



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73336** | Service: **DTV** | Call **WNJX-TV** | Channel: **31 (UHF)** |  
ID: | Sign:  
File **0000028563**  
Number:  
FRN: **0004343323** | Date **07/12**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TELEVICENTRO OF PUERTO RICO, LLC	JAVIER MAYNULET P.O. BOX 362050 SAN JUAN, PUERTO RICO 00936-2050 Puerto Rico	(787) 7924444	javier. maynulet@wapa- tv.com	Limited Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
Sara L Hinkle , Esq . Lerman Senter PLLC	2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 1082	shinkle@lermansenter. 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.	Yes
Briefly describe transition plan	File for construction permit, antenna structure modifications as needed, removal of current antenna stack, installation of new antenna stack, install new or retune transmitter, auxiliary facility construction, file for license.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCX-2
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 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	Parallax
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30 kW
	Justification for New Transmitter	As per manufacturer notification, no support for retuning to a new channel is available for the existing Thales transmitter.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches

	Length	320.0 feet
	Other Electrical Service	Yes
	Description	Main Breakers, Safety Switches, for transmitters cabinets, Cooling Pumps and heat exchangers..
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**      **Other Transmitter Cost Not Listed**

Name	Description
<b>Taxes</b>	State and local taxes
<b>State Services tax</b>	State Service Tax 4%

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	Parallax
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	See Attached WNJX Interim Transmitter Justification.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	Yes

	Description	Main Breaker and safety switch for transmitter, cooling Pumps and Heat Exchange, Air Conditioner and UPS.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	No

**Interim Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Mask Filter Upgrade</b>	8 Poles Mask Filter Update for Proposed Interim Transmitter
<b>Motorized Switch</b>	Motorized Transfer Switch
<b>State Services tax</b>	State Service Tax 4%

<b>Taxes</b>	State and local taxes
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**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	400.0 kW

Manufacturer	
Model	TFU-14 GTH C170 DC
Year	2003

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	476.0 kW
	Manufacturer	

Model	TFU-16ETT /VP-R 4C170
Year	2017
Justification for New Antenna	Existing antenna is not tunable from ch-23 to channel 31.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Taxes</b>	State and local taxes

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	225.0 kW
	Manufacturer	
	Model	TLP-24M /VP-R (C)
	Year	2018

	Justification for New Antenna	In order to remain on the air while tower replacement and antenna stack removal installation is completed
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
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 an 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 transmission line and antenna?	Yes

## Interim Antenna

### Other Antenna Cost Not Listed

Name	Description
Taxes	State and local taxes



**Transmission Line**

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

**Primary Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	500 feet per run

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

No information not provided.

Interim  
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	400 feet per run
	Justification for New Transmission Line	Due to tower and antenna stack replacement. The use of the existing transmission line for interim facilities is not possible.

Interim  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Taxes	State and local taxes

**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?	
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1237284
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	18° 08' 53.1" N-
	Longitude (NAD83)	066° 58' 58.6" W-
	Overall Structure Height	404.85 feet
	Support Structure Height	306.10 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2893.01 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Televicentro of Puerto Rico, LLC
	Date Constructed	03/01/2003

**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
53863	WIPM-TV	DTV
58342	WJWN-TV	DTV

## Primary Tower

### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for 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	Other
Helicopter Services Required	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Sales tax	Materials @11.5%
Interim Tower	An existing nearby tower will be used as interim tower while existing tower is modified and existing antenna stack is replaced, rigging cost will be incurred due to interim antenna and transmission line installation on that tower.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	1000
	Explanation	Due to budget constraints the station does not have the necessary personnel to manage the project.
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	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	Yes
	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Sales Taxes</b>	State taxes for project management, consulting and legal fees @ 4%

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**Quarterly Progress Reports.**

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Quarterly Repack Progress Report Form  
preparation and filling

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## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	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
<b>Services Taxes</b>	State taxes for project management, consulting and legal fees @ 4%
<b>Station Employees Time</b>	Stations Employees Time Dedicated to Repack Functions
<b>Adjacent channel filter</b>	8 pole filter to minimize mutual coupling between adjacent channels
<b>Adjacent channel filter sales tax</b>	Sales tax @ 11.5%

