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: **72076** | Service: **DTV** | Call Sign: **WFTV** | Channel: **35 (UHF)**

File Number: **0000028020**

FRN: **0014359285** | Date Submitted: **01/07/2021**

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	Em
Jeff Juniet *Chief Engineer* *WFTV, LLC*	Chief Engineer 490 E. South Street Orlando, FL 32801 United States	+1 (407) 822-8410	Je

Broadcaster Information and Transition Plan

Question	Response

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

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 leashold 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

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 leashold 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

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 leashold 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
St Cloud tower	Modifications are needed to bı standard. See attached plan fo
Auxiliary Tower - Tower Modification Design	Auxiliary Tower - Tower Modif

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

55454	WRDQ	DTV
48716	WWKA	FM
23443	WOEX	FM

Other Types of Users

Users
Wireless I'net
Two-Way Radio

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 bec 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 W 1st Primary Transmitter - UHF 3 IOT Trar
60 kW mask filter	$89,400.00	$85,000.00	N/A
3 IOT Tubes	$382,500.00	$0.00	Price of tubes is included in the price of re main transmitter (Quote_GA-00018301r1 PWR90D3 Channel Change 2016-11
Auxiliary Transmitter ULXTE-50	**$1,118,890.00**	**$1,217,527.39**	
Switchgear - industrial 800 amp	$38,200.00	$105,288.00	The transmitter for the Ft. Christmas site w new service entrance and the associated s
25 Ton system	$91,500.00	$90,500.00	The original plan called for 25 tons of coo pricing based on units available years ago transmitter size we set the final determinat 40 tons of cooling. The cost of the units h since the initial estimates were ma
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 chan have been added as attachments updated_quotes_for_ULXTE50_w_cover_l pdf
Transformer 3 phase /480v - 300 KVA	$36,800.00	$35,000.00	N/A
Auxiliary Transmitter ULXTE-12	**$661,000.00**	**$463,424.18**	
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
1" Rigid Conduit and Wiring	***$0.00***	$0.00	N/A
Switchgear - industrial 800 amp	$38,200.00	$51,440.30	The totals for the electrical work, includin and labor, exceed the predetermined costs covers all required electrical for the remo equipment and wiring and installation of sv conduit, and wiring for the aux tx
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)	**Component Description:** PWRCI **Amount:** $27,217 **Component Description:** PWRCI **Amount:** $179,65 **Component Description:** PWRCI **Amount:** $192,09 **Component Description:** Deposit main tra includin **Amount:** $191,33
60 kW mask filter	Information not provided.
3 IOT Tubes	Information not provided.

Switchgear - industrial 800 amp	**Component Description:** **Amount:**	Install s site $16,31(
	Component Description: **Amount:**	Install s site tran $10,937
	Component Description: **Amount:**	switchg transmit $12,93(
	Component Description: **Amount:**	Installat for HVA $7,500.(
	Component Description: **Amount:**	Installat wiring fo site. $44,323
25 Ton system	**Component Description:** **Amount:**	Final inv and inst $69,000
	Component Description: **Amount:**	Initial in system for Aux $21,500
1" Rigid Conduit and Wiring	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:** **Amount:**	Install a transmit Updated docume $81,971
	Component Description: **Amount:**	invoice replacer ULXTE- $309,95
	Component Description: **Amount:**	Pre-ship number $309,95
	Component Description: **Amount:**	Final pa quote Q expense separat $282,68
	Component Description: **Amount:**	Final inv Reques invoice due to c $260,32
Transformer 3 phase/480v - 300 KVA	Information not provided.	
Transformer 3 phase/480v - 300 KVA	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** deposit transmit **Amount:** $103,85 **Component Description:** Auxiliary Design **Amount:** $127.50 **Component Description:** progres shipping **Amount:** $96,984 **Component Description:** final har transmit **Amount:** $124,02
25 Ton system	**Component Description:** HVAC e for ULX **Amount:** $84,476
1" Rigid Conduit and Wiring	Information not provided.

Switchgear - industrial 800 amp	**Component Description:**	Electrica needed support ULXTE supporti
	Amount:	$13,952
	Component Description:	Final inv and swi WFTV M installat transmit
	Amount:	$29,083
	Component Description:	Electrica
	Amount:	$8,405.(
	Component Description:	Duplicat
	Amount:	N/A
	Component Description:	Duplicat
	Amount:	N/A

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also bec 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**		
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.	
Re-tuneing elbow complex	***$6,000.00***	$6,000.00	Elbow complex tuning will require an RF Engineer and Tower Crew.	
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	$2

