

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 73336 Service: DTV Call WNJX-TV Channel: 31 (UHF)

10/15

ID:

Sign:

File **0000028563**

Number:

FRN: **0004343323** Date

Submitted: /2018

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TELEVICENTRO OF PUERTO RICO, LLC Doing Business As: TELEVICENTRO OF PUERTO RICO, LLC	JAVIER MAYNULET P.O. BOX 362050 SAN JUAN, PR 00936 Puerto Rico	7877924444	javier. maynulet@wapa- tv.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
Sally A. Buckman , Esq . Lerman Senter PLLC	Sally Buckman 2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6762	sbuckman@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

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	DCX-2
	Year	2003
	Туре	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
	Size	2 inch

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

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Taxes	State and local taxes
State Services tax	State Service Tax 4%

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	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
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	200.0 feet
	Other Electrical Service	Yes

	Description	Main Breaker and safety switch for transmitter, cooling Pumps and Heat Exchange, Air Conditioner and UPS.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
State Services tax	State Service Tax 4%
Taxes	State and local taxes
Mask Filter Upgrade	8 Poles Mask Filter Update for Proposed Interim Transmitter

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Motorized Transfer Switch

Antennas

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

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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	Тор
	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)	400.0 kW

Manufacturer	
Model	TFU-14 GTH C170 DC
Year	2003

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	Тор
	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)	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.

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
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Other Antenna Cost Not Listed

Name	Description
Taxes	State and local taxes
Wedding Cake Mount	Wedding Cake Mount
Feed Components	Feed Components
Fixed FLG	Fixed FLG
Trans Test	Trans Test

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	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)	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

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

Primary Transmission

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	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	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

Other Transmission Line Expenses Not Listed

Primary

Transmission loine tion not provided.

Interim

New Transmission Line

Transmissio	n Line Section	Question	Response
New Transmission Line Costs		Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	3 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	400 feet per
		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

Other Transmission Line Expenses Not Listed

Transmission	n <mark>daine</mark>	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	Do you have a tower registration number?	Yes
Registration	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 fee

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
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.
Sales tax	Materials @11.5%

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	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.
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	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
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

I Services Costs	Description
Other Costs	Costs associated with Modifications and Revisions

Comprehensive Coverage Verification	Field Study Coverage Verification; travel to site
Quarterly Progress Reports.	Quarterly Repack Progress Report Form preparation and filling
Sales Taxes	State taxes for project management, consulting and legal fees @ 4%

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Adjacent channel filter	8 pole filter to minimize mutual coupling between adjacent channels
Adjacent channel filter sales tax	Sales tax @ 11.5%
Services Taxes	State taxes for project management, consulting and legal fees @ 4%
Station Employees Time	Stations Employees Time Dedicated to Repack Functions

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		\$3,349.03	
Motorized Switch	\$4,835.00	\$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	\$15,000.00	\$15,000.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#2992B- PRLXU8- 061917-R4 Item 2.3	N/A	N/A
Taxes	\$33,988.25	\$33,988.25	State and City Sales Tax 11.5%	N/A	N/A
State Services tax	\$948.00	\$948.00	State Services Tax 4% See Attached Excel worksheet.	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A

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Other	\$35,000.00	\$35,000.00	Based on	\$1,429.03	N/A
Electrical			manufacturer		
Service:			UPS pricing		
Main			consultations,		
Breaker and			previous		
safety			experience		
switch for			during the		
transmitter,			analog to		
cooling			digital		
Pumps and			transition and		
Heat			the amount		
Exchange,			of high		
Air			voltage		
Conditioner			switches,		
and UPS.			breakers and		
			other		
			materials		
			needed.		
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	\$1,920.00	N/A
UHF -	\$494,500.00	\$470,000.00	See Attached	\$0.00	N/A
Liquid	ψ+3+,300.00	ψ+10,000.00	Hitachi	ψ0.00	14/7
Cooled			Kokusai		
Solid State			Electric		
Transmitter			Comark LLC		
8.2 - 13 kW			Proposal		
U.Z - 13 KVV			P#2992B-		
			P#2992B- PRLXU8-		
			061917-R4		
			Items 1 thru		
			1.17		
	\$1,133,275.00	\$1,061,090.00		\$857,533.21	
Primary Transmitter Parallax	Ψ1,100,270.00	, , ,			
Transmitter	\$368.00	\$368.00	State	N/A	N/A
Transmitter Parallax			State Services Tax 4%	N/A	N/A
Transmitter Parallax State			Services Tax	N/A \$55,085.00	N/A

