



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **22206** | Service: **DTV** | Call **WNYW** | Channel: **27 (UHF)** |
ID: | Sign:
File **0000027591**
Number:
FRN: **0005795067** | Date **07/10**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FOX TELEVISION STATIONS, LLC	Joseph M. Di Scipio 400 N. Capitol Street, NW Suite 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	JDISCPIO@21CF.COM	Limited Liability Company

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Dennis Wallace <i>Managing Partner</i> <i>Meintel, Sgrignoli & Wallace, LLC</i>	Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (202) 251-7589	Dennis.Wallace@mswdtv.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	WNYW currently plans to modify its facilities at Empire State Building. New Antennas, Transmission Line, and Transmitters will be required. Extensive Structural Modifications of Empire State Building Mast are required.

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	Licensed Aux Site West Orange NJ
	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	DTT10KSU
	Year	2005
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	10 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	THU9EVO-8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10 kW
	Justification for New Transmitter	Existing transmitter is obsolete and no longer supported. Manufacturer is out of business. Replacement required.

**Auxiliary
Transmitter****Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet

	Other Electrical Service	Yes
	Description	Aux Transmitter Electrical Installation
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	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 leasehold 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
Removal of Existing Equipment	Removal of Existing Equipment
Remote Control Wiring	Wire up existing remote control to new transmitter.

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DCX-3H
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	75 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?	No
	Manufacturer	
	Model	Paragon
	Transmitter Type	Inductive Output Tube
	IOT Power Type	Three
	Power capacity	75 kW
	Justification for New Transmitter	Existing transmitter is obsolete and can not be channel changed per manufacturer. Transmitter replacement required.

**Primary
Transmitter**

Other Transmitter Costs

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

	Length	300.0 feet
	Other Electrical Service	Yes
	Description	New transmitter electrical installation - Empire State Building Local 3
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1000.0 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
ESB Building Fees	Empire State Building Fees for new main transmitter.
Remote Control Wiring	Wire up existing remote control to new transmitter
Removal of Existing Equipment	Removal of Existing Main Transmitter at Empire State Building

Transmitter Installation Planning Design

Hanson transmitter installation planning and develop installation drawings

**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THU9EVO-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	75 kW
	Justification for New Transmitter	Interim transmitter required for ESB while main transmitter is removed and replaced.

**Interim
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	300.0 feet

	Other Electrical Service	Yes
	Description	Interim Transmitter Electrical Installation Empire State Building - Local 3
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1000.0 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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
Empire State Building Fees Interim Transmitter	ESB Fees for Interim transmitter operation - space
Cooling System Modification	Tie in to existing building chilled water system.

Removal of existing equipment	Removal of existing equipment in interim transmitter room space
-------------------------------	---

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	Aux Site West Orange NJ
	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 Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Other
	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	Special Broadband Pylon
ERP: (Effective Radiated Power)	363.0 kW
Manufacturer	Dielectric
Model	TUD-C5SP-10/34U-2-B
Year	2011

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

Facility ID	Call Sign
73333	WNJU
74197	WWOR-TV
9610	WCBS-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
	Type	New
	Number of channels supported	5
	Frequencies of channels supported	RF channel

	Frequency	N/A
--	-----------	-----

Enter a list of RF channel numbers.

RF Channel Number
25
26
27
35
36

Auxiliary
Antenna

Other Antenna Cost Not Listed

Name	Description
American Tower Fees	American Tower Fees for West Orange Aux Site

Auxiliary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	ESB Aux Antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	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	Custom Special Composite

ERP: (Effective Radiated Power)	228.0 kW
Manufacturer	
Model	ATW2G150- HSS-44
Year	2011

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	ESB Aux Antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	228.0 kW
	Manufacturer	

Model	ATW2G150-HSS-27
Year	2018
Justification for New Antenna	New Aux Antenna for ESB operations required as existing antenna will not work on new channel. This is a custom composite antenna on mooring mast. Special design and feed system.

