



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **53517** | Service: **DTV** | Call **WXXV-TV** | Channel: **25 (UHF)** |  
ID: | Sign:  
File **0000028247**  
Number:  
FRN: **0003766417** | Date **04/10**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>MORRIS NETWORK OF MISSISSIPPI, INC.</b>	Bobby Berry	+1 (478) 745-4141	bberry@morrisnetwork.com	Corporation
Doing Business As: MORRIS NETWORK OF MISSISSIPPI, INC.	301 Poplar Street MACON, GA 31201 United States			

## 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
<b>Ray Luke</b> <i>Project Manager</i> <i>Custom Specialty Services, LLC</i>	Ray Luke 17363 Carlton Cuebas Road Gulfport, MS 39503 United States	+1 (228) 297-2500	ray.css@att.net

**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.	No
Briefly describe transition plan	WXXV-TV plans to replace its existing antenna,line and transmitter with new ones that will accommodate its new channel. in the interim it will connect its existing transmitter to a interim antenna that will have been used in phase 1 at WCBI-TV.

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	use as backup for main when main transmitter is down for repairs or maintance
	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	ranger 1000
	Year	2000
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.2 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE- 2R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.2 kW
	Justification for New Transmitter	Old transmitter will not re- tune to new channel

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

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	1 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A

<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<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

**Auxiliary Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**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	TC121iD
	Year	2006
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	12 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	UAXTE- 12R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	10 kW
	Justification for New Transmitter	The old transmitter is no longer supported and therefore cannot be re-tuned. While the Form 399 FAQ's instruct to list this as an upgrade, it actually is not, but rather a simple replacement. See attachment.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	175.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	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?	No
	Size	N/A
<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
psip generator	PSIP generator need for new transmitter
site survey	site survey by Gates/Air for floor plan and electrical drawing of transmitter site



**Antennas**

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

## Auxiliary Antenna

### Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	No
	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	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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) .....	13.0 kW

Manufacturer	
Model	AL8-48-PL
Year	2002

**Auxiliary  
Antenna**

**New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	backup
	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?	No
New Antenna Manufacturer and Types	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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) .....	13.0 kW
	Manufacturer	

Model	SWEDL80I /25
Year	2019
Justification for New Antenna	Old backup antenna will not tune to new channel 25

## Auxiliary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<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

**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
interim feed line	300ft 1-1/4 helix to use during major tower mods

## 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?	No
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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	TFU-31JSC T180
Year	2006



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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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) .....	190.0 kW
	Manufacturer	

Model	SWCDS28TL /25
Year	2018
Justification for New Antenna	Old antenna will not re- tune to new channel

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**  
Information not provided.

**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	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	1550 feet per run

**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1550 feet per run
	Justification for New Transmission Line	Old line wrong segment length for new channel.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

**Tower  
Equipment  
And  
Rigging  
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1059698
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	30° 44' 49.0" N-
	Longitude (NAD83)	089° 03' 30.0" W-
	Overall Structure Height	1540.01 feet
	Support Structure Height	1478.00 feet

Ground Elevation Above Mean Sea Level (AMSL)	240.15 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	MORRIS NETWORK OF MISSISSIPPI, INC.
Date Constructed	12/15/1986

## 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	Terrain constrained
Helicopter Services Required	Are helicopter services required?	No



**Primary  
Tower**

**Other Tower Expenses Not Listed**  
Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	2200
	Explanation	Station is one of a group of co-owned stations, all of which are subject to repack. there is no group director of engineering and station has only IT engineer on staff. co-ordination is needed for the entire group's transition in different phases
<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	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

	Quantity	1
	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	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No

Number of Days	N/A
Justification	N/A

**Outside**

**Professional**

**Other Professional Services Expenses Not Listed**

**Services Costs**

**Name**

**Description**

**Additional legal fees**

Additional legal fees for 399 forms and progress reports

## 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	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<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?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Move of backup tx to aux site</b>	move backup transmitter to temp. site for use while tower mods being done to keep station on air
<b>building clean out</b>	Building clean out of old electrical, analog transmitter and equipment to make room for new repack transmitter and equipment
<b>clearing at tower site</b>	Clearing of staging area and guy points for tower crew to perform tower mods