Other Electrical Service: Main Breakers, Safety Switches, for transmitters cabinets, Cooling Pumps and heat exchangers	\$15,000.00	\$15,000.00	Based on previous experience and the amount of high voltage switches, breakers and other materials needed.	\$1,347.79	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$8,320.00	\$8,000.00	N/A	\$2,628.47	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$875,135.00	See Attached Hitachi Comark transmitter quotations	\$798,471.95	N/A
Sub-total	\$1,742,996.25	\$1,645,111.25	N/A	\$860,882.24	N/A
Total for all systems	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A

Components

Actual Information Description	File Name
Motorized Switch	Information not provided.
Mask Filter Upgrade	Information not provided.
Taxes	Information not provided.
State Services tax	Information not provided.
5 Ton system	Information not provided.

Other Electrical Service: Main Breaker and safety switch for transmitter, cooling Pumps and Heat	Component Description:	Roger Electric Invoice# 0003504368; For Fusible Element;
Exchange, Air		Invoice Cost plus Sales
Conditioner and UPS.	Amount:	Tax \$227.68
	Component Description:	WNJX, Electrical
		Breaker with Actual
		shipping and handling
		Inv# 88C79474V5081223D
	Amount:	\$401.35
	Component Description:	Widespread Electrical
	la para la par	Sales Inv# 60053, for
		Cutler hammer.
	Amount:	\$800.00
2" Rigid Conduit and		
Wiring (Cost per foot)	Component Description:	WNJX Electrical
	·	Wiring, EBAY, Inv#
		183011543148
	Amount:	\$625.00
	Component Description:	WNJX Electric Wiring;
		Inv#
		9SU91768RX242453M
	Amount:	\$625.00
	0	MALLY Fatar Outlan
	Component Description:	WNJX Eaton Cutler Hammer with ACTUAL
		shipping cost; Inv#
		4PF85505KA1336700
	Amount:	\$670.00
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.	
State Services tax	Information not provided.	

Taxes		
	Component Description:	Taxes paid to the PR
		government on Invoice
		11435. Note the initial
		invoice 11435 is
		AFTER the tax
		information.
	Amount:	\$55,085.00
Other Electrical		
Service: Main	Component Description:	Electrical Products Inv#
Breakers, Safety		2LM70454MR2356222;
Switches, for		Cutler Hammer for
ransmitters cabinets,		Primary Transmitter
Cooling Pumps and neat exchangers	Amount:	\$1,347.79
2" Rigid Conduit and		
Wiring (Cost per foot)	Canananan Daganin tian	MANINE EL SANIS EL MANINES
	Component Description:	WNJX Electrical Wiring
		with ACTUAL shipping costs Inv#
		32T70663FP7719525
	Amount:	\$2,628.47
	Amount.	ψ ∠ ,0∠0.4 <i>1</i>

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW

Component Description: WNJX - Main Comark

transmitter costs; Invoice #11435, PO #132262 with cover letter explanation.

Amount: \$478,966.50

Component Description: Comark Invoice

S10210, Second 45% payment, Minus Maximization.

Amount: \$303,168.50

Component Description: Mays Ochoa Inv#

162322; For Deionized Water costs plus taxes.

Amount: \$1,036.95

Component Description: WNJX Comark Site

Design, Inv# 11343,

PO# 132112.

