

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 10802 Service: DTV Call WTTW Channel: 47 (UHF)

Sign:

ID:

File **0000028360**

Number:

FRN: **0002860179** Date **08/29**

Submitted: /2017

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WINDOW TO THE WORLD COMMUNICATIONS, INC. Doing Business As: WINDOW TO THE WORLD COMMUNICATIONS, INC.	Eshed Halpern 5400 NORTH ST. LOUIS AVE CHICAGO, IL 60625 United States	+1 (773) 509- 5412	ehalpern@wttw. com	Not-for- Profit

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
Mike Tompary Window to the World Communications, Inc.	5400 N. St. Louis Ave Chicago, IL 60625 United States	+1 (773) 509- 2460	mtompary@wttw. 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	Replace aux transmitter with new transmitter and place on air. Replace main transmitter and antenna and place on air at end of phase six. Reconfigure aux and antenna and place into standby.

Transmitters

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	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	For backup if main transmitter fails
	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 and Type	Manufacturer	
	Model	Sigma CD Diamond Drive
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	24 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTED-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10.8 kW
	Justification for New Transmitter	Due to channel reassignment need lower power transmitter and new exciters.

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

Other Transmitter Cost Not Listed

Name	Description
MYA601-067	Reducer 6-1/8 to 4-1/16 50 Ohm, EIA Type Flanged Includes 4-1/16" Anchor Insulator, O Ring, and Hardware (adapter for 25kW reject load & input to aux antenna)
9710023203	COUPLER, UHF 6-1/8", 4 PORT, 48DB, 48DB, 48DB FWD; 48DB RFLD (for after switchless combiner, before switchless combiner reject load & before water column load)
GA999TO - 1	4320448000 50kW HEAT EXCHANGER, BRAZED PLATE (to be used with customer building chilled water system, one per pump module system)
FLUL-20000-6AT	Reflective Standard ATSC Mask Filter, 18- 22kW Liquid Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 3-1/8in Un-Flanged Input & Output

9710023169	COUPLER, UHF 3-1/8, 4 PORT, 48DB, 48DB, 48DB (output of hybrid combiners)
480TO208-75KVA	75 Kva Transformer three phase 480v Delta primary, 208v Wye secondary, K-13 Rated
9929139090	KIT, INSTALL MATERIAL, MAXIVA INCLUDES MATERIAL TO INSTALL SINGLE PA CAB, UNISTRUT 10 FT LENGTH
9929138117	RF LINE KIT, 3-1/8" INTERCONNECTING THE PA CABINET AND RF SYSTEM. 3 EA 6180734000 XMSN LINE 3-1/8EIA 120" (CU) 5 EA 6200498000 FLANGE, CLAMP- ON 3-1/8EIA
7740156095	Mask filter cooling plumbing kit
7401278000	PARALLEL SURGE SUPPRESSOR, FOR 3PH WYE OR DELTA.
9950333006	ASSY, EXTERNAL (INDOOR) PUMP MODULE, HE II 50/60HZ, 208-240V/308- 415V
7740156110	KIT, HOSE PLUMBNG DUAL HT EXCHANGER Includes: Rubber Hose 50 Ft, Clamps, Hose Barbs, Ball Valves, Plumbing Tee, and Plumbing elbows (for transmitter cooling & test load cooling systems)
9435276550	KIT, ULXT SYSTEM THIS KIT INCLUDES 50FT CU STRAP, 100FT RG223 COAX CABLE, 100FT 2 COND CABLE (INTERLOCK), SMA & N CONNECTORS, WAGO TOOL
7740156080	KIT, PLUMBING ULXT HOSE Plumbing Kit, Hose For use with Maxiva ULXT transmitter

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma CD Diamond Drive
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	24 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	ULXTED-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10.8 kW
	Justification for New Transmitter	Due to channel reassignment need lower power transmitter and new exciters.

