

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Service: DTV Call Channel: 36 (UHF) Facility **WYTV** Sign:

ID:

File 0000028779

Number:

FRN: 0021758263 Date 10/02

> Submitted: /2020

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WYTV TELEVISION, LLC	Thomas J. Vaughan 3121 RIVERSHORE LANE PORT CHARLOTTE, FL 33953 United States	+1 (941) 764-6867	glenn. richards@pillsburylaw. 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
Jessica Nyman , Esq . FCC Counsel Pillsbury Winthrop Shaw Pittman LLP	Jessica Nyman 1200 Seventeenth Street, NW Washington, DC 20036 United States	+1 (202) 663-8810	jessica. nyman@pillsburylaw. 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	WYTV plans to replace its existing aux transmitter and antenna as well as its main antenna and transmitter with equipment for use on its new repack channel. No Interim facilities will be required since we are able to use the aux facility.

Transmitters

S 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	Aux Facilities
	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	Ultimate
	Year	2002
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	5 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	EC706HP- BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	5.2 kW
	Justification for New Transmitter	Existing Aux transmitter is obsolete and no longer supported. Transmitter requires replacement.

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet

	Other Electrical Service	Yes
	Description	Aux Transmitter Electrical Installation
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
Remove Existing Equipment	Removal of Existing Aux Transmitter
Remote Control Wiring	Wire Up existing remote control to new transmitter.

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	QXD1
	Year	2010
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 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	HPTV-PRLX- U14
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	22.7 kW
	Justification for New Transmitter	Existing transmitter is obsolete and is no longer supported. Manufacturer is no longer building transmitters. See attachment from Comark for IOT reference price.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA

Rigid Conduit and Wiring	Yes
Size	3 inches
Length	200.0 feet
Other Electrical Service	Yes
Description	New Transmitter Electrical Installation
Does the replacement transmitter require HVAC Service?	Yes
Туре	Heating and Cooling
Size	Other
Other Size	8 tons
Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Size	N/A
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
	Size Length Other Electrical Service Description Does the replacement transmitter require HVAC Service? Type Size Other Size Does the Transmitter Building require an addition, modification, other leashold improvement? Size Is an RF Consulting Engineer needed? Is a channel 14 Mask Filer needed? Is additional field engineering time needed?

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Transmitter Remote Control	Transmitter Remote Control
Additional Transmitter Costs	Additional Transmitter Costs
Remote Control Wiring	Wire up existing remote control to new transmitter.
Remove Existing Equipment	Removal of existing main transmitter

Voltage Regulator

Voltage Regulator

Antennas

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

Add Antenna Information

Section	Question	Response
Existing Antenna Description Existing Antenna Manufacturer and Type	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Aux Antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
	Class	Full Power
	Mounting	Side 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)	50.0 kW

Manufacturer	
Model	ALP16L2- HSOC-36
Year	2002

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Aux Antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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)	50.0 kW
	Manufacturer	
		,

Model	ALP16L2- HSOC-31
Year	2017
Justification for New Antenna	Existing Aux Antenna will not work on new channel. Existing slot antenna must be replaced.

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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of	Yes
	transmission line and antenna?	

Other Antenna Cost Not Listed

Information not provided.

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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
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	TFU-21JTH- R 4C300
Year	2010

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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
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)	903.0 kW
	Manufacturer	

Model	TFU-25ETT /VP-R 4C160
Year	2018
Justification for New Antenna	Existing antenna will not operate on new assigned channel. Slot antenna must be replaced.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

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

Information not provided.

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

Auxiliary Transmission

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Aux Antenna Line
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Andrew
Line Manufacturer and Type	Туре	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	600 feet per run

Auxiliary Transmission

Other Transmission Line Expenses Not Listed

n Line	Description
Additional transmission line	Additional transmission line
Model 850C Air Dryer	Model 850C Air Dryer
RF Sweep Optimization	RF Sweep and Optimize on new RF Channel

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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	650 feet per run

Primary Transmi

New Transmission Line

nissio	Section	Question	Response
	New Transmission Line Costs	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
	Length	1600 feet per run	
	Justification for New Transmission Line	ABC	