Amount: \$15,300.00

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		\$65,301.57	
Taxes	\$9,437.68	\$9,437.68	State and City Sales Tax 11.5%	N/A	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
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	\$9,553.50	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.	\$5,760.00	N/A

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.	\$49,988.07	N/A
Primary Antenna TFU-16ETT /VP-R 4C170	\$380,107.13	\$310,552.13		\$199,813.50	
Fixed FLG	\$1,842.00	\$1,842.00	N/A	\$1,657.80	N/A
Feed Components	\$17,840.00	\$17,840.00	N/A	\$16,056.00	N/A
Wedding Cake Mount	\$22,144.00	\$22,144.00	N/A	\$19,929.60	N/A
Taxes	\$27,482.13	\$27,482.13	State and City Sales Tax 11.5%	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 1100000077, ELBOW COMPLEX SINGLE CHANNEL	\$9,885.60	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.	\$5,760.00	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	\$144,482.40	N/A
Trans Test	\$2,269.00	\$2,269.00	N/A	\$2,042.10	N/A
Sub-total	\$614,184.81	\$402,056.61	N/A	\$265,115.07	N/A
Total for all systems	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A

Components

Actual Information Description	File Name	
Taxes	Information not provided.	
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)	Component Description:	WNJX Dielectric Interim Antenna, Inv# MAN00399, PO# 132185
	Amount:	\$4,776.75
	Component Description: Amount:	Dielectric - WNJX Interim antenna custom mount. First 45% payment. Invoice #MAN00292, PO #132185. \$4,776.75

Sweep test of existing antenna		
	Component Description:	Dielectric - WNJX
		Interim antenna
		sweep. First 45%
		payment. Invoice
		#MAN00292, PO
		#132185.
	Amount:	\$2,880.00
	Component Description:	WNJX Dielectric
	· ·	Interim Antenna,
		Inv# MAN00399,
		PO# 132815
	Amount:	\$2,880.00
UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	Dielectric - WNJX Interim antenna with v-pol (non- upgrade). First 45% payment. Invoice #MAN00292, PO #132185.
	Amount:	\$26,969.31
	Component Description:	WNJX Dielectric
		Interim Antenna,
		Inv# MAN00399,
		PO# 1312185
	Amount:	\$23,018.76

Fixed FLG	Component Description:	WNJX Dielectric Main Antenna,
	Amount:	Inv# MAN00310, PO# 131968 \$828.90
	Component Description:	Dielectric Inv# MAN00122; Fixed
	Amount:	FLG \$828.90
Feed Components		
	Component Description:	WNJX Dielectric Main Antenna, Inv# MAN00310, PO# 131968
	Amount:	\$8,028.00
	Component Description:	Dielectric Inv# MAN00122; Feed through
	Amount:	components \$8,028.00
Wedding Cake Mount		
	Component Description:	Dielectric Inv# MAN00122; Wedding Cake
	Amount:	Mount \$9,964.80
	Component Description:	WNJX Dielectric Main Antenna, Inv# MAN00310,
	Amount:	PO# 131968 \$9,964.80

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	Dielectric Inv# MAN00122; Elbow
	Amount:	Complex. \$4,942.80
	Component Description:	WNJX Dielectric Main Antenna, Inv# MAN00310,
	Amount:	PO# 131968 \$4,942.80
Sweep test of existing		
antenna	Component Description:	Dielectric Inv# MAN00122; Sweep Testing
	Amount:	\$2,880.00
	Component Description:	WNJX Dielectric
		Main Antenna, Inv# MAN00310, PO# 131968
	Amount:	\$2,880.00
UHF - High Power Top Mount (200-1000 kW), One		
station antenna, elliptically or circularly polarized	Component Description:	Dielectric Inv# MAN00122; High Power Top Mount.
	Amount:	\$72,241.20
	Component Description:	WNJX Dielectric
		Main Antenna, Inv# MAN00310, PO# 131968
	Amount:	\$72,241.20

Trans Test		
	Component Description:	WNJX- Dielectric
		Main Antenna,
		Inv# MAN00310,
		PO# 131968
	Amount:	\$1,021.05
	Component Description:	Dielectric Inv#
		MAN00122; Trans
		Test
	Amount:	\$1,021.05

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 Co Justificat
Interim Transmission Line	\$25,873.45	\$22,042.54		\$17,792.18	
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'	\$17,792.18	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$25,873.45	\$22,042.54	N/A	\$17,792.18	N/A
Total for all systems	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A

Actual Information Description	File Name
Taxes	Information not provided.