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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Electricans to remove old equipment and install new equipment. Relocate or remove and reinstall all electric work. To remove existing and hang new transmission line. To remove offsite all old equipment.
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

9929139090	KIT, INSTALL MATERIAL, MAXIVA INCLUDES MATERIAL TO INSTALL SINGLE PA CAB, UNISTRUT 10 FT LENGTH
7740156080	KIT, PLUMBING ULXT HOSE For use with Maxiva ULXT transmitter
7740156095	Mask filter cooling plumbing kit
GA999TO - 1	4320448000 50kW HEAT EXCHANGER, BRAZED PLATE (to be used with customer building chilled water system, one per pump module system)
9929138139	KIT, RF LINE, 4-1/16" 50 OHM INCLUDES 4-1/16" FLANGED XMISSION LINE (10 FT LENGTHS) INTERCONNECTING THE PA CABINET AND RF SYSTEM
9950333006	ASSY, EXTERNAL (INDOOR) PUMP MODULE, HE II 50/60HZ, 208-240V/308- 415V INCLUDES: (2) PUMPS (1) PUMP CONTROLLER (2) PUMP INVERTERS 2HP (2) HEAT EXCHANGER INVERTERS 2HP PUMP MODULE FRAME
7020014000	UHF 80KW WATER COLUMN STATION TEST LOAD 6-1/8" EIA
7740156110	KIT, HOSE PLUMBNG DUAL HT EXCHANGER Includes: Rubber Hose 50 Ft, Clamps, Hose Barbs, Ball Valves, Plumbing Tee, and Plumbing elbows (for transmitter cooling & test load cooling systems)
9710023203	COUPLER, UHF 6-1/8", 4 PORT, 48DB, 48DB, 48DB FWD; 48DB RFLD (for after switchless combiner, before switchless combiner reject load & before water column load)
0511010030	EXTENDED LIFE ANTIFREEZE /COOLANT_ CONCENTRATE_ETHYLENE GLYCOL, DIETHYLENE GLYCOL_CASE OF SIX (1-GALLON CONTAINERS) _AF2000-6PK

GA999TO - 2	WR1500 Magic Tee, WR1500 Magic Tee
	Switchless Combiner System 3-1/8" inputs /6-1/8" outputs
FLUL-20000-6AT	Reflective Standard ATSC Mask Filter, 18- 22kW Liquid Cooled, UHF, 6 Pole filter, Factory Tunable Band Width 6MHZ, 3-1/8in Un-Flanged Input & Output
9929138117	RF LINE KIT, 3-1/8" INTERCONNECTING THE PA CABINET AND RF SYSTEM. 3 EA 6180734000 XMSN LINE 3-1/8EIA 120" (CU) 5 EA 6200498000 FLANGE, CLAMP- ON 3-1/8EIA
9950333007	ASSY, COOLING SYSTEM FOR TEST LOAD ASSY, PUMP MODULE (TEST LOAD OR MASK FILTER) APPLICATION
9710023169	COUPLER, UHF 3-1/8, 4 PORT, 48DB, 48DB, 48DB (output of hybrid combiners)
7401278000	PARALLEL SURGE SUPPRESSOR, FOR 3PH WYE OR DELTA.
BRDDA15F15	Bird "Digital Air Series" forced-air cooled reject load. 15kW, 115V operation. Designed especially to accompany aircooled digital transmitters, exhibiting excellent VSWR characteristics across the entire UHF Band
480TO208-75KVA	75 Kva Transformer three phase 480v Delta primary, 208v Wye secondary, K-13 Rated
9710023207	CPLR 4-1/16 4-PORT (3) 48dB
MYA601-067	Reducer 6-1/8 to 4-1/16 50 Ohm, EIA Type Flanged Includes 4-1/16" Anchor Insulator, O Ring, and Hardware (adapter for 25kW reject load & input to aux antenna)
GA999TS	WTTW ULXTED-20 INSTALL-CMSN
DIE60000-600	DIELECTRIC COAX SWITCH 6-1/8 4- PORT 115VAC/8-30VDC
Great Lakes Plumbing	GL Plumbing to connect cooling system to building water

MYA601-138-3	MYAT 6-1/8" PATCH PANEL 3-POLE 1 ULINK
S and H	Shipping and Handling
9435276550	KIT, ULXT SYSTEM THIS KIT INCLUDES 50FT CU STRAP, 100FT RG223 COAX CABLE, 100FT 2 COND CABLE (INTERLOCK), SMA & N CONNECTORS, WAGO TOOL
9929138119	RF LINE KIT, 6-1/8" (interconnect from switchless combiner to patch panel, from switchless combiner to reject load & patch panel to water load)