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter Parallax	\$609,721.25	\$584,021.25		\$0.00	
Taxes	<i>\$33,988.25</i>	\$33,988.25	State and City Sales Tax 11.5%	N/A	N/A
Motorized Switch	<i>\$4,835.00</i>	\$4,835.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#2992B-PRLXU8-061917-R4 Item 2.1	N/A	N/A
Mask Filter Upgrade	<i>\$15,000.00</i>	\$15,000.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#2992B-PRLXU8-061917-R4 Item 2.3	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A

Other Electrical Service: Main Breaker and safety switch for transmitter, cooling Pumps and Heat Exchange, Air Conditioner and UPS.	<b>\$35,000.00</b>	\$35,000.00	Based on manufacturer UPS pricing consultations, previous experience during the analog to digital transition and the amount of high voltage switches, breakers and other materials needed.	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#2992B-PRLXU8-061917-R4 Items 1 thru 1.17	N/A	N/A
State Services tax	<b>\$948.00</b>	\$948.00	State Services Tax 4% See Attached Excel worksheet.	N/A	N/A
<b>Primary Transmitter Parallax</b>	<b>\$1,133,275.00</b>	<b>\$1,061,090.00</b>		<b>\$478,966.50</b>	

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$875,135.00	See Attached Hitachi Comark transmitter quotations	\$478,966.50	N/A
State Services tax	<b>\$368.00</b>	\$368.00	State Services Tax 4%	N/A	N/A
Taxes	<b>\$162,587.00</b>	\$162,587.00	State and City Sales Tax 11.5%	N/A	N/A
Other Electrical Service: Main Breakers, Safety Switches, for transmitters cabinets, Cooling Pumps and heat exchangers..	<b>\$15,000.00</b>	\$15,000.00	Based on previous experience and the amount of high voltage switches, breakers and other materials needed.	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$8,320.00	\$8,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,742,996.25	\$1,645,111.25	N/A	\$478,966.50	N/A
<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

## Components

Actual Information	
Description	File Name
Taxes	Information not provided.
Motorized Switch	Information not provided.

Mask Filter Upgrade	Information not provided.
5 Ton system	Information not provided.
Other Electrical Service: Main Breaker and safety switch for transmitter, cooling Pumps and Heat Exchange, Air Conditioner and UPS.	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.
State Services tax	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<div> <div> <b>Component Description:</b> </div> <div> WNJX - Main Comark transmitter costs; Invoice #11435, PO #132262 with cover letter explanation. </div> </div> <div> <b>Amount:</b> </div> <div> \$478,966.50 </div>
State Services tax	Information not provided.
Taxes	Information not provided.
Other Electrical Service: Main Breakers, Safety Switches, for transmitters cabinets, Cooling Pumps and heat exchangers..	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

## Cost Information

### Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLP-24M /VP-R (C)	\$234,077.68	\$91,504.48		\$34,626.06	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$59,931.80	See Attached Aux Antenna Dielectric proposal 800043CMZ-1, LINE 1, ITEM 11000000077, UHF ANTENNA SIDE MOUNT.	\$26,969.31	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	N/A	N/A
Taxes	\$9,437.68	\$9,437.68	State and City Sales Tax 11.5%	N/A	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,615.00	See Attached Aux Antenna Dielectric proposal 800043CMZ-1, LINE 2, ITEM 11000000077, MOUNTING BRACKETS	\$4,776.75	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Attached Aux Antenna Dielectric proposal 800043CMZ-1, LINE 20, ITEM REPACK SWEEP.	\$2,880.00	N/A
<b>Primary Antenna TFU-16ETT /VP-R 4C170</b>	<b>\$336,012.13</b>	<b>\$266,457.13</b>		<b>\$0.00</b>	
Taxes	<b>\$27,482.13</b>	\$27,482.13	State and City Sales Tax 11.5%	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$221,591.00	See Attached Dielectric quote, WNJX Antenna	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Attached Main Antenna Dielectric proposal 8/4 /2017, LINE 7, ITEM REPACK SWEEP.	N/A	N/A



Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	See Attached Aux Antenna Dielectric proposal 8/2 /2017, LINE 4, ITEM 11000000077, ELBOW COMPLEX SINGLE CHANNEL	N/A	N/A
<b>Sub-total</b>	\$570,089.81	\$357,961.61	N/A	\$34,626.06	N/A
<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