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
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?	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

Auxiliary Antenna

Other Antenna Cost Not Listed

Name	Description
Empire State Building Fees Aux Antenna	Empire State Building Fees - Aux Antenna Modifications

**Primary
Antenna**

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 Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Circular
	Type	Other
	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	Composite Custom Special
	ERP: (Effective Radiated Power)	990.0 kW

Manufacturer	
Model	ATW25HS3-SPECIAL-44H
Year	2008

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	705.0 kW
	Manufacturer	
	Model	ATW22H3ESS1- 27H SPECIAL
	Year	2018

	Justification for New Antenna	Replacement Slot Antenna for WNYW at Empire State building. Three antenna stack on top of mooring mast structure. Custom Designed Antenna with special pattern.
--	-------------------------------	---

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
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
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?	Yes

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Empire State Building Main Antenna Fees	Fees to Empire State Building for New Main Antenna

Transmission Line

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

Auxiliary Transmission Line**Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux West Orange NJ
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	400 feet per run

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

Facility ID	Call Sign
9610	WCBS-TV
73333	WNJU
74197	WWOR-TV

Auxiliary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
American Tower Fees	American Tower Fees for Aux Site Changes
Optimize for New Channels	RF Sweep and Optimization for new channels

Auxiliary **Existing Transmission Line**
Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Empire State Building
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	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	300 feet per run

Auxiliary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Empire State Building
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	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	400 feet per run
	Justification for New Transmission Line	Transmission line to feed new aux antenna.

Auxiliary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission Layout and Installation Drawings	Layout transmission line runs and prepare installation drawings.
Empire State Building Fees	Empire State Building Fees for installation of new transmission line

Primary
Transmission Line

Existing Transmission 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 Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	500 feet per run

Primary
Transmission Line

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
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	500 feet per run
	Justification for New Transmission Line	New transmission line for new main antenna . Three antenna stack on top of Empire State Building. Custom transmission line runs.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Empire State Building Fee	Empire State Building Fees for new transmission line run to main antenna

Transmission Line Layout Installation Drawings	Layout transmission line runs and develop installation drawings.
---	--

**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	Licensed Aux West Orange NJ
	Ownership	Leased
	Is this tower consider Complex?	No
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1060205
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 48' 07.6" N-
	Longitude (NAD83)	074° 14' 45.5" W-
	Overall Structure Height	339.89 feet
	Support Structure Height	299.87 feet

	Ground Elevation Above Mean Sea Level (AMSL)	622.04 feet
	Structure Type	LTOWER - Lattice Tower
	Tower Owner	American Tower, LLC
	Date Constructed	01/01/1974

**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
74197	WWOR-TV	DTV
9610	WCBS-TV	DTV
60555	WFUT-DT	DTV
73333	WNJU	DTV
73881	WPIX	DTV
47535	WNBC	DTV

Other Types of Users

Users
Multi User Site

**Auxiliary
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
-----------------------------	--	-----------------------------

Auxiliary Tower

Tower Rigging Costs

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

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description
American Tower Fees	American Tower Fees for modifications of West Orange Site

Auxiliary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Empire State Building
	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 Registration	Do you have a tower registration number?	Yes
	ASR Number	1007048
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 44' 54.0" N-
	Longitude (NAD83)	073° 59' 09.0" W-
	Overall Structure Height	1453.39 feet
	Support Structure Height	1249.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	50.85 feet
	Structure Type	B - Building

	Tower Owner	EMPIRE STATE BUILDING COMPANY
	Date Constructed	01/01/1931

**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
60555	WFUT-DT	DTV
74197	WWOR-TV	DTV

Other Types of Users

Users
Multi User Site
Too Many 2 list

**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

Name	Description
Empire State Building Fees for Aux Antenna Structural	ESB Fees for Aux Antenna Structural

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?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1007048
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 44' 54.0" N-
	Longitude (NAD83)	073° 59' 09.0" W-
	Overall Structure Height	1453.39 feet
	Support Structure Height	1249.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	50.85 feet
	Structure Type	B - Building
	Tower Owner	EMPIRE STATE BUILDING COMPANY

Date Constructed

01/01/1931

**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
73887	WPLJ	FM
18795	WNET	DTV
23004	WAXQ	FM
73333	WNJU	DTV
19615	WQHT	FM
73356	WPXN-TV	DTV
56571	WLTW	FM
9611	WCBS-FM	FM
51249	WBAI	FM
67846	WFAN-FM	FM
60555	WFUT-DT	DTV
74215	WXTV-DT	DTV
25442	WNEW-FM	FM
63781	WEPN-FM	FM
6373	WWPR-FM	FM
1328	WABC-TV	DTV
73355	WNYC-FM	FM
9610	WCBS-TV	DTV
73881	WPIX	DTV
59953	WHTZ	FM
47535	WNBC	DTV

46978	WQXR-FM	FM
74197	WWOR-TV	DTV
29022	WXNY-FM	FM
28203	WBLS	FM
6595	WKTU	FM

Other Types of Users

Users

Multi-user Site

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious 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?	No