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 as backup if main antenna fails
	Ownership	Owned
	Owner	N/A
	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?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Moun
	Antenna position in stack	Middle
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	7
	Number of Panels	8

Design power capacity in use	100.0 %
Lower Limit	470.00 MHz
Upper Limit	700.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	300.0 kW
Manufacturer	RFS
Model	PHP24C
Year	2004

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

Facility ID	Call Sign
10981	WCPX-TV
22211	WFLD
32334	WJYS
47905	WMAQ-TV
71428	WCIU-TV
72115	WGN-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?	No

Туре	
Number of channels supported	N/A
Frequencies of channels supported	N/A
Frequency	

Auxiliary Antenna

Other Antenna Cost Not Listed

Name	Description
NE Decommission Lift	Expected 2 lifts
Combiner Module Staging and Delivery	ISI to Willis
Outside Project Management	Project Manager
East Pole Material Disposal	Disposal of East Pole Material
Combiner Tuning and Commissioning	RFS - Loney
East Pole Decommission Prep Work	Prep work for East Pole Decommission
Transmission Line Removal	Transmission Line Removal
Combiner Module	New modules
Combiner Reconfiguration Labor	Combiner Reconfiguration Labor
Cylinder Entry Port Restoration	Cylinder Entry Port Restoration
Combiner Module Freight	From Australia
RF Safety Coordination E. Pole Decom.	RF Safety Coordination E. Pole Decom.
Transmission Line Installation	Combiner room work
Equipment Storage	ISI Storage
East Pole Decommission Engineering	Engineering for East Pole Decommision
Combiner Room Construction	Connstruction of Combiner Room

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	Side Mount
	Antenna position in stack	Middle
	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)	300.0 kW

Manufacturer	
Model	ATW13H4 - HSC1 - 47S
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?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	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	Side Mount
	Antenna position in stack	Middle
	Polarization	Elliptical
	Туре	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	488.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	193.0 kW
	Manufacturer	
	Model	PEPL24C

Year	2017
Justification for New Antenna	Channel reassignment from repack

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	Upper and lower frequency
	Frequency	488.0 MHz - 608.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Name	Description
Equipment Storage	ISI Storage
Combiner Spine	xxx
RF Safety Coordination	For antenna and line install
Permitting	City of Chicago
Outside Project Management	XXX
Combiner Module	New Module
Antenna Installation	Not helicopter lift.
Radome Modification	Design and Fabrication
Antenna Mounts	Custom Design/Fab
Structural Engineering	ERE
Combiner Commissioning	RFS - Loney
RFR Measurements	Post installation and construction
Antenna Freight	From Australia to ISI
Combiner Room Construction	Construction of Combiner Room
Antenna Delivery to Willis	Delivery from ISI
Transmission Line Mounts	Design and Fabrication
Antenna Commissioning	RFS - Loney
Transmission Line Installation	Mix of day and night work
Transmission Line	Myat Spectraline 6 1/8" x2
Combiner Delivery to Willis	Delivery from ISI
Tower Modifications	Structural
Combiner Freight	From Australia to ISI
Internal Transmission Line	To combiner. With parts.

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

Auxiliary Transmission Line

Existing Transmission Line

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Use if main line fails
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	100 feet per run

Auxiliary Transmission

New Transmission Line

n Line Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Use if main fails
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	100 feet per run
	Justification for New Transmission Line	Additional power to antenna. See exhibit attached page 6

Auxiliary

Other Transmission Line Expenses Not Listed

Transmission	Name	Description
	Electrican Hanging	Electrician to hang and remove old transmission lines.