## 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 UAXTE-12R44</b>	<b>\$481,088.24</b>	<b>\$383,726.24</b>		<b>\$132,723.39</b>	
site survey	<i>\$18,438.24</i>	\$18,438.24	N/A	\$18,438.24	N/A
psip generator	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
10 Ton system	\$38,900.00	\$8,988.00	N/A	\$8,988.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$9,100.00	\$0.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$0.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$16,738.19	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$0.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 10 - 12 kW	\$336,500.00	\$320,000.00	N/A	\$88,558.96	N/A

<b>Auxiliary Transmitter UAXTE-2R37</b>	<b>\$130,500.00</b>	<b>\$124,500.00</b>		<b>\$24,850.26</b>	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$24,850.26	N/A
1" Rigid Conduit and Wiring	<b>\$4,500.00</b>	\$4,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$611,588.24	\$508,226.24	N/A	\$157,573.65	N/A
<b>Total for all systems</b>	\$3,080,743.24	\$2,805,186.24	N/A	\$1,331,737.81	N/A

## Components

Actual Information	
Description	File Name
site survey	<p><b>Component Description:</b> SITE SURVEY INVOICE US0324661</p> <p><b>Amount:</b> \$18,438.24</p>
psip generator	Information not provided.
10 Ton system	<p><b>Component Description:</b> 5 ton HVAC system</p> <p><b>Amount:</b> \$8,988.00</p>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.



Switchgear - industrial 800 amp	<div> <b>Component Description:</b> </div> <div> <b>Amount:</b> </div>	<div>Total electrical cost including switch gear, conduit, breakers and install</div> <div>\$16,738.19</div>
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
UHF - Air Cooled Solid State Transmitter 10 - 12 kW	<b>Component Description:</b>	1/3 down payment on main xmitter
	<b>Amount:</b>	\$88,558.96
	<b>Component Description:</b>	Gates quote # Q-59830
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	1/3 downpayment due for main transmitter.
	<b>Amount:</b>	\$88,558.96
	<b>Component Description:</b>	Transmitter Justification letter
	<b>Amount:</b>	N/A

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<table> <tr> <td data-bbox="707 174 1013 208"><b>Component Description:</b></td><td data-bbox="1147 174 1337 322">1/3 DOWN PAYMENT BACKUP TRANSMITTER</td></tr> <tr> <td data-bbox="707 338 815 367"><b>Amount:</b></td><td data-bbox="1147 338 1278 367">\$24,850.26</td></tr> <tr> <td data-bbox="707 477 1013 510"><b>Component Description:</b></td><td data-bbox="1147 477 1350 546">Gates quote # Q- 59831</td></tr> <tr> <td data-bbox="707 560 815 589"><b>Amount:</b></td><td data-bbox="1147 560 1193 589">N/A</td></tr> <tr> <td data-bbox="707 696 1013 730"><b>Component Description:</b></td><td data-bbox="1147 696 1356 806">1/3 downpayment for auxiliary transmitter</td></tr> <tr> <td data-bbox="707 817 815 846"><b>Amount:</b></td><td data-bbox="1147 817 1278 846">\$24,850.26</td></tr> <tr> <td data-bbox="707 954 1013 987"><b>Component Description:</b></td><td data-bbox="1147 954 1362 1023">1/3 down payment on backup xmitter</td></tr> <tr> <td data-bbox="707 1034 815 1064"><b>Amount:</b></td><td data-bbox="1147 1034 1278 1064">\$24,850.26</td></tr> </table>	<b>Component Description:</b>	1/3 DOWN PAYMENT BACKUP TRANSMITTER	<b>Amount:</b>	\$24,850.26	<b>Component Description:</b>	Gates quote # Q- 59831	<b>Amount:</b>	N/A	<b>Component Description:</b>	1/3 downpayment for auxiliary transmitter	<b>Amount:</b>	\$24,850.26	<b>Component Description:</b>	1/3 down payment on backup xmitter	<b>Amount:</b>	\$24,850.26
<b>Component Description:</b>	1/3 DOWN PAYMENT BACKUP TRANSMITTER																
<b>Amount:</b>	\$24,850.26																
<b>Component Description:</b>	Gates quote # Q- 59831																
<b>Amount:</b>	N/A																
<b>Component Description:</b>	1/3 downpayment for auxiliary transmitter																
<b>Amount:</b>	\$24,850.26																
<b>Component Description:</b>	1/3 down payment on backup xmitter																
<b>Amount:</b>	\$24,850.26																
1" Rigid Conduit and Wiring	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 SWCDS28TL /25	\$134,110.00	\$6,400.00		\$5,650.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,650.00	N/A

UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$0.00	N/A	N/A	N/A
<b>Auxiliary Antenna SWEDL80I /25</b>	<b>\$38,730.00</b>	<b>\$27,250.00</b>		<b>\$16,184.54</b>	
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$15,000.00	N/A	\$10,880.63	N/A
Sweep test of existing antenna	\$6,730.00	\$6,550.00	N/A	N/A	N/A
interim feed line	<b>\$5,700.00</b>	\$5,700.00	needed to stay on air during major tower mods	\$5,303.91	N/A
<b>Sub-total</b>	\$172,840.00	\$33,650.00	N/A	\$21,834.54	N/A
<b>Total for all systems</b>	\$3,080,743.24	\$2,805,186.24	N/A	\$1,331,737.81	N/A

## Components

Actual Information	
Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
Sweep test of existing antenna	<p><b>Component Description:</b> sweep test of antenna and line</p> <p><b>Amount:</b> \$5,650.00</p>
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	<p><b>Component Description:</b> SWR invoice 19035-1 is for total amount antenna is on site</p> <p><b>Amount:</b> \$10,880.63</p>
Sweep test of existing antenna	Information not provided.
interim feed line	<p><b>Component Description:</b> Interim feed line invoice 21342</p> <p><b>Amount:</b> \$5,303.91</p>

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	\$220,100.00	\$25,000.00		\$2,943.42	
Rigid Transmission Line - copper, 4 1/16"	\$220,100.00	\$25,000.00	N/A	\$2,943.42	N/A
Sub-total	\$220,100.00	\$25,000.00	N/A	\$2,943.42	N/A
Total for all systems	\$3,080,743.24	\$2,805,186.24	N/A	\$1,331,737.81	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 4 1/16"	<div>Component Description:Line components needed to connect new transmitter</div> <div>Amount:\$2,943.42</div>

## 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
<b>Primary Tower TOWER</b>	<b>\$1,499,300.00</b>	<b>\$1,712,240.00</b>		<b>\$1,042,452.00</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$12,660.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,287,240.00	THIS TOWER REQUIRES MAJOR MODS SEE LETTERS WITH INVOICE	\$1,029,792.00	MAJOR TOWER MODS NEEDED PLEASE SEE LETTERS WITH INVOICE
<b>Sub-total</b>	<b>\$1,499,300.00</b>	<b>\$1,712,240.00</b>	<b>N/A</b>	<b>\$1,042,452.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,080,743.24</b>	<b>\$2,805,186.24</b>	<b>N/A</b>	<b>\$1,331,737.81</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b> THIS IS A SECOND TOWER ANALYSIS DONE JAN 2018 <b>Amount:</b> \$6,240.00
	<b>Component Description:</b> TCI Proposal TCI-17-023 <b>Amount:</b> N/A
	<b>Component Description:</b> tower analysis invoice <b>Amount:</b> \$6,420.00
	<b>Component Description:</b> TCI W9 FORM <b>Amount:</b> N/A
	<b>Component Description:</b> Tower analysis invoice <b>Amount:</b> \$6,420.00



Serious tower reinforcement /modifications		
	<b>Component Description:</b>	50% DOWN PAYMENT INVOICE FOR TOWER MODS
	<b>Amount:</b>	\$643,620.00
	<b>Component Description:</b>	30% payment upon Mobilization invoice
	<b>Amount:</b>	\$386,172.00

