Use
	Ownership
	Owner
	Site
	Is the existing antenna shared with another station or stations?
	Is the existing antenna directional?
	Is antenna in operating condition?
	Is antenna located on or in close proximity to an antenna farm?
Existing Antenna Manufacturer and Type	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels
	Design power capacity in use
	Lower Limit
	Upper Limit
	Other Antenna Type

	ERP: (Effective Radiated Power)
	Manufacturer
	Model
	Year

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
55454	WRDQ

**Primary
Antenna**

Adjustment to Existing Antenna

Section	Question
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?

**Primary
Antenna**

Other Antenna Costs

Section	Question
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?
	Type
	Number of channels supported
	Frequencies of channels supported
	Frequency

Enter a list of RF channel numbers.

RF Channel Number
39
27
35

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Re-tuneing elbow complex	The existing main antenna ne /optimized for the new channe

Auxiliary Antenna

Existing Antenna Information

Section	Question
Existing Antenna Description	Type of change
	Antenna Use
	Description of Use
	Ownership
	Owner
	Site
	Is the existing antenna shared with another station or stations?
	Is the existing antenna directional?
	Is antenna in operating condition?
	Is antenna located on or in close proximity to an antenna farm?
Existing Antenna Manufacturer and Type	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels
	Design power capacity in use
	Lower Limit
	Upper Limit
	Other Antenna Type
	ERP: (Effective Radiated Power)
	Manufacturer
	Model

Year

Auxiliary
Antenna

New Antenna Costs

Section	Question
New Antenna Description	Use
	Description of Use
	Change Type
	Is this a request for upgraded equipment?
	Ownership
	Owner
	Is antenna shared?
	Is antenna directional?
	Will antenna be located on or in close proximity to an antenna farm?
New Antenna Manufacturer and Types	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels/Bays
	Lower Limit
	Upper Limit
	Design power capacity in use
	Other Antenna Type
	ERP: (Effective Radiated Power)
	Manufacturer
	Model
	Year

Justification for New Antenna

Auxiliary Antenna

Other Antenna Costs

Section	Question
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?
	Type
	Number of channels supported
	Frequencies of channels supported
	Frequency
	Do you need a combiner output splitter/switcher for dual feed lines?
Elbow Complex	Do you require the separate purchase of the Elbow Complex?
	Broadband or Single Channel?
	Feed Line Size
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?
Sweep Test	Do you require the sweep testing of transmission line and antenna?

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

**Transmission
Line**

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

**Auxiliary
Transmission
Line**

Existing Transmission Line

Section	Question
Existing Transmission Line Description	Type of change
	Use
	Description of Use
	Ownership
	Owner
	Site
	Is the existing transmission line shared with another station or stations?
	Is Transmission Line in operating condition?
Existing Transmission Line Manufacturer and Type	Manufacturer
	Type
	Diameter
	Other Diameter
	Segment Length
	Other Segment Length
	Number of parallel runs
	Length

**Auxiliary
Transmission
Line**

New Transmission Line

Section	Question
New Transmission Line Costs	Use
	Description of Use
	Change Type
	Is this a request for upgraded equipment?
	Type
	Diameter
	Other Diameter
	Segment Length
	Other Segment Length
	Number of parallel runs
	Length
	Justification for New Transmission Line

**Auxiliary
Transmission
Line**

Other Transmission Line Expenses Not Listed

Name	Description
Auxiliary Transmission Line-Nitrogen Regulator	Auxiliary Transmission Line-N

Tower Equipment And Rigging Costs

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

Auxiliary Tower

Existing Tower

Section	Question
Existing Tower Description	Type of change
	Tower Use
	Description of Use
	Ownership
	Is this tower consider Complex?
	Is this tower currently shared with any other stations?
	One or more FM, AM or TV radio broadcaster(s)
	Others Types of Users
	Is tower documented for structural analysis?
	Is tower compliant with Rev G?
Existing Tower Structure Registration	Do you have a tower registration number?
	ASR Number
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)
	Longitude (NAD83)
	Overall Structure Height
	Support Structure Height
	Ground Elevation Above Mean Sea Level (AMSL)
	Structure Type
	Tower Owner
	Date Constructed

FM, AM or TV radio broadcasters.
 Facility ID's, Call Signs and Services of
 other broadcast stations with whom the
 tower is shared

Facility ID	Call Sign	Service
23443	WOEX	FM
48716	WWKA	FM
55454	WRDQ	DTV

Auxiliary Tower Tower Modification Costs

Section	Question
Engineering Study	Please what type of engineering study is required, if any:
Tower Reinforcements	Please select whether tower reinforcements are needed:

Auxiliary Tower Tower Rigging Costs

Section	Question
Tower Rigging Costs	Complex Tower
Helicopter Services Required	Are helicopter services required?

