



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **68058** | Service: **DTV** | Call **WHSB-TV** | Channel: **22 (UHF)** |  
ID:  
File **0000028012**  
Number:  
FRN: **0004346060** | Date **10/12**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRINITY BROADCASTING OF TEXAS, INC. Doing Business As: TRINITY BROADCASTING NETWORKs	13600 Heritage Parkway Suite 200 Fort Worth, TX 76177 United States	+1 (855) 826- 2255	CMMAY@MAYLAWOFFICES. COM	Not-for- Profit

## 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
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	Reduce TPO to 50% and remove 1/2 of the xmitter system. Install new SS xmitter system. Add AUX antenna & line to the tower & feed it with a reduced signal from the current xmitter. Remove & replace antenna. Test.

Question	Response
Sharee Station Facility ID	48813
Call Sign	WUVG-DT
Type	Commercial
Licensee Name	UNIVISION ATLANTA LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	ATHENS, GA
Pre-auction RF Channel	18
Post-auction RF Channel	18
Neilsen DMA	Atlanta
Network Affiliation	

Question	Response
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Sharee Station Facility ID	64033
Call Sign	WPCH-TV
Type	Commercial
Licensee Name	MEREDITH CORPORATION
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	ATLANTA, GA
Pre-auction RF Channel	31
Post-auction RF Channel	31
Neilsen DMA	Atlanta
Network Affiliation	

Question	Response
Sharee Station Facility ID	22819
Call Sign	WATL
Type	Commercial
Licensee Name	PACIFIC AND SOUTHERN, LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	ATLANTA, GA
Pre-auction RF Channel	25
Post-auction RF Channel	25

Neilsen DMA	Atlanta
Network Affiliation	
Question	Response
Sharee Station Facility ID	72120
Call Sign	WGCL-TV
Type	Commercial
Licensee Name	MEREDITH CORPORATION
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	ATLANTA, GA
Pre-auction RF Channel	19
Post-auction RF Channel	19
Neilsen DMA	Atlanta
Network Affiliation	

## Transmitters

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCX 2
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	HPTV PRLX U24
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	40 kW
	Justification for New Transmitter	See Attachment

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	500.0 feet
	Other Electrical Service	Yes
	Description	Labor, Disconnects, breakers...

<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	10 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1000.0 square feet
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
install	xmitter installation

**Antennas**

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



**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	Type	Broadband Panel
	Number of Stations Supported	4
	Number of Panels	14
	Design power capacity in use	80.0 %
	Lower Limit	470.00 MHz
	Upper Limit	800.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

	Manufacturer	
	Model	TUD-05-14 /70U-2-B
	Year	2000

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

Facility ID	Call Sign
48813	WUVG-DT
64033	WPCH-TV
72120	WGCL-TV

**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Leased
	Owner	aAMERICAN tOWER
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	4
	Number of Panels/Bays	12
	Lower Limit	470.00 MHz
	Upper Limit	800.00 MHz
	Design power capacity in use	80.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	

	Model	PEPL48D-C170-2-6
	Year	2017
	Justification for New Antenna	aAMERICAN tOWER

**Primary  
Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	Additional Module
	Number of channels supported	1
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	8 3/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Enter a list of RF channel numbers.**

**RF Channel Number**

22

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
Connection to Combiner	to connect the xmitter output to the combiner input.

**Transmission Line**

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

**Primary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2000 feet per run

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

Facility ID	Call Sign
64033	WPCH-TV
48813	WUVG-DT

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6900

WUPA

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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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2000 feet per run
	Justification for New Transmission Line	American tower

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
combiner install	installation

**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?	Candelabra
	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?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1223132
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	33° 48' 26.4" N-
	Longitude (NAD83)	084° 20' 21.5" W-
	Overall Structure Height	1182.07 feet
	Support Structure Height	1056.09 feet
	Ground Elevation Above Mean Sea Level (AMSL)	867.12 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Tower, LLC
Date Constructed	03/27/2002

**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
48813	WUVG-DT	DTV
22819	WATL	DTV
64033	WPCH-TV	DTV
6900	WUPA	DTV
72120	WGCL-TV	DTV