Primary

Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
Registration	ASR Number	1024492
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 03' 43.0" N-
	Longitude (NAD83)	080° 38' 06.0" W-
	Overall Structure Height	641.40 feet
	Support Structure Height	599.73 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1024.92 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	03/20/1973

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:	Major Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Name	Description	
Tower Climb to Verify Bolt Pattern	Tower Climb to Verify Bolt Pattern	
Additional Antenna Rigging Costs	Additional Antenna Rigging Costs	

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	500
	Explanation	Outside Project management of transition required due to limited staffing availability at station.
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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
Services	For Auxiliary Facility	Yes
	For Main Facility	Yes

	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Ş

Other Professional Services Expenses Not Listed

II Services Costs	Description
Prepare and File FCC Progress Reports	Prepare and file FCC Progress Reports Quarterly

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	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	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
Sales and Use Tax	Sales and Use tax on equipment and services estimated.
Tower Company Project Management Fee	Tower Company Project Management Fee

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 Co
Primary Transmitter HPTV-PRLX- U14	\$1,193,268.20	\$957,903.20		\$886,844.20	
Other HVAC Service Type: H Size:8 (Other)	\$14,241.00	\$14,241.00	See Clayton Heating & Air Conditioning quote July 15, 2019	\$14,241.00	N/A
Voltage Regulator	\$65,335.20	\$65,335.20	See Staco quote QUO-28047- 2HEEX2-3	\$65,335.20	N/A
Remove Existing Equipment	\$25,000.00	\$25,000.00	Remove existing main transmitter	N/A	N/A
Remote Control Wiring	\$3,500.00	\$3,500.00	Wire up existing remote control to new transmitter	N/A	N/A
Additional Transmitter Costs	\$5,547.00	\$5,547.00	See Hitachi change order S /O#10347	\$0.00	N/A
Other Electrical Service: New Transmitter Electrical Installation	\$31,500.00	\$31,500.00	Transmitter Electrical Installation; see Land Communications estimate 167	\$31,500.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	Catalog	\$2,983.00	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$715,935.00	See Comark quote P#3903PRLXU14- 100518.	\$715,935.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	Catalog	\$20,550.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	Catalog	\$36,300.00	N/A
Transmitter Remote Control	\$15,745.00	\$15,745.00	See Burk Technology quote 00003872	\$0.00	N/A
Auxiliary Transmitter EC706HP- BB	\$299,369.00	\$200,899.00		\$153,199.00	
Remote Control Wiring	\$3,500.00	\$3,500.00	Wire up existing remote control to transmitter.	N/A	N/A
Remove Existing Equipment	\$15,000.00	\$15,000.00	Remove existing aux transmitter	N/A	N/A
Other Electrical Service: Aux Transmitter Electrical Installation	\$13,619.00	\$13,619.00	Aux Transmitter Electrical Installation; see Tri Area Electric proposal	\$13,619.00	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	Catalog	N/A	N/A
UHF - Air Cooled Solid State	\$236,500.00	\$139,580.00	See Comark quote P#3951EC- 042319-R1.	\$139,580.00	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	Catalog	N/A	N/A
Sub-total	\$1,492,637.20	\$1,158,802.20	N/A	\$1,040,043.20	N/A
Total for all systems	\$3,475,900.56	\$2,958,761.06	N/A	\$2,111,824.27	N/A

Components

Actual Information Description	File Name	
Other HVAC Service Type: H Size:8 (Other)	Component Description: Amount:	HVAC replacement \$14,241.00
Voltage Regulator	Component Description: Amount:	Voltage Regulator \$65,335.20
Remove Existing Equipment	Information not provided.	
Remote Control Wiring	Information not provided.	
Additional Transmitter Costs	Component Description: Amount:	Additional transmitter cost \$5,547.00

Other Electrical Service: New Transmitter Electrical Installation	Component Description:	Transmitter installation,
	Amount:	installment #1 \$15,750.00
	Component Description:	Transmitter installation,
	Amount:	installment #2 \$15,750.00
3" Rigid Conduit and Wiring		
(Cost per foot)	Component Description:	Neutral conductor for new transmitter
	Amount:	\$2,983.00
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW		
otato Francismos 21 of KW	Component Description:	Transmitter,
		installment #2,
		items 1 and 2
		from invoice; see
		also sales tax
	Amount:	\$322,170.75
	Component Description:	Transmitter,
		installment #3,
		items 1 and 2
		from invoice
	Amount:	\$35,796.75
	Component Description:	Transmitter,
		installment #1,
		items 1 and 2
		from invoice
	Amount:	\$357,967.50