## Components

Actual Information	
Description	File Name
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<p><b>Component Description:</b> Dielectric - WNJX Interim antenna with v-pol (non-upgrade). First 45% payment. Invoice #MAN00292, PO #132185.</p> <p><b>Amount:</b> \$26,969.31</p>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Taxes	Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)	<p><b>Component Description:</b> Dielectric - WNJX Interim antenna custom mount. First 45% payment. Invoice #MAN00292, PO #132185.</p> <p><b>Amount:</b> \$4,776.75</p>
Sweep test of existing antenna	<p><b>Component Description:</b> Dielectric - WNJX Interim antenna sweep. First 45% payment. Invoice #MAN00292, PO #132185.</p> <p><b>Amount:</b> \$2,880.00</p>
Taxes	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Information not provided.
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Interim Transmission Line	\$25,873.45	\$22,042.54		\$8,896.09	
Taxes	\$2,273.45	\$2,273.45	State and City Sales Tax 11.5%	N/A	N/A
Flexible Air Transmission Line - dielectric, 3"	\$23,600.00	\$19,769.09	See Attached Aux Antenna Dielectric proposal 800043CMZ-1, LINE 3, ITEMS 4- 20, FLEXIBLE TRANSMISSION LINE 3" AIR 400'	\$8,896.09	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$25,873.45	\$22,042.54	N/A	\$8,896.09	N/A
Total for all systems	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

Components

Actual Information	
Description	File Name
Taxes	Information not provided.

Flexible Air Transmission Line - dielectric, 3"	<table><tr><td data-bbox="703 94 1134 548"><b>Component Description:</b></td><td data-bbox="1134 94 1431 548">Dielectric - WNJX Interim transmission line. First 45% payment. Invoice #MAN00292, PO #132185.</td></tr><tr><td data-bbox="703 548 1134 548"><b>Amount:</b></td><td data-bbox="1134 548 1431 548">\$8,896.09</td></tr></table>	<b>Component Description:</b>	Dielectric - WNJX Interim transmission line. First 45% payment. Invoice #MAN00292, PO #132185.	<b>Amount:</b>	\$8,896.09
<b>Component Description:</b>	Dielectric - WNJX Interim transmission line. First 45% payment. Invoice #MAN00292, PO #132185.				
<b>Amount:</b>	\$8,896.09				

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$942,200.00	\$899,600.00		\$1,872.00	
Interim Tower	<i>\$60,000.00</i>	\$60,000.00	Estimated rigging cost for the interim antenna and transmission line installation based on previous experience at that site and remote location of the site. See attached WNJX Relocation Fund Administrator request for additional information document.	N/A	N/A
Sales tax	<i>\$27,600.00</i>	\$27,600.00	State and City Sales Tax 11.5%	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$1,872.00	N/A

Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$942,200.00	\$899,600.00	N/A	\$1,872.00	N/A
<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

## Components

Actual Information	
Description	File Name
Interim Tower	Information not provided.
Sales tax	Information not provided.
Structural engineering tower load study for well documented tower	<p><b>Component Description:</b> WNJX tower mapping associated with structural study by engineers with tax. Invoice #1178, PO #132289.</p> <p><b>Amount:</b> \$1,872.00</p>
Major tower reinforcement /modifications	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$233,726.00</b>	<b>\$221,486.00</b>		<b>\$11,328.00</b>	
Quarterly Progress Reports.	<i>\$2,150.00</i>	\$2,150.00	Quarterly repack progress report documents preparation and filling based on previous experience with FCC filings	N/A	N/A
Sales Taxes	<i>\$6,086.00</i>	\$6,086.00	State Service Tax 4 percent	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	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	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,340.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$158,000.00	\$150,000.00	N/A	\$3,744.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$3,744.00	Initial preparation and review of Schedule 399's cost more than the Widely Report estimate.
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$1,500.00	N/A
<b>Sub-total</b>	\$233,726.00	\$221,486.00	N/A	\$11,328.00	N/A
<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