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary  
Tower

Tower Rigging Costs

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

Primary  
Tower

Other Tower Expenses Not Listed

Name	Description
drawing	permit
structural	load study
ground	package

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	95
	Explanation	American Tower
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	Yes
	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	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
site	meeting
RF System	testing

## Other Expenses

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

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
ATC Tower rental	One time tower rental during repack
Compound fencing	fence
Nitrogen gen	Nitrogen generator
FM moving	FM move / rigging



## 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
<b>Primary Transmitter HPTV PRLX U24</b>	<b>\$1,686,500.00</b>	<b>\$1,633,250.00</b>		<b>\$1,158,676.85</b>	
install	<i>\$35,000.00</i>	\$35,000.00	installation quote	\$35,000.00	N/A
Other -- Building Addition Size: 1000.0	<i>\$36,000.00</i>	\$36,000.00	American Tower	\$22,500.00	N/A
10 Ton system	\$60,500.00	\$87,000.00	ATC	\$43,125.00	N/A
Other Electrical Service: Labor, Disconnects, breakers...	<i>\$69,000.00</i>	\$69,000.00	updated quote	\$65,925.08	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$6,250.00	N/A	\$4,687.50	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	N/A	\$987,439.27	N/A
<b>Sub-total</b>	<b>\$1,686,500.00</b>	<b>\$1,633,250.00</b>	<b>N/A</b>	<b>\$1,158,676.85</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$4,637,350.00</b>	<b>\$2,739,034.00</b>	<b>N/A</b>	<b>\$2,079,749.40</b>	<b>N/A</b>

### Components

Actual Information	
Description	File Name
install	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div>xmitter installation \$35,000.00</div>
Other -- Building Addition Size: 1000.0	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div>bldg cap 2 a \$15,000.00</div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div>25% deposit, see attached Cap Con \$7,500.00</div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div>25% deposit, see attached Cap Con \$7,500.00</div>
10 Ton system	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div>ac cap 2a \$28,750.00</div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div>25% deposit, see attached Cap Con \$14,375.00</div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div>25% deposit, see attached Cap Con \$14,375.00</div>

Other Electrical Service: Labor, Disconnects, breakers...	<b>Component Description:</b> <b>Amount:</b>	xmitter electrical \$58,240.00
	<b>Component Description:</b> <b>Amount:</b>	sub panel cap 2a \$1,875.00
	<b>Component Description:</b> <b>Amount:</b>	surge for new suite \$2,372.58
	<b>Component Description:</b> <b>Amount:</b>	final 2a \$2,500.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$937.50
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$937.50
2" Rigid Conduit and Wiring (Cost per foot)	<b>Component Description:</b> <b>Amount:</b>	conduit cap 2a \$3,125.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached CAP CON \$1,562.50
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$1,562.50

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW		
	<b>Component Description:</b>	30% 7 days prior
	<b>Amount:</b>	to shipping
		\$296,231.78
	<b>Component Description:</b>	5% proof
	<b>Amount:</b>	\$49,371.96
	<b>Component Description:</b>	30% 60 days
	<b>Amount:</b>	\$296,231.78
	<b>Component Description:</b>	35% deposit
	<b>Amount:</b>	\$345,603.75

## 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
<b>Primary Antenna PEPL48D-C170-2-6</b>	<b>\$1,279,880.00</b>	<b>\$356,693.00</b>		<b>\$281,719.37</b>	
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$11,100.00	N/A	\$10,895.60	N/A
Adding a module to existing combiner (without antenna)	\$84,200.00	\$66,500.00	N/A	\$45,967.90	N/A
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	\$1,090,000.00	\$192,693.00	N/A	\$144,148.60	N/A
Connection to Combiner	<i>\$80,000.00</i>	\$80,000.00	materials to connect the transmitter to the combiner.	\$77,707.27	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,000.00	N/A
<b>Sub-total</b>	\$1,279,880.00	\$356,693.00	N/A	\$281,719.37	N/A
<b>Total for all systems</b>	\$4,637,350.00	\$2,739,034.00	N/A	\$2,079,749.40	N/A