Primary Tower

Other Tower Expenses Not Listed

Name	Description
------	-------------

Empire State Building Structural Modifications 1	Empire State Building Estimated Structural Modifications - WNYW Share PART 3
Empire State Building Structural Modifications 2	Empire State Building Estimated Structural Modifications - WNYW Share PART 1
Empire State Building Structural Modifications 3	Empire State Building Estimated Structural Modifications - WNYW Share PART 2

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	2500
	Explanation	Outside Project Management of Main Empire State Building Project, ESB Aux Project, Interim Facilities. Project Management of West Orange Aux Site Modifications.
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	3
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A

	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	3
	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	30

	Justification	Empire State Building Supervision of Local 3 Labor
--	---------------	--

**Outside
Professional**

Other Professional Services Expenses Not Listed

Services Costs	
Name	Description
Reimbursement Reviews with FCC Contractor	Extensive Reimbursement Form Reviews and Revisions with FCC Contractor
Prepare and File FCC Progress Reports	Prepare and File FCC Progress Reports

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	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
New York Sales Tax	Estimate for New York Sales Tax

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 THU9EVO-60	\$3,640,200.00	\$3,800,000.00		\$0.00	
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$65,000.00	Empire State Building Local 3	N/A	N/A
Other -- Building Addition Size: 1000.0	<i>\$325,000.00</i>	\$325,000.00	ESB Transmitter Room Modifications	N/A	N/A
UHF inside RF system including switching	\$147,500.00	\$140,000.00	Catalog	N/A	N/A
Empire State Building Fees Interim Transmitter	<i>\$300,000.00</i>	\$300,000.00	Empire State Building	N/A	N/A
Cooling System Modification	<i>\$150,000.00</i>	\$150,000.00	Empire State Building Pipefitters Local	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$165,000.00	Empire State Building Electrical Local 3	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,900,000.00	Catalog	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$15,600.00	\$65,000.00	Empire State Building Electrical - Local 3	N/A	N/A
25 Ton system	\$91,500.00	\$165,000.00	Mechanicals - Pipefitters Local, HVAC, Fire Protection	N/A	N/A
Removal of existing equipment	\$300,000.00	\$300,000.00	Remove existing equipment from space. Beam Supplies, Oil, Glycol, Elevator requirements, Loading Dock Requirement. Rigging.	N/A	N/A
Other Electrical Service: Interim Transmitter Electrical Installation Empire State Building - Local 3	\$225,000.00	\$225,000.00	Empire State Building Local 3	N/A	N/A
Primary Transmitter Paragon	\$3,108,900.00	\$4,059,847.00		\$0.00	
Three IOT system (75 kW)	\$1,415,000.00	\$2,094,847.00	Comark Quote New IOT Transmitter	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$125,000.00	Empire State Building Electrical - Local 3	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$15,600.00	\$95,000.00	Empire State Building Electrical - Local 3	N/A	N/A
Other Electrical Service: New transmitter electrical installation - Empire State Building Local 3	\$295,000.00	\$295,000.00	Empire State Building Electrical - Local 3	N/A	N/A
25 Ton system	\$91,500.00	\$195,000.00	Empire State Building - Mechanicals new transmitter. HVAC, Building Chilled Water, Fire Protection.	N/A	N/A
Other -- Building Addition Size: 1000.0	\$325,000.00	\$325,000.00	Modification of Empire State Building Transmitter Room.	N/A	N/A
ESB Building Fees	\$450,000.00	\$450,000.00	Empire State Building Fees for Space Modification	N/A	N/A
Transmitter Installation Planning Design	\$175,000.00	\$175,000.00	Hanson Engineering Layout and installation drawings	N/A	N/A
Remote Control Wiring	\$5,000.00	\$5,000.00	Wire up existing remote control to new transmitter.	N/A	N/A