## Components

Actual Information	
Description	File Name
Quarterly Progress Reports.	Information not provided.
Sales Taxes	Information not provided.
RF Exposure Measurements	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	Information not provided.
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	Information not provided.
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> WNJX consulting engineering, channel studies for main and aux. Invoice #1168, PO #132293.</p> <p><b>Amount:</b> \$2,340.00</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Project management of the transition	<div> <b>Component Description:</b> WNJX project management services. Invoice #1164, PO #132296.         </div> <div> <b>Amount:</b> \$1,560.00         </div>
	<div> <b>Component Description:</b> WNJX project management services. Invoice #1172, PO #132290.         </div> <div> <b>Amount:</b> \$2,184.00         </div>
Prepare and or review reimbursement form	<div> <b>Component Description:</b> WNJX reimbursement form preparation and review by consulting engineer. Invoice #1158, PO #132297.         </div> <div> <b>Amount:</b> \$1,404.00         </div>
	<div> <b>Component Description:</b> WNJX preparation and review of reimbursement form by consulting engineer. Invoice #1160, PO #132300.         </div> <div> <b>Amount:</b> \$1,092.00         </div>
	<div> <b>Component Description:</b> WNJX preparation and review of reimbursement form by consulting engineer. Invoice #1166, PO #132295.         </div> <div> <b>Amount:</b> \$1,248.00         </div>

ASR modification (prepare  
FCC Form 854)

**Component Description:**

WNJX ASR  
modification,  
consulting  
engineering  
service. Invoice #  
241819, PO  
#132199.

**Amount:**

\$1,500.00

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$420,313.00</b>	<b>\$419,708.00</b>		<b>\$250.00</b>	
Adjacent channel filter sales tax	<i>\$9,200.00</i>	\$9,200.00	State and City Sales Tax 11.5%	N/A	N/A
Adjacent channel filter	<i>\$80,000.00</i>	\$80,000.00	Estimate based on manufacturer consultations. Final quote will be submitted as soon as received..	N/A	N/A
Station Employees Time	<i>\$216,963.00</i>	\$216,963.00	Estimated based on internal calculations for station employees repack dedicated times. See attached Exhibit 1.	N/A	N/A
Services Taxes	<i>\$2,460.00</i>	\$2,460.00	In State Companies /individuals Services tax 4%	N/A	N/A

MVPD Notification of Channel Change	<b>\$7,000.00</b>	\$7,000.00	Estimate based on previous experience during the analog to digital transition.	N/A	N/A
Develop and air announcement of upcoming channel change	<b>\$20,000.00</b>	\$20,000.00	Estimate based on previous experience during the analog to digital transition.	N/A	N/A
Equipment Delivery and Handling Charges	<b>\$50,000.00</b>	\$50,000.00	Estimate based on previous experience during the analog to digital transition, the site remote location and difficult accessibility. See Attached quotations documents and the Request for additional information attached document for explanation	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$4,500.00</b>	\$4,500.00	Estimate based on previous experience during the analog to digital transition, the site remote location and difficult accessibility.	N/A	N/A
Local Zoning	<b>\$10,000.00</b>	\$10,000.00	Estimated local authority fees based on previous experience during the analog to digital transition for tower work and other permits.	\$250.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A



Equipment Storage	\$7,000.00	\$7,000.00	Estimate based on previous experience during the analog to digital transition.	N/A	N/A
<b>Sub-total</b>	\$420,313.00	\$419,708.00	N/A	\$250.00	N/A
<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40	N/A	\$535,938.65	N/A

## Components

Actual Information	
Description	File Name
Adjacent channel filter sales tax	Information not provided.
Adjacent channel filter	Information not provided.
Station Employees Time	Information not provided.
Services Taxes	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.

Local Zoning	<p><b>Component Description:</b> WNJX local zoning permit for construction. March 2018. Receipt #2018004708 - Revised.</p> <p><b>Amount:</b> \$250.00</p>
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.
Equipment Storage	Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$3,935,198.51	\$3,565,909.40
			\$535,938.65

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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

Certification	Section	Question	Response
	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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Craig Fischer</b> <i>Vice President</i></p> <p>07/12/2018</p>

Certification	Section	Question	Response
	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>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.



<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Craig Fischer</b>  <i>Vice President</i></p> <p>07/12/2018</p>

## Attachments