## Components

Actual Information	
Description	File Name
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	<b>Component Description:</b>
	elbow cap 2a
	<b>Amount:</b>
	\$2,700.00
	<b>Component Description:</b>
	final 2
	<b>Amount:</b>
	\$6,845.60
	<b>Component Description:</b>
	25% deposit, see attached Cap Con
	<b>Amount:</b>
	\$1,350.00
	<b>Component Description:</b>
	25% deposit, see attached Cap Con
	<b>Amount:</b>
	\$1,350.00

Adding a module to existing combiner (without antenna)	<b>Component Description:</b> combiner cap 2a <b>Amount:</b> \$26,250.00
	<b>Component Description:</b> final 2 <b>Amount:</b> \$6,592.90
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$13,125.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$13,125.00
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	<b>Component Description:</b> antenna cap 2 <b>Amount:</b> \$61,346.25
	<b>Component Description:</b> final 2a <b>Amount:</b> \$52,129.22
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$30,673.13
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$30,673.13

Connection to Combiner	<b>Component Description:</b> combiner input <b>Amount:</b> \$6,492.41
	<b>Component Description:</b> combiner input <b>Amount:</b> \$1,452.25
	<b>Component Description:</b> combiner input <b>Amount:</b> \$45,256.08
	<b>Component Description:</b> balance <b>Amount:</b> \$12,636.25
	<b>Component Description:</b> misc <b>Amount:</b> \$4,694.25
	<b>Component Description:</b> field cut <b>Amount:</b> \$7,176.03
Sweep test of existing antenna	<b>Component Description:</b> sweep cap 2a <b>Amount:</b> \$1,250.00
	<b>Component Description:</b> final 2 <b>Amount:</b> \$1,125.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$625.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$625.00



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	\$811,500.00	\$211,116.00		\$187,227.18	
combiner install	<i>\$13,500.00</i>	\$13,500.00	ATC quote	\$11,600.00	N/A
Rigid Transmission Line - copper, 8 3 /16" broadband	\$798,000.00	\$197,616.00	N/A	\$175,627.18	N/A
Sub-total	\$811,500.00	\$211,116.00	N/A	\$187,227.18	N/A
Total for all systems	\$4,637,350.00	\$2,739,034.00	N/A	\$2,079,749.40	N/A

Components

Actual Information	
Description	File Name

combiner install		
	<b>Component Description:</b>	combiner install
		cap 2a
	<b>Amount:</b>	\$3,750.00
	<b>Component Description:</b>	final 2
	<b>Amount:</b>	\$5,975.00
	<b>Component Description:</b>	25% deposit, see attached Cap Con
	<b>Amount:</b>	\$1,875.00
	<b>Component Description:</b>	25% deposit, see attached Cap Con
	<b>Amount:</b>	\$1,875.00

Rigid Transmission Line -  
copper, 8 3/16" broadband

**Component Description:** field cuts  
**Amount:** \$4,529.60

**Component Description:** line cap 2a  
**Amount:** \$53,808.25

**Component Description:** final 2  
**Amount:** \$88,892.63

**Component Description:** 25% deposit, see  
attached Cap Con  
**Amount:** \$26,904.12

**Component Description:** 25% deposit, see  
attached Cap Con  
**Amount:** \$26,904.13

**Component Description:** flange  
**Amount:** \$1,492.58

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 GTOWER	\$620,700.00	\$314,360.00		\$275,610.50	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$165,000.00	N/A	\$146,374.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$125,000.00	N/A	\$109,046.50	N/A
drawing	\$4,700.00	\$4,700.00	Tower permit drawing package, American Tower	\$3,525.00	N/A
ground	\$4,700.00	\$4,700.00	American Tower	\$3,525.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$8,960.00	N/A	\$7,440.00	N/A
structural	\$6,000.00	\$6,000.00	American Tower	\$5,700.00	q

<b>Sub-total</b>	\$620,700.00	\$314,360.00	N/A	\$275,610.50	N/A
<b>Total for all systems</b>	\$4,637,350.00	\$2,739,034.00	N/A	\$2,079,749.40	N/A