Transformer 3 phase/480v - 300 KVA		
300 RVA	Component Description:	Electrical
		services,
		installment #2
	Amount:	\$10,275.00
	Component Description:	Electrical
		services,
		installment #1
	Amount:	\$10,275.00
Switchgear - industrial 800		
amp	Component Description:	Electrical
		services,
		installment #1
	Amount:	\$18,150.00
	Component Description:	Electrical
	Component Description.	services,
		installment #2
	Amount:	\$18,150.00
Transmitter Remote Control		
	Component Description:	Transmitter
		remote control
	Amount:	\$15,745.00
Remote Control Wiring	Information not provided.	
Remove Existing Equipment	Information not provided.	
Other Electrical Service: Aux		
Transmitter Electrical Installation	Component Description:	Aux transmitter
		electrical
	Amount:	\$13,619.00
	Information not provided.	

Component Description:	Aux transmitter,
	installment #2;
	see also sales tax
Amount:	\$69,790.00
Component Description:	Aux transmitter,
	installment #1;
	see also sales tax
Amount:	\$69,790.00
Information not provided.	
	Amount: Component Description: Amount:

Antennas

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

Dundataustina		Estimated		
Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost
\$308,530.00	\$218,201.00		\$218,201.00	
\$6,730.00	\$6,400.00	Catalog	\$6,400.00	N/A
\$12,300.00	\$10,298.00	Catalog, revised to \$10,298; see Dielectric quote DMS136-6.	\$10,298.00	N/A
\$289,500.00	\$201,503.00	See Dielectric quote DMS136-6; total antenna cost \$221,128 less vpol (\$20,625) which is not reimbursable	\$201,503.00	N/A
\$124,540.00	\$55,177.00		\$28,177.00	
\$6,730.00	\$6,400.00	Catalog	\$6,400.00	N/A
	\$308,530.00 \$6,730.00 \$12,300.00 \$289,500.00	\$308,530.00 \$218,201.00 \$6,730.00 \$6,400.00 \$12,300.00 \$10,298.00 \$289,500.00 \$201,503.00 \$124,540.00 \$55,177.00	\$308,530.00 \$218,201.00 \$6,730.00 \$6,400.00 Catalog \$12,300.00 \$10,298.00 Catalog, revised to \$10,298; see Dielectric quote DMS136-6. \$289,500.00 \$201,503.00 See Dielectric quote DMS136-6; total antenna cost \$221,128 less vpol (\$20,625) which is not reimbursable \$124,540.00 \$55,177.00	\$308,530.00 \$218,201.00 \$218,201.00 \$218,201.00 \$6,400.00 Catalog \$6,400.00 \$12,300.00 \$10,298.00 Catalog, revised to \$10,298; see Dielectric quote DMS136-6. \$289,500.00 \$201,503.00 See Dielectric quote DMS136-6; total antenna cost \$221,128 less vpol (\$20,625) which is not reimbursable \$124,540.00 \$55,177.00 \$28,177.00

Total for all systems	\$3,475,900.56	\$2,958,761.06	N/A	\$2,111,824.27	N/A
Sub-total	\$433,070.00	\$273,378.00	N/A	\$246,378.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally	\$89,400.00	\$21,777.00	See Electronics Research quote 20190430- 394 Rev A	\$21,777.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	Catalog	N/A	N/A
scatter analysis for side mount nigh/med cower antennas if not ncluded in antenna	\$5,260.00	\$5,000.00	Catalog	N/A	

Actual Information	
Description	File Name

Component Description: Amount:	Elbow complex, installment #3 \$1,029.80
Component Description: Amount:	Elbow complex, installment #2, line 3 of invoice \$4,634.10
Component Description: Amount:	Elbow complex, installment #1, line 3 of invoice \$4,634.10
Component Description: Amount:	Main antenna, installment #3 \$20,150.30
Component Description: Amount:	Main antenna, installment #1, line 1 of invoice \$90,676.35
Component Description:	Main antenna, installment #2, line 1 of invoice
	Component Description: Amount: Component Description: Amount: Component Description:

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description: Amount:	Auxiliary antenna, installment #2 \$10,888.50
	Component Description: Amount:	Auxiliary antenna, installment #1 \$10,888.50
	Component Description: Amount:	Auxiliary antenna, installment #1 \$10,888.50

Transmission Line

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

Description Primary	Predetermined Cost Estimate \$323,200.00	Estimated Cost \$205,222.50	Estimated Cost Justification	Actual Cost \$205,222.50	Actual Cost Justification
Transmission Line					
Rigid Transmission Line - copper, 6 1/8"	\$323,200.00	\$205,222.50	See Dielectric quote DMS136-6	\$205,222.50	N/A
Auxiliary Transmission Line	\$12,345.36	\$12,345.36		\$4,845.36	
RF Sweep Optimization	\$7,500.00	\$7,500.00	Sweep existing line and optimize add fine matcher sections	N/A	N/A
Additional transmission line	\$657.41	\$657.41	See ERI proposal 20190430- 394 Rev A	\$657.41	N/A
Model 850C Air Dryer	\$4,187.95	\$4,187.95	See ERI proposal 20190430- 394 Rev A	\$4,187.95	N/A
Sub-total	\$335,545.36	\$217,567.86	N/A	\$210,067.86	N/A
Total for all systems	\$3,475,900.56	\$2,958,761.06	N/A	\$2,111,824.27	N/A

Actual Information		
Description	File Name	

Rigid Transmission Line - copper, 6 1/8"	Component Description:	Transmission line, installment #3
	Amount:	\$20,522.24
	Component Description:	Transmission line, installment #1, line
	Amount:	4 of invoice \$92,350.13
	Component Description:	Transmission line, installment #2, line
	Amount:	4 of invoice \$92,350.13
RF Sweep Optimization	Information not provided.	
Additional transmission line	Component Description:	Transmission line,
	Amount:	installment #2 \$328.70
	Component Description:	Transmission line, installment #1
	Amount:	\$328.71
	Component Description:	Transmission line, installment #1
	Amount:	\$328.71

Model 850C Air Dryer **Component Description:** Model 850C Air Dryer, installment #2 Amount: \$2,093.98 **Component Description:** Model 850C Air Dryer, installment #1 Amount: \$2,093.97 **Component Description:** Model 850C Air Dryer, installment

Amount:

#1

\$2,093.97

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$709,053.00	\$815,193.00		\$415,193.00	
Tower Climb to Verify Bolt Pattern	\$1,925.00	\$1,925.00	See Tri County Tower proposal 11413	\$1,925.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$332,320.00	See Tri County Tower proposal 11628 for main antenna installation; see Tri County Tower proposal 11548 for aux antenna installation.	\$332,320.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	Catalog	N/A	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$31,620.00	See proposals from Elevated Structural Consultants and American Tower	\$31,620.00	N/A
Additional Antenna Rigging Costs	\$49,328.00	\$49,328.00	Additional manpower and equipment needed to meet deadline; see Tri County Tower proposals 09/19/2019 11628 and 11690	\$49,328.00	N/A
Sub-total	\$709,053.00	\$815,193.00	N/A	\$415,193.00	N/A
Total for all systems	\$3,475,900.56	\$2,958,761.06	N/A	\$2,111,824.27	N/A

Actual Information Description	File Name	
Tower Climb to Verify Bolt Pattern	Component Description:	Tower climb to
	Amount:	verify bolt pattern \$1,925.00

Tall Tower (greater than 500')		
,	Component Description: Amount:	Vendor refund (\$104,496.00)
	Component Description:	Aux antenna installation; see
	Amount:	also sales tax \$24,120.00
	Component Description:	Antenna installation,
	Amount:	installment #1 \$92,460.00
	Component Description:	Antenna installation,
	Amount:	installment #1 \$104,496.00
	Component Description:	Deposit towards
	Amount:	tower services \$10,000.00
	Component Description:	Antenna installation,
	Amount:	installment #2 \$215,740.00
	Component Description:	Withdraw request;
	Amount:	complete service (\$10,000.00)
Major tower reinforcement /modifications	Information not provided.	