Auxiliary Tower Other Tower Expenses Not Listed

Name	Description
Auxiliary Tower - Tower Modification Design	Auxiliary Tower - Tower Modif
St Cloud tower	Modifications are needed to bi standard. See attached plan fr

Primary Tower

Add Tower

Section	Question
Existing Tower Description	Type of change
	Tower Use
	Description of Use
	Ownership
	Is this tower consider Complex?
	Is this tower currently shared with any other stations?
	One or more FM, AM or TV radio broadcaster(s)
	Others Types of Users
	Is tower documented for structural analysis?
	Is tower compliant with Rev G?
Existing Tower Structure Registration	Do you have a tower registration number?
	ASR Number
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)
	Longitude (NAD83)
	Overall Structure Height
	Support Structure Height
	Ground Elevation Above Mean Sea Level (AMSL)
	Structure Type
	Tower Owner
	Date Constructed

**FM, AM or TV radio broadcasters.
Facility ID's, Call Signs and Services of
other broadcast stations with whom the
tower is shared**

Facility ID	Call Sign	Service
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55454	WRDQ	DTV
23443	WOEX	FM
48716	WWKA	FM

Other Types of Users

Users

Two-Way Radio

Wireless I'net

Primary Tower

Tower Modification Costs

Section	Question
Engineering Study	Please what type of engineering study is required, if any:
Tower Reinforcements	Please select whether tower reinforcements are needed:

Primary Tower

Tower Rigging Costs

Section	Question
Tower Rigging Costs	Complex Tower
Helicopter Services Required	Are helicopter services required?

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question
Outside Project Management Services	Do you require outside project management services?
	Number of Hours
	Explanation
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development
	Prepare engineering section of Form FCC Construction Permit Application
	For Auxiliary Facility
	For Main Facility
	Prepare engineering section of Form FCC License to Cover Application
	For Auxiliary Facility
	For Main Facility
	Prepare request for Special Temporary Authority
	Quantity
	Do you have Distributed Transmission System engineering services?
	Critical Facility
	Terrain-Shielded Facility
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application
	For Auxiliary Facility
	For Main Facility
	Prepare and file Form FCC License to Cover Application

	For Auxiliary Facility
	For Main Facility
	Prepare request for Special Temporary Authority
	Quantity
	NEPA Section 106 environmental review
	Environmental Assessment
	ASR Modification
	FAA Consultation (including preparation of FAA Form 7460)
	Negotiation of Lease and other Matter for Shared Locations
	Prepare or Review FCC Form 399 for Reimbursement
	Address transition timing and coordination issues w/ other stations and wireless providers
RF Field Engineering Services	Comprehensive coverage verification via field study
	RF exposure measurements
	Additional Field Engineering Service
	Number of Days
	Justification

**Outside
Professional
Services Costs**

Other Professional Services Expenses Not Listed

Information not provided.

Other Expenses

Section	Question
AM Pattern Disturbance	Is an Impact Study needed?
	Is Remediation needed?
Facility Expenses	Name
	Other Distributed Transmission System Expenses Not listed
	Name
	Is Notification of a Medical Facility required as a result of DTV broadcasting?
Permit and Filing Costs	Local Zoning
	Non-zoning permits
	BLM or NFS Coordination
	FCC Construction Permit Minor Change
	FCC License to Cover Application
	FCC Special Temporary Authority Application
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?
	Does this relocation require Equipment Storage?
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?
	Does this relocation require MVPD Notification of a Channel Change?

Other Expenses**Other Expenses Not Listed**

Information not provided.