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b> complex tower cap 2a
	<b>Amount:</b> \$52,500.00
	<b>Component Description:</b> final 2
	<b>Amount:</b> \$67,624.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con
	<b>Amount:</b> \$26,250.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con
	<b>Amount:</b> \$26,250.00

Minor tower reinforcement /modifications	<b>Component Description:</b> <b>Amount:</b>	tower mod cap 2a \$17,500.00
	<b>Component Description:</b> <b>Amount:</b>	final 2 \$34,021.50
	<b>Component Description:</b> <b>Amount:</b>	install coax \$48,775.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$8,750.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$8,750.00
drawing	<b>Component Description:</b> <b>Amount:</b>	drawing cap 2a \$2,350.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$1,175.00
	<b>Component Description:</b> <b>Amount:</b>	25% deposit, see attached Cap Con \$1,175.00

ground	<table> <tr> <td data-bbox="724 174 1034 208"><b>Component Description:</b></td><td data-bbox="1168 174 1337 208">ground cap 2a</td></tr> <tr> <td data-bbox="724 215 836 248"><b>Amount:</b></td><td data-bbox="1168 215 1286 248">\$2,350.00</td></tr> <tr> <td data-bbox="724 353 1034 387"><b>Component Description:</b></td><td data-bbox="1168 353 1378 427">25% deposit, see attached Cap Con</td></tr> <tr> <td data-bbox="724 434 836 468"><b>Amount:</b></td><td data-bbox="1168 434 1286 468">\$1,175.00</td></tr> <tr> <td data-bbox="724 573 1034 607"><b>Component Description:</b></td><td data-bbox="1168 573 1378 647">25% deposit, see attached Cap Con</td></tr> <tr> <td data-bbox="724 654 836 687"><b>Amount:</b></td><td data-bbox="1168 654 1286 687">\$1,175.00</td></tr> </table>	<b>Component Description:</b>	ground cap 2a	<b>Amount:</b>	\$2,350.00	<b>Component Description:</b>	25% deposit, see attached Cap Con	<b>Amount:</b>	\$1,175.00	<b>Component Description:</b>	25% deposit, see attached Cap Con	<b>Amount:</b>	\$1,175.00				
<b>Component Description:</b>	ground cap 2a																
<b>Amount:</b>	\$2,350.00																
<b>Component Description:</b>	25% deposit, see attached Cap Con																
<b>Amount:</b>	\$1,175.00																
<b>Component Description:</b>	25% deposit, see attached Cap Con																
<b>Amount:</b>	\$1,175.00																
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<table> <tr> <td data-bbox="724 824 1034 857"><b>Component Description:</b></td><td data-bbox="1168 824 1350 898">Tower map cap 2a</td></tr> <tr> <td data-bbox="724 904 836 938"><b>Amount:</b></td><td data-bbox="1168 904 1286 938">\$2,480.00</td></tr> <tr> <td data-bbox="724 1043 1034 1077"><b>Component Description:</b></td><td data-bbox="1168 1043 1241 1077">final 2</td></tr> <tr> <td data-bbox="724 1084 836 1117"><b>Amount:</b></td><td data-bbox="1168 1084 1286 1117">\$3,720.00</td></tr> <tr> <td data-bbox="724 1223 1034 1256"><b>Component Description:</b></td><td data-bbox="1168 1223 1378 1296">25% deposit, see attached Cap Con</td></tr> <tr> <td data-bbox="724 1303 836 1337"><b>Amount:</b></td><td data-bbox="1168 1303 1286 1337">\$1,240.00</td></tr> <tr> <td data-bbox="724 1442 1034 1476"><b>Component Description:</b></td><td data-bbox="1168 1442 1378 1516">25% deposit, see attached Cap Con</td></tr> <tr> <td data-bbox="724 1523 836 1556"><b>Amount:</b></td><td data-bbox="1168 1523 1286 1556">\$1,240.00</td></tr> </table>	<b>Component Description:</b>	Tower map cap 2a	<b>Amount:</b>	\$2,480.00	<b>Component Description:</b>	final 2	<b>Amount:</b>	\$3,720.00	<b>Component Description:</b>	25% deposit, see attached Cap Con	<b>Amount:</b>	\$1,240.00	<b>Component Description:</b>	25% deposit, see attached Cap Con	<b>Amount:</b>	\$1,240.00
<b>Component Description:</b>	Tower map cap 2a																
<b>Amount:</b>	\$2,480.00																
<b>Component Description:</b>	final 2																
<b>Amount:</b>	\$3,720.00																
<b>Component Description:</b>	25% deposit, see attached Cap Con																
<b>Amount:</b>	\$1,240.00																
<b>Component Description:</b>	25% deposit, see attached Cap Con																
<b>Amount:</b>	\$1,240.00																

