

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

47905 Service: DTV Call WMAQ-TV Channel: 29 (UHF) Facility Sign:

ID:

File 0000027997

Number:

FRN: 0019509470 Date 07/11

> Submitted: /2017

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NBC TELEMUNDO LICENSE LLC Doing Business As: NBC TELEMUNDO LICENSE LLC	Margaret L. Tobey 300 NEW JERSEY AVE, N.W. SUITE 700 WASHINGTON, DC 20001 United States	+1 (202) 524- 6401	MARGARET. TOBEY@NBCUNI. 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
The Preparer is same as the reimbursement contact.			

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	Install new transmitter for new channel, keep old transmitter in place for use until antenna is replaced. During antenna replacement operate from existing auxiliary site. After channel change return to new main. Replace auxiliary filter.

Transmitters

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

Auxiliary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Backup)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	Rohde & Schwarz

Model	NV8000
Year	2013
Туре	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	9.43 kW

Auxiliary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	10 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

Auxiliary 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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
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 Unformation not provided.

Other Transmitter Cost Not Listed

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
	Year	2001
	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	THU9-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50 kW
	Justification for New Transmitter	New Transmitter required as the current transmitter is not longer supported (see attached note) Solid State transmitter chosen as it is less expensive then a new solid state (see attached proposal)

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	See attached proposal
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	20 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	150.0 square feet
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
Willis Tower Building Improvements	Detailed proposal attached

Antennas

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

Auxiliary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Used to maintain coverage when main transmitter or antenna is unavilable
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel

Number of Stations Supported	2
Number of Panels	12
Design power capacity in use	50.0 %
Lower Limit	470.00 MHz
Upper Limit	860.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	350.0 kW
Manufacturer	Dielectric
Model	TUF-C4-12 /48U-2B
Year	2013

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

Facility ID	Call Sign
72115	WGN-TV
73226	WLS-TV

Auxiliary Antenna

Adjustment to Existing Antenna

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

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	Additional Module

Number of channels supported	1
Frequencies of channels supported	RF channel
Frequency	N/A

Enter a list of RF channel numbers.

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Auxiliary Antenna

Other Antenna Cost Not Listed

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?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	350.0 kW

Manufacturer	
Model	TFU- 12GBH-R 06
Year	2001

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?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Middle
	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)	377.0 kW
	Manufacturer	

Model	TFU- 12GTH/VP- R O6
Year	2019
Justification for New Antenna	The current antenna is a single channel antenna (ch 29) and will not work on the new channel (ch 33)

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?	No

Other Antenna Cost Not Listed

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

Primary Transmission

Existing Transmission Line

Line rection	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	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	500 feet

Primary

Other Transmission Line Expenses Not Listed

Transmission Lin	name	Description
	Adapters and Transitions	Connectors & Transitions to reuse Transmission line

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	Leased
	Is this tower consider Complex?	Located on Building
	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	Yes
	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	1032959
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 52' 44.1" N-
	Longitude (NAD83)	087° 38' 10.2" W-
	Overall Structure Height	1729.97 feet
	Support Structure Height	1435.35 feet

Ground Elevation Above Mean Sea Level (AMSL)	595.14 feet
Structure Type	BTWR - Building with Tower
Tower Owner	233 Broadcast, LLC
Date Constructed	01/01/2002

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
28621	WJMK	FM
74178	WKSC-FM	FM
53971	WEBG	FM
9617	WBBM-TV	DTV
73228	WLS-FM	FM
32334	WJYS	DTV
73226	WLS-TV	DTV
71283	WCFS-FM	FM
9613	WBBM-FM	FM
168662	WMEU-CD	DTV
10802	WTTW	DTV
66978	WEDE-CD	DTV
70119	WSNS-TV	DTV
22211	WFLD	DTV
71425	WWME-CD	DTV
71428	WCIU-TV	DTV