Primary Transmission Se

Existing Transmission Line

on Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	100 feet per run

Primary Transmission

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	100 feet per run
	Justification for New Transmission Line	Additional power to antenna. See exhibit attached page 6

Primary

Other Transmission Line Expenses Not Listed

Transmission	ndaine	Description
	Electrican Hanging	Electrician to hang and remove old 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

Auxiliary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Use if main tower fails
	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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
Registration	ASR Number	1032960
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 52' 44.0" N-
	Longitude (NAD83)	087° 38' 08.0" W-
	Overall Structure Height	1722.09 fee
	Support Structure Height	1435.35 fee

Ground Elevation Above Mean Sea Level (AMSL)	595.14 feet
Structure Type	BMAST - Building with Mast
Tower Owner	233 Broadcast, LLC
Date Constructed	09/30/2012

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
22211	WFLD	DTV
10802	WTTW	DTV
48772	WPWR-TV	DTV
10981	WCPX-TV	DTV
71428	WCIU-TV	DTV
74178	WKSC-FM	FM
47906	KNBC	DTV
73228	WLS-FM	FM
71283	WCFS-FM	FM
72115	WGN-TV	DTV
28621	WJMK	FM
70119	WSNS-TV	DTV
51165	WGCI-FM	FM
73226	WLS-TV	DTV
70042	WLIT-FM	FM
6377	WTMX	FM

32334	WJYS	DTV
53971	WEBG	FM
9617	WBBM-TV	DTV
71425	WWME-CD	DTV
168662	WMEU-CD	DTV
66978	WEDE-CD	DTV
10801	WFMT	FM
9613	WBBM-FM	FM

Auxiliary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

Auxiliary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Located on Building
Helicopter Services Required	Are helicopter services required?	No

Auxiliary Tower

Other Tower Expenses Not Listed

Information not provided.

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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1032959
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	41° 52' 44.1" N-
1983))	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
51165	WGCI-FM	FM
32334	WJYS	DTV
53971	WEBG	FM
28621	WJMK	FM
10802	WTTW	DTV
70119	WSNS-TV	DTV
10801	WFMT	FM
10981	WCPX-TV	DTV
9617	WBBM-TV	DTV
168662	WMEU-CD	DTV
70042	WLIT-FM	FM
66978	WEDE-CD	DTV
9613	WBBM-FM	FM
22211	WFLD	DTV
73228	WLS-FM	FM
74178	WKSC-FM	FM
71283	WCFS-FM	FM
71425	WWME-CD	DTV
6377	WTMX	FM

73226	WLS-TV	DTV
48772	WPWR-TV	DTV
72115	WGN-TV	DTV
71428	WCIU-TV	DTV
47906	KNBC	DTV

Primary Tower

Tower Modification Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
WTTW Antenna Removal RF Safety Coordination	Antenna Removal RF Safety Coordination
WTTW T L Removal RF Safety Coordination	RF safety coordination during line removal to shaft
SW Pole Decommission Prep. Work RF Safety Coord.	RF safety coordination for SW pole decom. prep work

SW Pole Decommission Preparation Work	Estimated 10 nights of work for prepara
SW Pole Decommission Engineering	Pole Decommission Engineering
WTTW Transmission Line Removal to Smoke Shaft	Estimated 5 nights of work to complete.
WTTW Antenna Removal	Helicopter not required. Estimated 4 nigh
SW Pole Material Removal and Disposal	Removal and disposal of remaining SW pole material
WTTW T L Removal to 100 in smoke shaft	Removal of line in shaft from 109 to 100.
WTTW Antenna Removal Engineering	Antenna Removal Engineering
Willis Tower Project Management	Willis Tower Project Management

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	500
	Explanation	Outside services, such as legal, engineering, consultant.
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	No
Services	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	Yes

	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
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
Other Professional Services Expenses Not Listed
Professional Services ©qstsided.

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?	No
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
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?	No
	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?	No

Other Expenses Not Listed

Expenses Information not provided.