Flexible Air Transmission Line - dielectric, 3"

Component Description: WNJX Dielectric

Interim Antenna, Inv# MAN00399, PO# 132185

Amount: \$8,896.09

Component Description: Dielectric - WNJX

Interim

transmission line.

First 45%

payment. Invoice #MAN00292, PO

#132185.

Amount: \$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		\$6,872.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$6,872.00	N/A
Interim Tower	\$60,000.00	\$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	\$27,600.00	\$27,600.00	State and City Sales Tax 11.5%	N/A	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
Sub-total	\$942,200.00	\$899,600.00	N/A	\$6,872.00	N/A
Total for all systems	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A

Actual Information Description	File Name	
Structural engineering tower load study for well documented tower	Component Description:	WNJX Malouf Engineering, Inv# 1801059V0, PO# 131999
	Amount:	\$5,000.00
	Component Description: Amount:	WNJX tower mapping associated with structural study by engineers with tax. Invoice #1178, PO #132289. \$1,872.00
Interim Tower	Information not provided.	
Sales tax	Information not provided.	
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
Outside Professional Services	\$245,726.00	\$235,486.00		\$31,480.19	
Sales Taxes	\$6,086.00	\$6,086.00	State Service Tax 4 percent	N/A	N/A
Quarterly Progress Reports.	\$2,150.00	\$2,150.00	Quarterly repack progress report documents preparation and filling based on previous experience with FCC filings	N/A	N/A
Comprehensive Coverage Verification	\$10,500.00	\$10,500.00	N/A	\$10,463.19	N/A
Other Costs	\$1,500.00	\$1,500.00	N/A	\$500.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$1,500.00	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	\$5,000.00	Actual cost was greater than estimated cost. Instructed to increase estimated costs.	\$3,375.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,215.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$0.00	Initial preparation and review of Schedule 399's cost more than the Widelity Report estimate.

Project management of the transition	\$158,000.00	\$150,000.00	N/A	\$11,427.00	N/A
Sub-total	\$245,726.00	\$235,486.00	N/A	\$31,480.19	N/A
Total for all systems	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A

Actual Information Description	File Name	
Sales Taxes	Information not provided.	
Quarterly Progress Reports.	Information not provided.	
Comprehensive Coverage Verification	Component Description: Amount:	Peter Eckmann Inv#1701; Network coverage verification \$10,463.19
Other Costs	Component Description:	du Treil Invoice# 241276; For
	Amount:	Revision of ERP \$500.00
RF Exposure Measurements	Information not provided.	
ASR modification (prepare FCC Form 854)	Component Description: Amount:	WNJX ASR modification, consulting engineering service. Invoice # 241819, PO #132199.

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	Component Description:	du Treil Invoice# 240854; Note ampersand simple does not work in
	Amount:	Vendor Name box. \$2,625.00
	Component Description:	WNJX Consulting Engineering; du Treil, Inv#241720
	Amount:	\$750.00
Perform engineering study for new channel assignment and antenna development	Component Description:	WNJX consulting engineering, channel studies for main and aux. Invoice #1168, PO
	Amount:	#132293. \$2,340.00
	Component Description:	du Treil Inv# 241151, minus maximization costs. Note ampersand does not work within the vendor name box.
	Amount:	\$1,875.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review reimbursement form

Component Description: WNJX preparation

and review of reimbursement form by consulting engineer. Invoice

#1160, PO #132300.

Amount: \$1,092.00

Component Description: WNJX preparation

and review of reimbursement form by consulting engineer. Invoice

#1166, PO #132295. \$1.248.00

Amount: \$1,248.00

Component Description: WNJX

reimbursement form preparation and review by consulting

engineer. Invoice

#1158, PO #132297.