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structural

**Component Description:** structural cap 2a  
**Amount:** \$1,955.00

**Component Description:** final 2  
**Amount:** \$2,767.50

**Component Description:** 25% deposit, see  
attached Cap Con  
**Amount:** \$977.50

**Component Description:** 25% deposit, see  
attached Cap Con  
**Amount:** \$977.50

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## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$78,865.00</b>	<b>\$69,180.00</b>		<b>\$27,105.00</b>	
RF System	<i>\$6,000.00</i>	\$6,000.00	Quoted by ATC	\$5,000.00	N/A
site	<i>\$3,000.00</i>	\$3,000.00	American Tower	\$3,000.00	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,200.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,000.00	N/A	\$750.00	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,750.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$6,300.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Project management of the transition	\$15,010.00	\$9,480.00	N/A	\$7,805.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$78,865.00	\$69,180.00	N/A	\$27,105.00	N/A
<b>Total for all systems</b>	\$4,637,350.00	\$2,739,034.00	N/A	\$2,079,749.40	N/A

## Components

Actual Information Description	File Name
RF System	<div>Component Description: test cap 2a</div> <div>Amount: \$2,500.00</div>
	<div>Component Description: final 2</div> <div>Amount: \$1,250.00</div>
	<div>Component Description: 25% deposit, see attached Cap Con</div> <div>Amount: \$1,250.00</div>
	<div>Component Description: 25% deposit, see attached Cap Con</div> <div>Amount: \$1,250.00</div>
	<div>Component Description: site cap 2a</div> <div>Amount: \$1,000.00</div>
	<div>Component Description: final 2</div> <div>Amount: \$1,500.00</div>
	<div>Component Description: 25% deposit, see attached Cap Con</div> <div>Amount: \$500.00</div>
	<div>Component Description: 25% deposit, see attached Cap Con</div> <div>Amount: \$500.00</div>
site	

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> license  \$750.00 </div> </div>
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table><tr><td>Component Description:</td><td>Engineering for 2100 CP</td></tr><tr><td>Amount:</td><td>\$1,750.00</td></tr></table>	Component Description:	Engineering for 2100 CP	Amount:	\$1,750.00
Component Description:	Engineering for 2100 CP				
Amount:	\$1,750.00				
Perform engineering study for new channel assignment and antenna development	<table><tr><td>Component Description:</td><td>antenna dev cap 2a</td></tr><tr><td>Amount:</td><td>\$2,500.00</td></tr></table>	Component Description:	antenna dev cap 2a	Amount:	\$2,500.00
	Component Description:	antenna dev cap 2a			
	Amount:	\$2,500.00			
	<table><tr><td>Component Description:</td><td>final 2</td></tr><tr><td>Amount:</td><td>\$1,250.00</td></tr></table>	Component Description:	final 2	Amount:	\$1,250.00
	Component Description:	final 2			
	Amount:	\$1,250.00			
<table><tr><td>Component Description:</td><td>Interference study for CP</td></tr><tr><td>Amount:</td><td>\$650.00</td></tr></table>	Component Description:	Interference study for CP	Amount:	\$650.00	
Component Description:	Interference study for CP				
Amount:	\$650.00				
<table><tr><td>Component Description:</td><td>Further interference study for CP</td></tr><tr><td>Amount:</td><td>\$650.00</td></tr></table>	Component Description:	Further interference study for CP	Amount:	\$650.00	
Component Description:	Further interference study for CP				
Amount:	\$650.00				
<table><tr><td>Component Description:</td><td>25% deposit, see attached Cap Con</td></tr><tr><td>Amount:</td><td>\$1,250.00</td></tr></table>	Component Description:	25% deposit, see attached Cap Con	Amount:	\$1,250.00	
Component Description:	25% deposit, see attached Cap Con				
Amount:	\$1,250.00				
<table><tr><td>Component Description:</td><td>25% deposit, see attached Cap Con</td></tr><tr><td>Amount:</td><td>\$1,250.00</td></tr></table>	Component Description:	25% deposit, see attached Cap Con	Amount:	\$1,250.00	
Component Description:	25% deposit, see attached Cap Con				
Amount:	\$1,250.00				