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 ULXTED-20	\$905,805.49	\$571,205.49		\$0.00	
9929138119	\$13,254.38	\$13,254.38	N/A	N/A	N/A
9435276550	\$556.00	\$556.00	N/A	N/A	N/A
S and H	\$11,800.00	\$11,800.00	N/A	N/A	N/A
MYA601-138-3	\$3,888.00	\$3,888.00	N/A	N/A	N/A
Great Lakes Plumbing	\$25,000.00	\$25,000.00	N/A	N/A	N/A
DIE60000-600	\$19,132.91	\$19,132.91	N/A	N/A	N/A
GA999TS	\$46,964.20	\$46,964.20	N/A	N/A	N/A
MYA601-067	\$888.53	\$888.53	N/A	N/A	N/A
9710023207	\$1,504.10	\$1,504.10	N/A	N/A	N/A
480TO208- 75KVA	\$2,715.55	\$2,715.55	N/A	N/A	N/A
BRDDA15F15	\$13,769.45	\$13,769.45	N/A	N/A	N/A
7401278000	\$1,510.82	\$1,510.82	N/A	N/A	N/A
9710023169	\$571.89	\$571.89	N/A	N/A	N/A
9950333007	\$9,966.40	\$9,966.40	N/A	N/A	N/A
9929138117	\$5,943.20	\$5,943.20	N/A	N/A	N/A
FLUL-20000- 6AT	\$13,500.00	\$13,500.00	N/A	N/A	N/A
GA999TO - 2	\$34,123.20	\$34,123.20	N/A	N/A	N/A
0511010030	\$930.88	\$930.88	N/A	N/A	N/A
9710023203	\$1,668.11	\$1,668.11	N/A	N/A	N/A

7740156110	\$2,105.60	\$2,105.60	N/A	N/A	N/A
7020014000	\$5,060.90	\$5,060.90	N/A	N/A	N/A
9950333006	\$7,040.00	\$7,040.00	N/A	N/A	N/A
GA999TO - 1	\$1,600.00	\$1,600.00	N/A	N/A	N/A
7740156095	\$207.51	\$207.51	N/A	N/A	N/A
7740156080	\$2,401.60	\$2,401.60	N/A	N/A	N/A
Other Electrical Service: Electricans to remove old equipment and install new equipment. Relocate or remove and reinstall all electric work. To remove existing and hang new transmission line. To remove offsite all old equipment.	\$174,400.00	\$174,400.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$159,900.00	N/A	N/A	N/A
9929139090	\$556.00	\$556.00	N/A	N/A	N/A
9929138139	\$10,246.26	\$10,246.26	N/A	N/A	N/A
Auxiliary Transmitter ULXTED-20	\$535,764.81	\$201,164.81		\$0.00	
7740156080	\$2,401.60	\$2,401.60	N/A	N/A	N/A
9435276550	\$556.00	\$556.00	N/A	N/A	N/A
7740156110	\$2,105.60	\$2,105.60	N/A	N/A	N/A

7401278000	\$1,510.82	\$1,510.82	N/A	N/A	N/A
7740156095	\$207.51	\$207.51	N/A	N/A	N/A
9929138117	\$5,943.20	\$5,943.20	N/A	N/A	N/A
9929139090	\$556.00	\$556.00	N/A	N/A	N/A
480TO208- 75KVA	\$2,715.55	\$2,715.55	N/A	N/A	N/A
9710023169	\$571.89	\$571.89	N/A	N/A	N/A
FLUL-20000- 6AT	\$13,500.00	\$13,500.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$159,900.00	N/A	N/A	N/A
MYA601-067	\$888.53	\$888.53	N/A	N/A	N/A
GA999TO - 1	\$1,600.00	\$1,600.00	N/A	N/A	N/A
9710023203	\$1,668.11	\$1,668.11	N/A	N/A	N/A
Sub-total	\$1,441,570.30	\$772,370.30	N/A	\$0.00	N/A
Total for all systems	\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

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
Primary Antenna PEPL24C	\$1,499,705.00	\$1,466,765.00		\$0.00	
Internal Transmission Line	\$75,000.00	\$75,000.00	N/A	N/A	N/A
Combiner Freight	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Tower Modifications	\$200,000.00	\$200,000.00	N/A	N/A	N/A
Combiner Delivery to Willis	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Transmission Line	\$105,000.00	\$105,000.00	N/A	N/A	N/A
Transmission Line Installation	\$75,000.00	\$75,000.00	N/A	N/A	N/A
Antenna Commissioning	\$10,782.50	\$10,782.50	N/A	N/A	N/A
Transmission Line Mounts	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Antenna Delivery to Willis	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Combiner Room Construction	\$45,000.00	\$45,000.00	N/A	N/A	N/A
Antenna Freight	\$12,500.00	\$12,500.00	N/A	N/A	N/A
RFR Measurements	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Combiner Commissioning	\$7,720.00	\$7,720.00	N/A	N/A	N/A