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	\$493,640.00	\$443,400.00		\$65,769.20	
Additional legal fees	<i>\$8,500.00</i>	\$8,500.00	N/A	\$270.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$50,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$675.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$347,600.00	\$328,650.00	N/A	\$60,759.21	N/A

Prepare and or review reimbursement form	\$2,630.00	\$8,500.00	The standard estimate is inadequate due to exacting details required, the significant time required to submit or clarify such details, and the need for extra contacts to FCC staff to enable making changes.	\$4,064.99	The general estimate for this category is a significant underestimation due to need to submit further or revised information and cumbersome nature of submissions and need for staff action in order to make them.
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$493,640.00	\$443,400.00	N/A	\$65,769.20	N/A
<b>Total for all systems</b>	\$3,080,743.24	\$2,805,186.24	N/A	\$1,331,737.81	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Additional legal fees	<b>Component Description:</b>		Provide advice and counsel concerning notices to MVPD's and medical facilities and timing and required content of same
	<b>Amount:</b>		\$112.50
	<b>Component Description:</b>		Legal advice and assistance in connection with quarterly repack transition report required by FCC.
	<b>Amount:</b>		\$112.50
	<b>Component Description:</b>		Assist in filing quarterly transition progress report as required by FCC
	<b>Amount:</b>		\$45.00
RF Exposure Measurements	Information not provided.		
Comprehensive coverage verification via field study, if needed	Information not provided.		
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.		
ASR modification (prepare FCC Form 854)	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>  <b>Amount:</b>	Assist in preparation and filing of Form 2100 c.p. application \$450.00  Drafted legal portion of Form 2100 c.p. application \$112.50  Provided legal advice as to methods, contents, and filing requirements for Form 2100 \$112.50
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Project management of the transition	<b>Component Description:</b>  <b>Amount:</b>	Project Management hours April 2017 \$2,812.50

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE
<b>Amount:</b>	\$1,762.50
<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE
<b>Amount:</b>	\$2,475.00
<b>Component Description:</b>	FEB. 2019 INVOICE 19-0203
<b>Amount:</b>	\$6,225.00
<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE with names requested by reviewer
<b>Amount:</b>	\$900.00
<b>Component Description:</b>	JAN. 2019 CSS INVOICE 19-0103
<b>Amount:</b>	\$600.00
<b>Component Description:</b>	CSS DEC 2017 invoice for Project Management hours
<b>Amount:</b>	\$4,762.50
<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE with names requested by reviewer
<b>Amount:</b>	\$3,112.50

<b>Component Description:</b>	CSS OCT 2017 invoice for Project Management hours
<b>Amount:</b>	\$4,312.50

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE with names requested by reviewer
<b>Amount:</b>	\$2,058.00

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE
<b>Amount:</b>	\$398.21

<b>Component Description:</b>	CSS NOV 2017 invoice for Project Management hours
<b>Amount:</b>	\$4,012.50

<b>Component Description:</b>	Dec. 2018 CSS invoice
<b>Amount:</b>	\$7,575.00

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE OCT. 2018
<b>Amount:</b>	\$1,537.50

<b>Component Description:</b>	PROJECT MANAGEMENT HOURS JUNE 2017
<b>Amount:</b>	\$1,516.50



<b>Component Description:</b>	invoice for Project Management with statement requested by reviewer
<b>Amount:</b>	\$24,787.50

<b>Component Description:</b>	FEB INVOICE FOR PROJECT MANAGEMENT HOURS
<b>Amount:</b>	\$4,162.50

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE with names requested by reviewer
<b>Amount:</b>	\$2,062.50

<b>Component Description:</b>	Project Management hours May 2017
<b>Amount:</b>	\$1,660.50

<b>Component Description:</b>	Nov. 2018 CSS invoice
<b>Amount:</b>	\$975.00

<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE
<b>Amount:</b>	\$2,776.50