72115	WGN-TV	DTV
10801	WFMT	FM
48772	WPWR-TV	DTV
70042	WLIT-FM	FM
6377	WTMX	FM
51165	WGCI-FM	FM

Other Types of Users

Users	
W264BF	

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:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Located on Building
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description	
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Triple Stack Deconstruction	Deconstruction of existing triple stack. Details in attached Willis Tower Engineering statement
Double Stack Construction	Construction of new double stack on Willis Tower for WMAQ and WFLD.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1040
	Explanation	Project oversight of transmitter install, electrical connectivity, tower work, and antenna installation. Additional time will be spent tracking financial and legal process and coordinating with other broadcasters
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	No
	Prepare engineering section of Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare engineering section of Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A

	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	1
	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	Yes
	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	Yes
	Additional Field Engineering Service	Yes
	Number of Days	40

	Justification	internal to building RF engineering
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Outside
Professional Services Expenses Not Listed
Professional Services Costsided.

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	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
Auxiliary Facility Usage fees	Fee for utilization of auxiliary while main antenna is under construction

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
Primary Transmitter THU9-36	\$2,333,252.00	\$1,975,387.77		\$0.00	
Other Electrical Service: See attached proposal	\$0.00	\$0.00	Cost internal to construction project. See estimate attached and total below.	N/A	N/A
Willis Tower Building Improvements	\$860,252.00	\$860,252.00	see attached Willis Tower construction document which outlines build of space for transmitter including HVAC, plumbing for cooling system, electrical, and fire suppression	N/A	N/A
Other HVAC Service Type: C Size:20 (Other)	\$0.00	\$0.00	Cost internal to construction project, see estimate attached and total below.	N/A	N/A

Other Building Addition Size: 150.0	\$0.00	\$0.00	to construction project, see estimate attached and total below.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,115,135.77	1,115,135.77 is the price for a new solid state transmitter	N/A	N/A
Auxiliary Transmitter NV8000	\$113,510.00	\$57,900.00		\$0.00	
UHF and VHF - minor banding issues	\$105,200.00	\$50,000.00	N/A	N/A	N/A
10 kW mask filter	\$8,310.00	\$7,900.00	N/A	N/A	N/A
Sub-total	\$2,446,762.00	\$2,033,287.77	N/A	\$0.00	N/A
Total for all systems	\$6,184,083.00	\$5,098,034.77	N/A	\$0.00	N/A

Components

Cost Information

Antennas

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

Description Cost Estimate Cost Justification Cost Cost						
Antenna TFU- 12GTH/VP-R O6 Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) UHF - High Power Top Mount (200- 1000 kW), One station artenna , elliptically or circularly polarized Auxiliary Anding a module to existing combiner (without wantenna) UHF - High \$547,000.00 \$60,000.00 N/A N/A N/A N/A Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	Description			Cost		Actual Cost Justification
single channel, at antenna input, per 6 1/8. feedline (if needed) UHF - High S289,500.00 \$245,396.00 Vertical N/A N/A Power Top Mount (200-1000 kW), One station antenna has been subtracted circularly polarized Auxiliary Antenna TUF-C4-12/48U-2B Adding a module to existing combiner (without antenna) UHF - High S547,000.00 \$0.00 N/A N/A N/A N/A Power Top Mount (200-1000 kW), Two Station broadband panel antenna, horizontally polarized	Primary Antenna TFU- 12GTH/VP-R O6	\$301,800.00	\$245,396.00		\$0.00	
Power Top Mount (200- Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized Auxiliary Antenna TUF- C4-12/48U-2B Adding a \$84,200.00 \$60,000.00 N/A N/A N/A module to existing combiner (without antenna) UHF - High Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$0.00	antenna	N/A	N/A
Antenna TUF- C4-12/48U-2B Adding a \$84,200.00 \$60,000.00 N/A N/A N/A Module to existing combiner (without antenna) UHF - High \$547,000.00 \$0.00 N/A N/A N/A Power Top Mount (200-1000 kW), Two Station broadband panel antenna, horizontally polarized	station antenna	\$289,500.00	\$245,396.00	Component of cost is 17,550 and has been subtracted form total	N/A	N/A
module to existing combiner (without antenna) UHF - High \$547,000.00 \$0.00 N/A N/A N/A Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	Auxiliary Antenna TUF- C4-12/48U-2B	\$631,200.00	\$60,000.00		\$0.00	
Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	Adding a module to existing combiner (without antenna)	\$84,200.00	\$60,000.00	N/A	N/A	N/A
Sub-total \$933,000.00 \$305,396.00 N/A \$0.00 N/A	UHF - High Power Top Mount (200- 1000 kW), Two Station broadband panel antenna, horizontally polarized	\$547,000.00	\$0.00	N/A	N/A	N/A
	Sub-total	\$933,000.00	\$305,396.00	N/A	\$0.00	N/A