Address transition timing and coordination issues w/ other stations and wireless	<b>Component Description:</b> time cap 2a <b>Amount:</b> \$1,250.00
	<b>Component Description:</b> final 2 <b>Amount:</b> \$625.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$625.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$625.00
Project management of the transition	<b>Component Description:</b> management cap 2a <b>Amount:</b> \$4,740.00
	<b>Component Description:</b> final 2 <b>Amount:</b> \$695.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$2,370.00
	<b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$2,370.00
Prepare and or review reimbursement form	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
<b>Other Expenses</b>	<b>\$159,905.00</b>	<b>\$154,435.00</b>		<b>\$149,410.50</b>	
FM moving	<i>\$43,000.00</i>	\$43,000.00	ATC Quote	\$42,004.00	N/A
Nitrogen gen	<i>\$7,000.00</i>	\$7,000.00	ATC Quote	\$6,693.50	N/A
Compound fencing	<i>\$500.00</i>	\$500.00	ATC Quote	\$495.75	N/A
ATC Tower rental	<i>\$57,600.00</i>	\$57,600.00	American Tower rental	\$57,600.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$26,670.00</i>	\$26,670.00	It is required by ATC that the old suite be empty of all transmitter equipment.	\$26,670.00	N/A
Non-zoning permits	<i>\$750.00</i>	\$750.00	American Tower	\$666.65	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$222.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$6,193.00	N/A	\$5,905.60	N/A



Equipment Delivery and Handling Charges	<b>\$12,500.00</b>	\$12,500.00	American Tower	\$9,375.00	N/A
<b>Sub-total</b>	\$159,905.00	\$154,435.00	N/A	\$149,410.50	N/A
<b>Total for all systems</b>	\$4,637,350.00	\$2,739,034.00	N/A	\$2,079,749.40	N/A

## Components

Actual Information	
Description	File Name
FM moving	<b>Component Description:</b> final 2 <b>Amount:</b> \$42,004.00
Nitrogen gen	<b>Component Description:</b> final 2 <b>Amount:</b> \$6,693.50
Compound fencing	<b>Component Description:</b> final 2 <b>Amount:</b> \$495.75
ATC Tower rental	<b>Component Description:</b> rental cap 2a <b>Amount:</b> \$28,800.00  <b>Component Description:</b> final 2 <b>Amount:</b> \$14,400.00  <b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$14,400.00

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> DTV xmitter removal <b>Amount:</b> \$26,670.00
Non-zoning permits	<b>Component Description:</b> permits cap 2a <b>Amount:</b> \$375.00  <b>Component Description:</b> final 2 <b>Amount:</b> \$104.15  <b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$187.50  <b>Component Description:</b> 25% deposit, see attached Cap Con <b>Amount:</b> \$187.50
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	<b>Component Description:</b> med <b>Amount:</b> \$5,905.60

Equipment Delivery and Handling Charges	<b>Component Description:</b>		delivery cap 2a
	<b>Amount:</b>		\$6,250.00
	<b>Component Description:</b>		25% deposit, see attached Cap Con
	<b>Amount:</b>		\$3,125.00
	<b>Component Description:</b>		25% deposit, see attached Cap Con
	<b>Amount:</b>		\$3,125.00

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$4,637,350.00	\$2,739,034.00
			\$2,079,749.40

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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.	Yes

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Steve Hastings</b> <i>Network RF Manager</i></p> <p>10/12/2021</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	



3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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 above-named applicant for the Authorization(s) specified above.

**Steve Hastings**  
*Network RF Manager*

10/12/2021

**Attachments**