Removal of Existing Equipment	\$300,000.00	\$300,000.00	Removal of existing equipment, elevator logistics, rigging, riggers, loading dock labor. Glycol, Beam Supplies, Oil Removal, Night work / Overtime.	N/A	N/A
Auxiliary Transmitter THU9EVO-8	\$663,750.00	\$637,800.00		\$0.00	
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	West Orange - Electrical - NJ Local	N/A	N/A
Other Electrical Service: Aux Transmitter Electrical Installation	\$90,000.00	\$90,000.00	West Orange Transmitter Installation Electrical - NJ Local	N/A	N/A
Removal of Existing Equipment	\$45,000.00	\$45,000.00	Removal of existing equipment to make room for new Aux Transmitter - West Orange NJ	N/A	N/A
Remote Control Wiring	\$3,500.00	\$3,500.00	Wire up existing remote control to new transmitter.	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	Catalog	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	Catalog	N/A	N/A
Sub-total	\$7,412,850.00	\$8,497,647.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW22H3ESS1-27H SPECIAL	\$763,790.00	\$1,925,000.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$45,000.00	Custom RF Sweep and Antenna optimization of main antenna on top of stack. Local 3 climbers and labor required.	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$1,300,000.00	Custom 3 Antenna Stock special design for Empire State Building Dielectric Estimate from ESB	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1 /8. feedline (if needed)	\$12,300.00	\$95,000.00	Custom Empire State Building Elbow Complex 3 antenna stack.	N/A	N/A

Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	\$5,260.00	\$35,000.00	Custom Analysis - three antenna stack at Empire State Building. Mooring Mast and stack analysis of patterns.	N/A	N/A
Empire State Building Main Antenna Fees	\$450,000.00	\$450,000.00	Empire State Building Fees Main Antenna.	N/A	N/A
Auxiliary Antenna TUD-C5SP-10/34U-2-B	\$430,630.00	\$433,000.00		\$0.00	
UHF - High Power Top Mount One Station antenna horizontally polarized	\$50,000.00	\$50,000.00	Re-Optimization of system for new channels - Fine Matcher	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$20,000.00	RF Sweep and Optimization. Local 3 labor.	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	Catalog	N/A	N/A
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$120,000.00	Catalog	N/A	N/A

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	Catalog - Optimization for new channels	N/A	N/A
American Tower Fees	\$150,000.00	\$150,000.00	American Tower Fees for modification of aux site west orange nj	N/A	N/A
Auxiliary Antenna ATW2G150-HSS-27	\$644,440.00	\$870,000.00		\$0.00	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$350,000.00	Custom Aux Antenna for Empire State Building - Composite System.	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$25,000.00	Custom Elbow Complex Empire State Building	N/A	N/A
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	\$5,260.00	\$25,000.00	Custom Pattern Analysis Empire State Building Mast.	N/A	N/A
Empire State Building Fees Aux Antenna	\$350,000.00	\$350,000.00	Empire State Building Fees Aux Antenna.	N/A	N/A

Sweep test of existing antenna	\$6,730.00	\$25,000.00	Custom Antenna System RF Sweep and Optimization. Local 3 Labor	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$95,000.00	Empire State Building Antenna Brackets - Custom / Special.	N/A	N/A
Sub-total	\$1,838,860.00	\$3,228,000.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$617,000.00	\$690,000.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$202,000.00	\$275,000.00	Custom Line Lengths fabricated off site.	N/A	N/A
Empire State Building Fee	<i>\$250,000.00</i>	\$250,000.00	Empire State Building Fees for transmission line run.	N/A	N/A
Transmission Line Layout Installation Drawings	<i>\$165,000.00</i>	\$165,000.00	Hanson Layout and Installation Design of new TL run.	N/A	N/A
Auxiliary Transmission Line	\$185,000.00	\$185,000.00		\$0.00	
American Tower Fees	<i>\$150,000.00</i>	\$150,000.00	American Tower Fees for Aux site modifications.	N/A	N/A
Optimize for New Channels	<i>\$35,000.00</i>	\$35,000.00	Optimize on new channels.	N/A	N/A
Auxiliary Transmission Line	\$375,800.00	\$575,000.00		\$0.00	

Transmission Layout and Installation Drawings	\$135,000.00	\$135,000.00	Hanson Layout Aux Transmission line run and develop installation drawings and plan.	N/A	N/A
Empire State Building Fees	\$160,000.00	\$160,000.00	Empire State Building Fees - Aux transmission line.	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$80,800.00	\$280,000.00	Custom Transmission line lengths fabricated for run.	N/A	N/A
Sub-total	\$1,177,800.00	\$1,450,000.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

Information not provided.