Amount: \$1,404.00

Project management of the transition

Component Description: WNJX Luciano

OutServ, Inv#

1164, PO# 132296

Amount: \$1,560.00

Component Description: WNJX Luciano

OutServ, Inv#

1162, PO# 132481

Amount: \$624.00

Component Description: WNJX Luciano

OutServ, Inv#

1150, PO# 132483

Amount: \$936.00

Component Description: WNJX Luciano

OutServ, Inv#

1170, PO# 132484

Amount: \$312.00

Component Description: WNJX Luciano

OutServ Inv# 1172,

PO# 132290

Amount: \$2,184.00

Component Description: WNJX Luciano

OutServ, Inv#

1174, PO# 132485

Amount: \$312.00

Component Description: WNJX Luciano

OutServ, Inv#

1154, PO# 132480

Amount: \$468.00

Component Description: Lucian OutServ,

Inv# 1160 PO#

132300

Amount: \$1,092.00

Component Description: WNJX Luciano

OutServ, Inv# 1158

PO# 132297

Amount: \$1,404.00

Component Description: WNJX project

management services. Invoice #1164, PO

#132296.

Amount: \$1,560.00

Component Description: WNJX Luciano

OutServ, Inv# 1166

PO# 132295

Amount: \$1,248.00

Component Description: WNJX Luciano

OutServ, Inv#

1176, PO# 132486

Amount: \$468.00

Component Description: WNJX Luciano

OutServ, Inv#

1152, PO# 132482

Amount: \$780.00

Component Description: WNJX project

management services. Invoice

#1172, PO

#132290.

Amount: \$2,184.00

Component Description: WNJX OutServ,

Inv# 1156, PO#

132479

Amount: \$39.00

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
Other Expenses	\$425,113.00	\$424,508.00		\$7,380.60	
Station Employees Time	\$216,963.00	\$216,963.00	Estimated based on internal calculations for station employees repack dedicated times. See attached Exhibit 1.	N/A	N/A
Services Taxes	\$2,460.00	\$2,460.00	In State Companies /individuals Services tax 4%	N/A	N/A
Adjacent channel filter sales tax	\$9,200.00	\$9,200.00	State and City Sales Tax 11.5%	N/A	N/A
Adjacent channel filter	\$80,000.00	\$80,000.00	Estimate based on manufacturer consultations. Final quote will be submitted as soon as received	N/A	N/A

MVPD Notification of Channel Change	\$7,000.00	\$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	\$20,000.00	\$20,000.00	Estimate based on previous experience during the analog to digital transition.	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
Equipment Delivery and Handling Charges	\$50,000.00	\$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	\$350.00	N/A

Disposal					
Costs (for equipment and other waste, net of any salvage value)	\$9,300.00	\$9,300.00	Estimate based on previous experience during the analog to digital transition, the site remote location and difficult accessibility.	\$2,800.00	N/A
Local Zoning	\$10,000.00	\$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	\$335.00	\$325.00	N/A	N/A	N/A
to cover					
to cover application FCC Filing Fees - Form 2100 minor change CP	\$1,110.00	\$1,070.00	N/A	N/A	N/A
2100 license to cover application FCC Filing Fees - Form 2100 minor change CP application DTV Medical Facility Notification	\$1,110.00 \$11,550.00	\$1,070.00 \$11,000.00	N/A	N/A \$3,980.60	N/A

Total for all	\$3,996,093.51	\$3,628,804.40	N/A	\$1,189,522.28	N/A
systems					

Actual Information		
Description	File Name	
Station Employees Time	Information not provided.	
Services Taxes	Information not provided.	
Adjacent channel filter sales tax	Information not provided.	
Adjacent channel filter	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:	Transportes Rolon Inv# 2018-40; For delivery to
	Amount:	Guaynabo \$350.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	WNJX Transportes Rolon Disposal, Inv# 2018-07, PO#
	Amount:	132218 \$2,800.00

Local Zoning		
	Component Description:	WNJX local zoning permit for construction. March 2018. Receipt #2018004708 - Revised.
	Amount:	\$250.00
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	Component Description:	WNJX DTVNotification, Inv# 001802, PO# 132459
	Amount:	\$3,980.60

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,996,093.51	\$3,628,804.40	\$1,189,522.28

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. Craig Fischer Vice President

10/15/2018

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. Craig Fischer Vice President

10/15/2018

Attachments