Tower mapping for an undocumented/poorly **Component Description:** Tower analysis documented tower and \$4,800.00 Amount: preparation of documentation necessary for tower load study **Component Description:** Tower mapping \$16,345.00 Amount: **Component Description:** Structural analysis Amount: \$10,475.00 Additional Antenna Rigging Costs **Component Description:** Additional antenna installation costs \$19,600.00 Amount: **Component Description:** Additional antenna installation costs **Amount:** \$29,728.00

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 Justification
Outside Professional Services	\$228,535.00	\$217,325.00		\$45,309.02	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,075.00	See related invoices	\$3,075.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Catalog	\$625.00	N/A
Project management of the transition	\$79,000.00	\$75,000.00	Catalog	\$40,109.02	N/A
Prepare and File FCC Progress Reports	\$21,000.00	\$21,000.00	Prepare and file FCC Progress Reports	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	Catalog	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	Catalog	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Catalog	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	Catalog	\$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	Catalog	N/A	N/A

reimbursement form Sub-total	\$2,630.00 \$228,535.00	\$2,500.00 \$217,325.00	Catalog N/A	N/A \$45,309.02	N/A N/A
	\$2,630.00	\$2,500.00	Catalog	N/A	N/A
Prepare and or review					
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	Catalog	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	Catalog	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	Catalog	N/A	N/A

Actual Information	
Description	File Name

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Prepare Minor Modification to Construction
	Amount:	Permit \$575.00
	Component Description:	Prepare engineering section of FCC Form 2100, item 5 from invoice summary
	Amount:	\$2,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:	Prepare License to Cover
	Amount:	Application \$625.00
Project management of the		
transition	Component Description:	Project management services
	Amount:	\$158.00
	Component Description:	Project management services 12.1.18
	Amount:	through 12.31.18 \$75.00
	Component Description:	Project management
		services 6.30.18

Component Description: Project

management

services Dec 2019

Amount: \$170.00

Component Description: Project

management services, items 2 & 3 from invoice

summary

Amount: \$2,952.50

Component Description: Project

management

services

Amount: \$416.00

Component Description: Project

management

services Sep 2019

Amount: \$40.00

Component Description: Project

management

services

Amount: \$50.00

Component Description: Project

management

services

Amount: \$404.00

Component Description: Project

management services March

2019

Amount: \$200.00

Component Description: Project

management

services

Amount: \$4,158.02

Component Description: Project

management

services 6.1.19 through 6.28.19

Amount: \$450.00

Component Description: Project

management

services April 2019

Amount: \$123.50

Component Description: Project

management services 4.27.19

through 5.31.19

Amount: \$2,025.00

Component Description: Project

management

services

Amount: \$649.00

Component Description: Project

management

services

Amount: \$1,875.00

Component Description: Project

management

services 7.28.18 through 9.28.18

Amount: \$1,950.00

Component Description: Project

management services 2.1.19 through 3.1.19

Amount: \$1,425.00

Component Description: Project

management

services Jul 2019

Amount: \$100.00

Component Description: Prepare FCC

Schedule 387, item 4 from invoice summary

Amount: \$150.00

Component Description: Project

management services Oct 2019

Amount: \$140.00

Component Description: Project

management services, items 1 and 2 from invoice

summary

Amount: \$703.00

Component Description: Various project

management services, item 6 from invoice summary

Amount: \$1,049.00

Component Description: Prepare FCC

> Schedule 387, item 3 from invoice summary

Amount: \$150.00

Component Description: Project

> management services 10.27.18 through 11.30.18

Amount: \$150.00

Component Description: Project

> management services March

2019

Amount: \$39.00

Component Description: Project

> management services 1.1.19 through 1.31.19.