Cost Information Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification
Primary Transmitter Power CD	\$947,400.00	\$675,304.49	
Three IOT system (90 kW)	\$475,500.00	\$590,304.49	please see Estimated Cost Justification V 1st Primary Transmitter - UHF 3 IOT Trar
3 IOT Tubes	\$382,500.00	\$0.00	Price of tubes is included in the price of re main transmitter (Quote_GA-00018301r PWR90D3 Channel Change 2016-1'
60 kW mask filter	\$89,400.00	\$85,000.00	N/A
Auxiliary Transmitter ULXTE-12	\$661,000.00	\$463,424.18	
1" Rigid Conduit and Wiring	<i>\$0.00</i>	\$0.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$324,983.88	N/A
25 Ton system	\$91,500.00	\$87,000.00	N/A

Switchgear - industrial 800 amp	\$38,200.00	\$51,440.30	The totals for the electrical work, including and labor, exceed the predetermined costs covers all required electrical for the removal of equipment and wiring and installation of service conduit, and wiring for the auxiliary
Auxiliary Transmitter ULXTE-50	\$1,118,890.00	\$1,217,527.39	
25 Ton system	\$91,500.00	\$90,500.00	The original plan called for 25 tons of cooling. The pricing based on units available years ago. The transmitter size we set the final determination at 40 tons of cooling. The cost of the units increased since the initial estimates were made.
1" Rigid Conduit and Wiring	\$5,390.00	\$5,390.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$981,349.39	Per Manufacturer's quote and includes R and switching. Updated quotes and changes have been added as attachments: updated_quotes_for_ULXTE50_w_cover_letter.pdf
Switchgear - industrial 800 amp	\$38,200.00	\$105,288.00	The transmitter for the Ft. Christmas site will have a new service entrance and the associated service
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A
Sub-total	\$2,727,290.00	\$2,356,256.06	N/A
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A

Components

Actual Information Description	File Name
Three IOT system (90 kW)	<div><div>Component Description:</div><div>Amount:</div><div>PWRCE</div><div>\$27,217</div></div>
	<div><div>Component Description:</div><div>Amount:</div><div>PWRCE</div><div>\$179,65</div></div>
	<div><div>Component Description:</div><div>Amount:</div><div>PWRCE</div><div>\$192,09</div></div>
	<div><div>Component Description:</div><div>Amount:</div><div>Deposit main tra includin \$191,33</div></div>
3 IOT Tubes	Information not provided.
60 kW mask filter	Information not provided.
1" Rigid Conduit and Wiring	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:		Auxiliary Design
	Amount:		\$127,500
	Component Description:		progress shipping
	Amount:		\$96,984
	Component Description:		deposit transmit
	Amount:		\$103,850
	Component Description:		final hardware transmit
	Amount:		\$124,020
25 Ton system	Component Description:		HVAC equipment for ULX
	Amount:		\$84,476

Switchgear - industrial 800 amp	Component Description:	Final inv and swi WFTV M installat transmit
	Amount:	\$29,083
	Component Description:	Duplica
	Amount:	N/A
	Component Description:	Electric: needed support ULXTE supporti
	Amount:	\$13,952
25 Ton system	Component Description:	Duplica
	Amount:	N/A
	Component Description:	Electric:
	Amount:	\$8,405.1
1" Rigid Conduit and Wiring	Component Description:	Initial in system for Aux
	Amount:	\$21,500
	Component Description:	Final inv and inst
	Amount:	\$69,000
Information not provided.		

UHF - Liquid Cooled Solid State Transmitter
21 - 31 kW

Component Description: Install a
transmit
Updater
docume
Amount: \$81,971

Component Description: Pre-shi
number
Amount: \$309,95

Component Description: Final pa
quote Q
expense
separat
Amount: \$282,68

Component Description: Final inv
Reques
invoice
due to c
Amount: \$260,32

Component Description: invoice
replacer
ULXTE-
Amount: \$309,95

Switchgear - industrial 800 amp	Component Description:		Installat
			wiring fc
			site.
	Amount:		\$44,323
	Component Description:		switchg
			transmit
	Amount:		\$12,930
	Component Description:		Installat
			for HVA
	Amount:		\$7,500.
	Component Description:		Install s
			site
	Amount:		\$16,310
	Component Description:		Install s
			site tran
	Amount:		\$10,937
Transformer 3 phase/480v - 300 KVA	Information not provided.		