Total for all	\$6,184,083.00	\$5,098,034.77	N/A	\$0.00	N/A
systems					

Components

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 Cost Justification
Primary Transmission Line	\$5,556.00	\$5,556.00		\$0.00	
Adapters and Transitions	\$5,556.00	\$5,556.00	see attached antenna proposal	N/A	N/A
Sub-total	\$5,556.00	\$5,556.00	N/A	\$0.00	N/A
Total for all systems	\$6,184,083.00	\$5,098,034.77	N/A	\$0.00	N/A

Components

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 BTWR	\$2,215,850.00	\$2,186,250.00		\$0.00	
Tower Helicopter Lift	\$200,000.00	\$200,000.00	cost estimate pending formal plan	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	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
Triple Stack Deconstruction	\$584,750.00	\$584,750.00	See attached Willis Tower engineering statement. Costs reflect WMAQ's share of deconstruction costs.	N/A	N/A

Double Stack Construction	\$839,500.00	\$839,500.00	See attached Willis Tower engineering document. Costs reflect WMAQ's share of Double Stack Construction	N/A	N/A
Sub-total	\$2,215,850.00	\$2,186,250.00	N/A	\$0.00	N/A
Total for all systems	\$6,184,083.00	\$5,098,034.77	N/A	\$0.00	N/A

Components

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	\$334,555.00	\$319,750.00		\$0.00	
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), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Project management of the transition	\$164,320.00	\$156,000.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	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
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Additional Field Engineering Service, 40 Days	\$40,000.00	\$40,000.00	N/A	N/A	N/A
Sub-total	\$334,555.00	\$319,750.00	N/A	\$0.00	N/A
Total for all systems	\$6,184,083.00	\$5,098,034.77	N/A	\$0.00	N/A

Components

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
Other Expenses	\$248,360.00	\$247,795.00		\$0.00	
MVPD Notification of Channel Change	\$12,000.00	\$12,000.00	N/A	N/A	N/A
Auxiliary Facility Usage fees	\$75,000.00	\$75,000.00	25,000 per month	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	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 - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Non-zoning permits	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$59,280.00	\$59,280.00	See attached construction cost document (page 4) for demolition costs which are not included in the build.	N/A	N/A

Delivery and Handling Charges \$0.00 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th></t<>						
Storage \$30,000.00 \$30,000.00 Develop and air announcement of upcoming channel change \$248,360.00 \$247,795.00 Total for all \$6,184,083.00 \$5,098,034.77	\$20,000	?0,000.00	900.00 \$20,000.	Delivery of equipment to transmitted area in Willis Towe	t r	N/A
announcement of upcoming channel change Sub-total \$248,360.00 \$247,795.00 Total for all \$6,184,083.00 \$5,098,034.77	\$0.0	\$0.00	9.00 \$0.00	N/A	N/A	N/A
Total for all \$6,184,083.00 \$5,098,034.77	\$30,000	30,000.00	900.00 \$30,000.	O N/A	N/A	N/A
	247,79	48,360.00	,360.00 \$247,795	0 N/A	\$0.00	N/A
systems	5,098,0	184,083.00	4,083.00 \$5,098,034	77 N/A	\$0.00	N/A

Components

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$6,184,083.00	\$5,098,034.77	\$0.00

Reimbursem	entestiatus	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. Margaret
L. Tobey
Assistant
Secretary

07/11/2017

Attachments