**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 B	\$23,609,614.00	\$26,660,314.00		\$0.00	
Empire State Building Structural Modifications 1	<i>\$9,000,000.00</i>	\$9,000,000.00	Empire State Building Structural Modifications required for antennas and Rev. G. Total WNYW allocated cost is \$ 21,110,314. Form will not allow total on one line. So cost is broken down on three lines.	N/A	N/A
Empire State Building Structural Modifications 2	<i>\$9,000,000.00</i>	\$9,000,000.00	Empire State Building Structural Modifications required for antennas and Rev. G. Total WNYW allocated cost is \$ 21,110,314. Form will not allow total on one line. So cost is broken down on three lines.	N/A	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$300,000.00	ESB Inspections	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$3,500,000.00	ESB Antenna Installation Cost Estimate	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$750,000.00	ESB Rigging Costs	N/A	N/A
Empire State Building Structural Modifications 3	\$4,110,314.00	\$4,110,314.00	Empire State Building Structural Modifications required for antennas and Rev. G. Total WNYW allocated cost is \$ 21,110,314. Form will not allow total on one line. So cost is broken down on three lines.	N/A	N/A
Auxiliary Tower B	\$711,000.00	\$1,790,000.00		\$0.00	

Empire State Building Fees for Aux Antenna Structural	\$290,000.00	\$290,000.00	ESB Fees Aux Antenna	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$1,500,000.00	ESB Aux Antenna Installation	N/A	N/A
Auxiliary Tower LTOWER	\$429,800.00	\$417,000.00		\$0.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	Catalog	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	West Orange NJ	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$80,000.00	Catalog	N/A	N/A
American Tower Fees	\$175,000.00	\$175,000.00	American tower fees	N/A	N/A
Sub-total	\$24,750,414.00	\$28,867,314.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

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	\$666,975.00	\$682,700.00		\$0.00	
Project management of the transition	\$395,000.00	\$375,000.00	Outside Project Management of Main/Aux projects at ESB and Aux facility changes at West Orange.	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$8,000.00	Two Aux Applications - Catalog	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$4,000.00	Two Aux Facilities - Catalog	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	Catalog	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$5,000.00	New York market Coordination - Phase 4 for testing and transition dates.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	Catalog	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Catalog	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$3,000.00	Two Aux Facilities - Catalog	N/A	N/A
Prepare request for Special Temporary Authorization	\$6,150.00	\$4,500.00	Catalog	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$25,000.00	Negotiate Lease Modifications ESB / ATC	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$11,040.00	\$10,500.00	Catalog	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	Catalog	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	Catalog	N/A	N/A
Additional Field Engineering Service, 30 Days	\$54,000.00	\$54,000.00	On Site Supervision of installation work by local 3 labor.	N/A	N/A
Reimbursement Reviews with FCC Contractor	\$34,450.00	\$34,450.00	Reimbursement Reviews w/ E&Y and Cavell.	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$21,000.00	Development of Custom Antenna Patterns for WNYW DA and meet ESB Structural Criteria. Three antenna stack.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Catalog	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	Catalog	N/A	N/A
Prepare and File FCC Progress Reports	\$24,000.00	\$24,000.00	Prepare and file FCC Progress reports - New York Issues	N/A	N/A
Sub-total	\$666,975.00	\$682,700.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

Information not provided.

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	\$2,043,690.00	\$2,043,085.00		\$0.00	
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	Catalog	N/A	N/A
Non-zoning permits	<i>\$165,000.00</i>	\$165,000.00	Building Permits for Mechanical, HVAC, Fire Protection, Electrical.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Catalog	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	Catalog	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	Catalog	N/A	N/A
Local Zoning	<i>\$75,000.00</i>	\$75,000.00	New York City Department of Buildings Issues	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$180,000.00	\$180,000.00	Remove and dispose of transformer oil, glycol, and various transmitter components from ESB Loading Dock.	N/A	N/A
Equipment Delivery and Handling Charges	\$275,000.00	\$275,000.00	Staging equipment delivery to ESB Loading Dock. Night / Weekend hours. Teamsters.	N/A	N/A
Equipment Storage	\$150,000.00	\$150,000.00	Equipment staging and storage off site until ready for on site delivery.	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$11,000.00	\$11,000.00	N/A	N/A	N/A
New York Sales Tax	\$1,173,000.00	\$1,173,000.00	Estimate Sales Tax on equipment.	N/A	N/A
Sub-total	\$2,043,690.00	\$2,043,085.00	N/A	\$0.00	N/A
Total for all systems	\$37,890,589.00	\$44,768,746.00	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$37,890,589.00	\$44,768,746.00
			\$0.00

Reimbursement Status	Question	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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 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.

	<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Joseph M. Di Scipio <i>SVP, Legal and FCC Compliance</i></p> <p>07/10/2017</p>

Attachments

Information not provided.