Components

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

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	**Component Description:** **Amount:**	Field en sweep c $6,400.(
	Component Description: **Amount:**	horizont connect line to th $1,485.(
	Component Description: **Amount:**	INTERII PRIOR $86,776
	Component Description: **Amount:**	Aux ant Updated N/A
	Component Description: **Amount:**	Auxiliary $4,200.(
	Component Description: **Amount:**	Input ell antenna $8,085.(
	Component Description: **Amount:**	Invoice Aux ant DIRECT D35 $86,776
	Component Description: **Amount:**	paymen pole inc $775.42

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Ac
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	**Component Description:** SPCLT HE,N,C **Amount:** $386.34

Rigid Transmission Line - copper, 4 1/16"	**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.(
	Component Description:	4 inch ri quote 7(
	Amount:	$1,921.(
	Component Description:	WFTV C CLOUD LINE FC QUOTE 45% WI
	Amount:	$24,296

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	A
Primary Tower TOWER	**$223,100.00**	**$12,000.00**		
Structural engineering tower load study for well documented tower	$12,600.00	$12,000.00	N/A	
Tall Tower (greater than 500')	$210,500.00	$0.00	N/A	
Auxiliary Tower TOWER	**$860,920.00**	**$924,900.00**		
Auxiliary Tower - Tower Modification Design	***$6,820.00***	$6,820.00	Please see WFTV Existing Auxiliary Tower - Tower Modification Design Budget Revision Justification Letter	
Tower Helicopter Lift	***$210,000.00***	$210,000.00	Please see WFTV International Towers Proposal #WFTV041919A (Helicopter)	
St Cloud tower	***$0.00***	$0.00	N/A	
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.	

Major tower reinforcement /modifications	$421,000.00	$472,620.00	This work will bring the tower up to G standard.	
Structural engineering tower load study for well documented tower	$12,600.00	$15,460.00	Pricing is from structural engineering study by TCI.	
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
Structural engineering tower load study for well documented tower	**Component Description:** structur inventor **Amount:** $11,900
Tall Tower (greater than 500')	Information not provided.
Auxiliary Tower - Tower Modification Design	Information not provided.
Tower Helicopter Lift	Information not provided.
St Cloud tower	Information not provided.
Tall Tower (greater than 500')	Information not provided.
Major tower reinforcement/modifications	Information not provided.
Structural engineering tower load study for well documented tower	**Component Description:** structur inventor **Amount:** $15,460

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Ac
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	
Project management of the transition	$43,766.00	$45,705.00	Please see WFTV Strategic Support quote	$
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.	$
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	**Component Description:** Additior CMG ar stations **Amount:** $7,042. **Component Description:** addition **Amount:** $2,700.
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	**Component Description:** Legal fe of const transmi **Amount:** $4,315.
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.
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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** Prepara **Amount:** $2,250. **Component Description:** Prepara for Cox betwee **Amount:** $165.00

Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	$150.00 belongs be invoi $5,250.(
	Component Description: **Amount:**	Main an analysis Amount $135.00
	Component Description: **Amount:**	Main an analysis $5,325.(
Prepare and or review reimbursement form	**Component Description:** **Amount:**	Legal fe review, for 399. $3,291.:
	Component Description: **Amount:**	Legal fe review, for 399. $1,047.:
	Component Description: **Amount:**	Legal fe review, for 399. $2,318.(
	Component Description: **Amount:**	Legal fe review, for 399. $3,509.:

Component Description:	review F for 10 C Amount
Amount:	$30.00
Component Description:	Legal fe review, for 399.
Amount:	$756.9(
Component Description:	Review
Amount:	$1,050.(
Component Description:	review F for 2 Cc Amount stations
Amount:	$150.0(

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	A
Other Expenses	**$74,990.00**	**$74,385.00**		
Local Zoning	***$1,500.00***	$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	
MVPD Notification of Channel Change	***$1,500.00***	$1,500.00	N/A	
Develop and air announcement of upcoming channel change	***$1,500.00***	$1,500.00	Costs for the production of on-air and website announcements.	
Equipment Storage	***$5,000.00***	$5,000.00	N/A	
Equipment Delivery and Handling Charges	***$42,300.00***	$42,300.00	delivery and storage costs per transmitter manufacturer's quotes.	

Disposal Costs (for equipment and other waste, net of any salvage value)	***$10,000.00***	$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"	
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
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.
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:** shipping Aux ant **Amount:** $3,172. **Component Description:** freight a line sec **Amount:** $1,017. **Component Description:** shipping antenna **Amount:** $355.89 **Component Description:** freight c antenna **Amount:** $310.07 **Component Description:** 5000LB **Amount:** $2,477. **Component Description:** FREIGH HANDL ANTEN POLE. V **Amount:** $10,673 **Component Description:** 5000LB **Amount:** $2,477.
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** removal voltage **Amount:** $2,827.

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	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.

Certification

Section	Question
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.

Certification

Section	Question
Submission of Final Allocation or Accounting Information 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 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