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Ac
Primary Antenna TUM20-O4SP-14/56H-2-R-T	\$96,930.00	\$96,235.00		\$
Re-tuneing elbow complex	\$6,000.00	\$6,000.00	Elbow complex tuning will require an RF Engineer and Tower Crew.	
Adding a module to existing combiner (without antenna)	\$84,200.00	\$80,000.00	N/A	\$
Sweep test of existing antenna	\$6,730.00	\$10,235.00	Pricing is from quotes and work performed by RF Engineer.	\$
Auxiliary Antenna TUA-C1-8/8H-1-T	\$253,730.00	\$243,900.00		\$
Sweep test of existing antenna	\$6,730.00	\$8,900.00	per Dielectric quote 700411CMZ and change order 1696716	

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	\$
Sub-total	\$350,660.00	\$340,135.00	N/A	\$
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A	\$

Components

Actual Information Description	File Name
Re-tuneing elbow complex	Information not provided.
Adding a module to existing combiner (without antenna)	<p>Component Description: Channel Installat</p> <p>Amount: \$59,936</p> <p>Component Description: "Channel shipped</p> <p>Amount: \$9,360.</p>
Sweep test of existing antenna	<p>Component Description: Initial sv and ant</p> <p>Amount: \$5,729.</p> <p>Component Description: Final sv and ant with nev</p> <p>Amount: \$4,504.</p>
Sweep test of existing antenna	<p>Component Description: Sweep i confirm channel</p> <p>Amount: \$3,881.</p>

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description: Amount:	Field en sweep c \$6,400.1
	Component Description: Amount:	horizont connect line to tl \$1,485.1
	Component Description: Amount:	Input ell antenna \$808.50
	Component Description: Amount:	Auxiliar \$4,200.1
	Component Description: Amount:	paymen pole inc \$775.42
	Component Description: Amount:	Invoice Aux ant DIREC1 D35 \$86,776
	Component Description: Amount:	INTERII PRIOR \$86,776
	Component Description: Amount:	Aux ant Updater N/A

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual
Auxiliary Transmission Line	\$71,386.34	\$54,379.34		
Auxiliary Transmission Line-Nitrogen Regulator	\$386.34	\$386.34	Please see WFTV Auxiliary Transmission Line-Nitrogen Regulator Budget Revision Justification Letter	
Rigid Transmission Line - copper, 4 1/16"	\$71,000.00	\$53,993.00	N/A	
Sub-total	\$71,386.34	\$54,379.34	N/A	
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A	\$:

Components

Actual Information Description	File Name
Auxiliary Transmission Line-Nitrogen Regulator	<div>Component Description: SPCLT HE,N,C</div> <div>Amount: \$386.34</div>

Rigid Transmission Line - copper, 4 1/16"

Component Description: WFTV C
CLOUD
LINE FC
QUOTE
45% WI

Amount: \$24,296

Component Description: NI 300

Amount: \$409.65

Component Description: WFTV C
CLOUD
LINE FC
QUOTE
45% PA

Amount: \$24,296

Component Description: Line hai

Amount: \$1,465.1

Component Description: 4 inch ri
quote 71

Amount: \$1,921.1

Cost Information Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Amount
Primary Tower TOWER	\$223,100.00	\$12,000.00		
Tall Tower (greater than 500')	\$210,500.00	\$0.00	N/A	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	
Auxiliary Tower TOWER	\$860,920.00	\$924,900.00		\$
Structural engineering tower load study for well documented tower	\$12,600.00	\$15,460.00	Pricing is from structural engineering study by TCI.	
Major tower reinforcement /modifications	\$421,000.00	\$472,620.00	This work will bring the tower up to G standard.	
Tall Tower (greater than 500')	\$210,500.00	\$220,000.00	Estimate from tower engineering firm to rig and unrig the tower for the required upgrade work.	\$
St Cloud tower	\$0.00	\$0.00	N/A	
Tower Helicopter Lift	\$210,000.00	\$210,000.00	Please see WFTV International Towers Proposal #WFTV041919A (Helicopter)	\$

Auxiliary Tower - Tower Modification Design	\$6,820.00	\$6,820.00	Please see WFTV Existing Auxiliary Tower - Tower Modification Design Budget Revision Justification Letter	
Sub-total	\$1,084,020.00	\$936,900.00	N/A	\$
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A	\$

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	Information not provided.
Structural engineering tower load study for well documented tower	Component Description: structur: inventor Amount: \$11,900
Structural engineering tower load study for well documented tower	Component Description: structur: inventor Amount: \$15,460
Major tower reinforcement/modifications	Information not provided.
Tall Tower (greater than 500')	Component Description: remove antenna Amount: \$69,482 Component Description: Progres Amount: \$69,482
St Cloud tower	Information not provided.