<b>Component Description:</b>	REVISED JAN. 2018 INVOICE
<b>Amount:</b>	\$4,037.50

	<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE with names requested by reviewer
	<b>Amount:</b>	\$312.00
	<b>Component Description:</b>	PROJECT MANAGEMENT INVOICE
	<b>Amount:</b>	\$712.50
Prepare and or review reimbursement form	<b>Component Description:</b>	Assist in seeking reimbursement for further expenses and revising prior submissions in response to FCC requests in order to obtain reimbursement
	<b>Amount:</b>	\$900.00
	<b>Component Description:</b>	Provided information and legal advice concerning preparation of Schedule 399 estimate for reimbursement
	<b>Amount:</b>	\$112.50
	<b>Component Description:</b>	Assisted in determining reason for delay in reimbursement payment after
	<b>Amount:</b>	\$225.00

<b>Component Description:</b>	Assisted in revising and resubmitting information supporting reimbursement request and in dealing with technical difficulties
<b>Amount:</b>	\$337.50

<b>Component Description:</b>	Preparation and transmittal of Form 1876 to enable reimbursement plus costs of transmission to FCC charged to client
<b>Amount:</b>	\$464.99

<b>Component Description:</b>	Provided legal advice and assistance with regard to reimbursement amounts, policies, and procedures - remaining \$112.50 reimbursement to be requested under separate line item for FCC-required progress reports once established.
<b>Amount:</b>	\$315.00

<b>Component Description:</b>	Provided bank account and other information required to enable reimbursement payments
<b>Amount:</b>	\$157.50

	<p><b>Component Description:</b></p> <p><b>Amount:</b></p> <p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Assist in preparation and filing of Schedule 399</p> <p>\$540.00</p> <p>Provided advice and counsel in connection with issues with and questions regarding reimbursement request and with technical problems with providing further information</p> <p>\$1,012.50</p>
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare request for Special Temporary Authorization	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>\$83,275.00</b>	<b>\$82,670.00</b>		<b>\$41,165.00</b>	
clearing at tower site	<i>\$5,885.00</i>	\$5,885.00	tower crew requires a staging area and that guy points be accessible by work trucks and equipment	\$5,885.00	N/A
building clean out	<i>\$16,500.00</i>	\$16,500.00	small transmitter room had to be cleared of old electrical, analog transmitter, large heat exchanger and duct work to have space for new repack equipment.	\$16,500.00	N/A

Move of backup tx to aux site	<b>\$20,100.00</b>	\$20,100.00	backup transmitter must be moved to and aux site to remain on air during tower mods. WXXV is using its studio STL tower for the aux site	\$18,780.00	N/A
MVPD Notification of Channel Change	<b>\$300.00</b>	\$300.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<b>\$300.00</b>	\$300.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<b>\$19,000.00</b>	\$19,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$8,000.00</b>	\$8,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Local Zoning	\$0.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$83,275.00	\$82,670.00	N/A	\$41,165.00	N/A
<b>Total for all systems</b>	\$3,080,743.24	\$2,805,186.24	N/A	\$1,331,737.81	N/A

## Components

Actual Information	
Description	File Name
clearing at tower site	<p><b>Component Description:</b> clearing at tower site, required by tower crew for tower mods</p> <p><b>Amount:</b> \$5,885.00</p>
building clean out	<p><b>Component Description:</b> Invoice 3401 building clean out to make room for new repack equipment</p> <p><b>Amount:</b> \$16,500.00</p>
Move of backup tx to aux site	<p><b>Component Description:</b> move of backup transmitter, electrical and antenna to aux site and install</p> <p><b>Amount:</b> \$18,780.00</p>

MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	Information not provided.
Local Zoning	Information not provided.



<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$3,080,743.24	\$2,805,186.24
			\$1,331,737.81

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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"> <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>Bobby Berry</b>  <i>Chief Operating Officer</i></p> <p>04/10/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</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>Bobby Berry</b>  <i>Chief Operating Officer</i></p> <p>04/10/2019</p>

## Attachments