Amount: \$2,475.00

Component Description: Project

> management services 3.30.19 through 4.26.19

Amount: \$1,200.00

Component Description: Project

> management services February

2019

Amount: \$80.00 **Component Description:** Project

> management services various, item 1 from

invoice summary

Amount: \$8,437.50

Component Description: Project

management

services Aug 2019

Amount: \$260.00

Component Description: Project

> management services 9.29.18 through 10.26.18

Amount: \$1,200.00

Component Description: Project

management

services Jun 2019

Amount: \$170.00

Component Description: Prepare FCC

> Schedule 387, item 2 from invoice summary

Amount: \$300.00

Component Description: Project

> management services 3.2.19 through 3.29.19

Amount: \$6,075.00

Component Description: Project

management

services May 2019

\$84.50 Amount:

Information not provided.	
Information not provided.	
Component Description:	STA to operate repack post auction interim facility using an ERI model antenna while new post auction main facility is built out
Component Description: Amount:	repack post auction interim facility using an ERI model antenna while new post auction main
	repack post auction interim facility using an ERI model antenna while new post auction main facility is built out
	Information not provided. Information not provided. Information not provided. Information not provided.

Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.

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	\$277,060.00	\$276,495.00		\$154,833.19	
Sales and Use Tax	\$172,000.00	\$172,000.00	Estimated sales and use tax using OH effective tax rates	\$91,834.95	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Catalog	\$9,088.00	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	equipment shipping and delivery	\$12,730.24	N/A
Equipment Storage	\$12,000.00	\$12,000.00	Equipment storage until needed on site	\$6,700.00	N/A
Tower Company Project Management Fee	\$9,480.00	\$9,480.00	See American Tower PO Request	\$9,480.00	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	Disposal of glycol and beam supply oil; see Estimate 27 USA Commercial	\$25,000.00	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	local permits for mechanicals	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	Catalog	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	Catalog	N/A	N/A
Sub-total	\$277,060.00	\$276,495.00	N/A	\$154,833.19	N/A
Total for all systems	\$3,475,900.56	\$2,958,761.06	N/A	\$2,111,824.27	N/A

Actual Information Description	File Name	
Sales and Use Tax	Component Description: Amount:	Sales tax on additional antenna installation costs \$1,421.00
	Component Description:	Sales tax on additional antenna installation costs
	Amount:	\$2,155.28

Component Description: Sales tax on aux

antenna installation

Amount: \$1,748.70

Component Description: Sales tax on

antenna installation, installment #1

Amount: \$6,703.35

Component Description: Sales tax on aux

antenna

Amount: \$2,001.06

Component Description: Sales tax on

transmitter, installment #2

Amount: \$23,357.38

Component Description: Tax on additional

transmitter part

Amount: \$402.16

Component Description: Tax due on tower

climb to verify bolt

pattern

Amount: \$139.57

Component Description: Sales tax on aux

transmitter, installment #1

Amount: \$5,059.78

Component Description: Tax on transmitter,

installment #1

Amount: \$25,952.64

Component Description: Sales tax on

transmitter, installment #1

Amount: \$25,952.64

Component Description: Tax on antenna

installation, installment #2

Amount: \$15,641.15

Component Description: Sales tax on aux

transmitter, installment #2

Amount: \$5,059.78

Component Description: Sales tax on

transmitter, installment #3

Amount: \$2,595.26

DTV Medical Facility Notification

Component Description:

Notification of medical facilities

Amount: \$4,544.00

Component Description: Notification of

medical facilities

Amount: \$4,544.00

Equipment Delivery and Handling Charges		
ramaming of the good	Component Description:	Main antenna
	Amount:	freight cost \$7,250.79
	Amount:	\$1,230.19
	Component Description:	Aux antenna
		shipping
	Amount:	\$978.47
	Component Description:	Main antenna
		shipping cost
	Amount:	\$3,145.18
	Component Description:	Transmitter
		remote control
		shipping and
		handling
	Amount:	\$233.74
	Component Description:	Main antenna
		shipping cost
	Amount:	\$565.36
	Component Description:	Voltage regulator
		shipping cost
	Amount:	\$790.44
Equipment Storage		
	Component Description:	Main antenna
	A	storage
	Amount:	\$6,700.00
Tower Company Project Management Fee		
a.iagoinoitti oo	Component Description:	Tower company
		project
	Amount:	management fee \$9,480.00
	/ 111041111	Ψυ, τυυ.υυ

MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Disposal costs \$25,000.00
Non-zoning permits	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.	

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,475,900.56	\$2,958,761.06	\$2,111,824.27

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

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. Thomas J. Vaughan *Manager*

10/02/2020

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. Thomas J. Vaughan *Manager*

10/02/2020

Attachments