Structural Engineering	\$150,000.00	\$150,000.00	N/A	N/A	N/A
Antenna Mounts	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Radome Modification	\$50,000.00	\$50,000.00	N/A	N/A	N/A
Antenna Installation	\$200,000.00	\$200,000.00	N/A	N/A	N/A
Combiner Module	\$60,000.00	\$60,000.00	N/A	N/A	N/A
Outside Project Management	\$92,500.00	\$92,500.00	N/A	N/A	N/A
Permitting	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Equipment Storage	\$1,000.00	\$1,000.00	N/A	N/A	N/A
UHF - High Power, Side Mount, broadband panel, 24 bay,, 193 kW input, directional,, elliptically or circularly polarized	\$120,862.50	\$120,862.50	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$60,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$15,000.00	N/A	N/A	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
RF Safety Coordination	\$75,000.00	\$75,000.00	N/A	N/A	N/A
Combiner Spine	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Auxiliary Antenna PHP24C	\$476,156.66	\$475,566.66		\$0.00	
Combiner Room Construction	\$12,857.14	\$12,857.14	N/A	N/A	N/A
RF Safety Coordination E. Pole Decom.	\$16,666.67	\$16,666.67	N/A	N/A	N/A
Combiner Module Freight	\$3,000.00	\$3,000.00	N/A	N/A	N/A
Cylinder Entry Port Restoration	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Combiner Reconfiguration Labor	\$7,142.86	\$7,142.86	N/A	N/A	N/A
Combiner Module	\$50,000.00	\$50,000.00	N/A	N/A	N/A
Transmission Line Removal	\$41,666.67	\$41,666.67	N/A	N/A	N/A
Combiner Tuning and Commissioning	\$4,166.67	\$4,166.67	N/A	N/A	N/A
East Pole Material Disposal	\$13,333.33	\$13,333.33	N/A	N/A	N/A
Outside Project Management	\$15,833.33	\$15,833.33	N/A	N/A	N/A
NE Decommission Lift	\$200,000.00	\$200,000.00	N/A	N/A	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 300 horizontally polarized	\$0.00	\$0.00	N/A	N/A	N/A
Transmission Line Installation	\$20,833.33	\$20,833.33	N/A	N/A	N/A
East Pole Decommission Engineering	\$16,666.67	\$16,666.67	N/A	N/A	N/A
Equipment Storage	\$333.33	\$333.33	N/A	N/A	N/A
Combiner Module Staging and Delivery	\$3,333.33	\$3,333.33	N/A	N/A	N/A
East Pole Decommission Prep Work	\$33,333.33	\$33,333.33	N/A	N/A	N/A
Sub-total	\$1,975,861.66	\$1,942,331.66	N/A	\$0.00	N/A
Total for all	\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

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	\$30,200.00	\$29,000.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$20,200.00	\$19,000.00	N/A	N/A	N/A
Electrican Hanging	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Auxiliary Transmission Line	\$30,200.00	\$29,000.00		\$0.00	
Electrican Hanging	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$20,200.00	\$19,000.00	N/A	N/A	N/A
Sub-total	\$60,400.00	\$58,000.00	N/A	\$0.00	N/A
Total for all systems	\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

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	\$1,349,500.00	\$507,500.00		\$0.00	
WTTW T L Removal RF Safety Coordination	\$12,500.00	\$12,500.00	N/A	N/A	N/A
SW Pole Decommission Preparation Work	\$50,000.00	\$50,000.00	N/A	N/A	N/A
SW Pole Material Removal and Disposal	\$25,000.00	\$25,000.00	N/A	N/A	N/A
WTTW Antenna Removal RF Safety Coordination	\$10,000.00	\$10,000.00	N/A	N/A	N/A
WTTW Antenna Removal	\$40,000.00	\$40,000.00	N/A	N/A	N/A
Tower Helicopter Lift	\$177,500.00	\$177,500.00	N/A	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$0.00	N/A	N/A	N/A
SW Pole Decommission Prep. Work RF Safety Coord.	\$12,500.00	\$12,500.00	N/A	N/A	N/A
WTTW T L Removal to 100 in smoke shaft	\$40,000.00	\$40,000.00	N/A	N/A	N/A