Tower Helicopter Lift		
	Component Description:	WFTV-4
		Tower -
	Amount:	\$51,588
	Component Description:	WFTV-4
		Tower -
	Amount:	\$51,588
Auxiliary Tower - Tower Modification Design		
	Component Description:	Initial de
	Amount:	\$6,820.1

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Account
Outside Professional Services	\$249,991.00	\$257,818.60		\$
Additional Field Engineering Service, 35 Days	\$65,000.00	\$65,000.00	RF Consulting Engineer - To determine correct mask filter to avoid interference at 5-days & 10-30 days to test for interference after mask filter is installed	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$10,710.00	See full cost of required professional services included with invoice 0819009-R	\$
Prepare and or review reimbursement form	\$2,630.00	\$12,153.60	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$
Project management of the transition	\$43,766.00	\$45,705.00	Please see WFTV Strategic Support quote	\$
Sub-total	\$249,991.00	\$257,818.60	N/A	\$
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A	\$2

Components

Actual Information Description	File Name
Additional Field Engineering Service, 35 Days	<p>Component Description: addition</p> <p>Amount: \$2,700.</p> <p>Component Description: Addition CMG ar stations</p> <p>Amount: \$7,042.</p>
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<p>Component Description: Legal fe of const transmi</p> <p>Amount: \$4,315.</p>
Prepare request for Special Temporary Authorization	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Prepara for Cox between
	Amount:	\$165.00
	Component Description:	Prepara
	Amount:	\$2,250.00
Perform engineering study for new channel assignment and antenna development	Component Description:	\$150.00 belongs
	Amount:	be invoic \$5,250.00
	Component Description:	Main an analysis
	Amount:	\$5,325.00
	Component Description:	Main an analysis Amount
	Amount:	\$135.00
Prepare and or review reimbursement form	Component Description:	Legal fe review, for 399.
	Amount:	\$3,291.00
	Component Description:	Legal fe review, for 399.
	Amount:	\$2,318.00

	Component Description:	Legal fe review, for 399.
	Amount:	\$3,509.:
	Component Description:	review f for 10 C Amount
	Amount:	\$30.00
	Component Description:	Legal fe review, for 399.
	Amount:	\$756.90
	Component Description:	Review
	Amount:	\$1,050.:
	Component Description:	Legal fe review, for 399.
	Amount:	\$1,047.:
	Component Description:	review f for 2 Cc Amount stations
	Amount:	\$150.00

Project management of the transition	Component Description:	Project
	Amount:	\$2,603.
	Component Description:	Project
	Amount:	\$4,705.
	Component Description:	Project
	Amount:	\$11,258
	Component Description:	Project
	Amount:	\$3,630.
	Component Description:	Project
	Amount:	\$147.50

Cost Information Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Amount
Other Expenses	\$74,990.00	\$74,385.00		
MVPD Notification of Channel Change	<i>\$1,500.00</i>	\$1,500.00	N/A	
Develop and air announcement of upcoming channel change	<i>\$1,500.00</i>	\$1,500.00	Costs for the production of on-air and website announcements.	
Equipment Storage	<i>\$5,000.00</i>	\$5,000.00	N/A	
Equipment Delivery and Handling Charges	<i>\$42,300.00</i>	\$42,300.00	delivery and storage costs per transmitter manufacturer's quotes.	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$10,000.00</i>	\$10,000.00	Removal of old equipment and high voltage transformers from Ft Christmas and St Cloud sites. per initial attached quote "Channel 9 Tower Transformer removal updated-32318.pdf"	
Local Zoning	<i>\$1,500.00</i>	\$1,500.00	N/A	
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	
Sub-total	\$74,990.00	\$74,385.00	N/A	
Total for all systems	\$4,558,337.34	\$4,019,874.00	N/A	\$

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	Component Description: FORKL Amount: \$2,477.
	Component Description: FREIGH HANDL ANTEN POLE. 1 Amount: \$10,673
	Component Description: shipping Aux ant Amount: \$3,172.
	Component Description: freight c antenna Amount: \$310.07
	Component Description: 5000LB Amount: \$2,477.
	Component Description: freight a line sec Amount: \$1,017.
	Component Description: 5000LB Amount: \$2,477.
	Component Description: shipping antenna Amount: \$355.89
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: removal voltage Amount: \$2,827.

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	Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost
Total for all systems	\$4,558,337.34	\$4,019,874.00

**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.	Yes
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
Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> <ol style="list-style-type: none">1. The Authorized Person signing below certifies that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.

6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Certification

Section	Question
Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> <hr/> <ol style="list-style-type: none">1. The Authorized Person signing below certifies and represents that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
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.

Certification

Section	Question
Submission of Final Allocation or Accounting Information 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>

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 acknowledges that all certifications and attached documentation are considered material representations.
2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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.

Attachments