WTTW Antenna Removal Engineering \$30,000.00 \$30,000.00 N/A N/A N/A Willis Tower Project Management \$27,500.00 \$27,500.00 N/A N/A N/A SW Pole Decommission Engineering \$32,500.00 \$32,500.00 N/A N/A N/A WTTW Transmission Line Removal to Smoke Shaft \$50,000.00 \$50,000.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and /or stacked antennas) \$421,000.00 \$0.00 \$0.00 Auxillary Tower BMAST \$421,000.00 \$0.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and /or stacked antennas) \$421,000.00 \$0.00 N/A N/A N/A Major tower reinforcement /modifications \$421,000.00 \$0.00 N/A N/A N/A Sub-total \$2,191,500.00 \$507,500.00 N/A \$0.00 N/A Total for all systems \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A						
Project Management \$32,500.00 \$32,500.00 N/A N/A N/A SW Pole Decommission Engineering \$32,500.00 \$32,500.00 N/A N/A N/A WTTW Transmission Line Removal to Smoke Shaft \$50,000.00 \$50,000.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and/or stacked antennas) \$421,000.00 \$0.00 \$0.00 \$0.00 Auxiliary Tower BMAST \$421,000.00 \$0.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and/or stacked antennas) \$421,000.00 \$0.00 N/A N/A N/A Major tower reinforcement /modifications \$421,000.00 \$507,500.00 N/A \$0.00 N/A Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A	Removal	\$30,000.00	\$30,000.00	N/A	N/A	N/A
Decommission Engineering	Project	\$27,500.00	\$27,500.00	N/A	N/A	N/A
Transmission Line Removal to Smoke Shaft \$421,000.00 \$0.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and /or stacked antennas) \$842,000.00 \$0.00 \$0.00 Auxiliary Tower BMAST \$421,000.00 \$0.00 N/A N/A N/A Complex Tower (includes, for example, those with candelabras and /or stacked antennas) \$421,000.00 \$0.00 N/A N/A N/A Major tower reinforcement /modifications \$2,191,500.00 \$507,500.00 N/A \$0.00 N/A Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A	Decommission	\$32,500.00	\$32,500.00	N/A	N/A	N/A
(includes, for example, those with candelabras and /or stacked antennas) Auxiliary Tower BMAST Complex Tower (includes, for example, those with candelabras and /or stacked antennas) Major tower s421,000.00 \$0.00 N/A N/A N/A N/A N/A reinforcement /modifications Sub-total \$2,191,500.00 \$507,500.00 N/A \$0.00 N/A Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A	Transmission Line Removal to	\$50,000.00	\$50,000.00	N/A	N/A	N/A
### Complex Tower \$421,000.00	(includes, for example, those with candelabras and /or stacked	\$421,000.00	\$0.00	N/A	N/A	N/A
(includes, for example, those with candelabras and /or stacked antennas) Major tower s421,000.00 \$0.00 N/A N/A N/A reinforcement /modifications Sub-total \$2,191,500.00 \$507,500.00 N/A \$0.00 N/A Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A		\$842,000.00	\$0.00		\$0.00	
reinforcement /modifications Sub-total \$2,191,500.00 \$507,500.00 N/A \$0.00 N/A Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A	(includes, for example, those with candelabras and /or stacked	\$421,000.00	\$0.00	N/A	N/A	N/A
Total for all \$5,782,591.96 \$3,383,021.96 N/A \$0.00 N/A	reinforcement	\$421,000.00	\$0.00	N/A	N/A	N/A
	Sub-total	\$2,191,500.00	\$507,500.00	N/A	\$0.00	N/A
		\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

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	\$107,150.00	\$96,750.00		\$0.00	
Project management of the transition	\$79,000.00	\$70,000.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$107,150.00	\$96,750.00	N/A	\$0.00	N/A
Total for all systems	\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

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	\$6,110.00	\$6,070.00		\$0.00	
Disposal Costs (for equipment and other waste, net of any salvage value)	\$0.00	\$0.00	N/A	N/A	N/A
Equipment Storage	\$0.00	\$0.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	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
Sub-total	\$6,110.00	\$6,070.00	N/A	\$0.00	N/A
Total for all systems	\$5,782,591.96	\$3,383,021.96	N/A	\$0.00	N/A

Components

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,782,591.96	\$3,383,021.96	\$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. Michael Tompary Director of Engineering

08/29/2017

Attachments