



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **53905** | Service: **DTV** | Call **WYFF** | Channel: **30 (UHF)**  
ID: | Sign:  
File **0000026820**  
Number:  
FRN: **0001565050** | Date **07/10**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WYFF HEARST TELEVISION INC.</b> Doing Business As: WYFF HEARST TELEVISION INC.	P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300	mprak@brookspierce.com	Corporation

## 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
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<p>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.</p>	<p>No</p>
<p>Briefly describe transition plan</p>	<p>See attached transition plan document</p>

**Transmitters**

Section	Question	Response
<p><b>Transmitter Related Expenses</b></p>	<p>Do you have transmitter related expenses?</p>	<p>Yes</p>

**Auxiliary  
Transmitter****Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	backup to main tx
	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	CD3300P3
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	60 kW

**Auxiliary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<p><b>New Transmitter</b></p>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	62.9 kW
	Justification for New Transmitter	<p>Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.</p>

**Auxiliary  
Transmitter**

**Other Transmitter Costs**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical installation for Auxiliary /Backup transmitter
<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**

<b>Name</b>	<b>Description</b>
<b>RF Accessories</b>	miscellaneous RF components
<b>Transmitter shipping</b>	transmitter shipping
<b>Electrical Accessories</b>	Manufacturer required surge protection
<b>Sales Tax</b>	transmitter sales tax

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	CD3260P2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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	ULXTE-100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	62.9 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.



**Primary  
Transmitter**

**Other Transmitter Costs**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical installation for new main transmitter
<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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Transmitter shipping</b>	transmitter shipping
<b>Sales Tax</b>	transmitter sales tax
<b>RF Accessories</b>	Waveguide switches, RF load, miscellaneous RF components
<b>Electical accessories</b>	Manufacturer required surge protection
<b>Old trasmitter removal</b>	remove existing transmitter

**Antennas**

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

**Auxiliary  
Antenna**

**Add Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	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) .....	1000.0 kW

Manufacturer	
Model	TFU-24JSC-R04
Year	2008

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**Auxiliary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Auxiliary (Backup)
	Description of Use	emergency 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
<b>New Antenna Manufacturer and Types</b>	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) .....	1000.0 kW
	Manufacturer	

Model	TFU-24JSC-4 04 D30
Year	2018
Justification for New Antenna	Current antenna is channel specific (36) and cannot be retuned. Replacement antenna required for new channel (30).

**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?	Yes
<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
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**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>sales tax</b>	SC state sales tax
<b>Custom length line section</b>	Custom transmission line section required for installation
<b>Antenna Shipping</b>	antenna shipping



**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	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top 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) .....	1000.0 kW

Manufacturer	
Model	TFU- 26GTH-R- 04
Year	2009

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**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	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
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top 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) .....	884.0 kW
	Manufacturer	

Model	TFU-24GTH-R 04 D30
Year	2019
Justification for New Antenna	Current antenna is channel specific (36) and cannot be retuned. Replacement required for new channel (30).

**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?	Broadband
	Feed Line Size	6 1/8 inches inches
<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
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**Primary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Sales Tax</b>	antenna sales tax
<b>Antenna Shipping</b>	antenna shipping
<b>Custom length line piece</b>	custom length transmission line required for installation

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

**Primary Transmission Line**  
**Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission 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	1
	Length	950 feet per run

**Other Transmission Line Expenses Not Listed**

**Primary  
Transmission  
Line**

Name	Description
Line sweep	check line for use on post transition channel

**Existing Transmission Line**

**Auxiliary  
Transmission  
Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	line to backup antenna
	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	Dielectric
	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	650 feet per run

**Auxiliary  
Transmission  
Line**      **Other Transmission Line Expenses Not Listed**

Name	Description
Line sweep	test line for use on post transition channel



**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?	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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1052729
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 06' 43.0" N-
	Longitude (NAD83)	082° 36' 23.0" W-
	Overall Structure Height	862.85 feet
	Support Structure Height	808.39 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3085.92 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WYFF Hearst Television Inc.
Date Constructed	08/19/2009

**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
34390	WFBC-FM	FM

**Other Types of Users**

Users
Commercial 2way
Ham Radio
Public Safety

**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:	Serious Reinforcements needed

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Power line relocation	Electrical line relocation prerequisite for tower modifications
Tower Consulting	tower consulting and tower project management

**Outside Professional Services Costs**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<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	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
For Auxiliary Facility		Yes
For Main Facility		Yes
Prepare and file Form FCC License to Cover Application		Yes
For Auxiliary Facility		Yes
For Main Facility		Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	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	Yes
	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
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings

**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	No
	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)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Information not provided.

**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 ULXTE-100</b>	<b>\$2,164,218.48</b>	<b>\$2,139,158.48</b>		<b>\$530,945.30</b>	
Old trasmitter removal	<i>\$24,420.85</i>	\$24,420.85	Must remove transmitter to make room for replacement. Section F in GatesAir transmitter quote. Quote attached to transmitter cost.	N/A	N/A
Electical accessories	<i>\$3,884.98</i>	\$3,884.98	manufacturer required surge protection	N/A	N/A
RF Accessories	<i>\$86,457.29</i>	\$86,457.29	RF components required for transmitter operation. Section C in GatesAir transmitter quote.	N/A	N/A
Transmitter shipping	<i>\$17,300.00</i>	\$17,300.00	Transmitter shipping cost per GatesAir transmitter quote. See Quote attached to transmitter cost.	N/A	N/A



Other Electrical Service: Electrical installation for new main transmitter	<b><i>\$259,325.00</i></b>	\$259,325.00	Extensive electrical modification and equipment replacement required to convert from 480v to 208v. See attached quotes.	\$4,875.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$11,740.00	From GatesAir transmitter quote	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<b><i>\$1,623,992.36</i></b>	\$1,623,992.36	Quote for comparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.	\$526,070.30	N/A
Sales Tax	<b><i>\$112,038.00</i></b>	\$112,038.00	transmitter sales tax per attached GatesAir quote	N/A	N/A
<b>Auxiliary Transmitter ULXTE-100</b>	<b>\$2,066,621.24</b>	<b>\$2,041,561.24</b>		<b>\$521,522.05</b>	
Sales Tax	<b><i>\$106,407.00</i></b>	\$106,407.00	transmitter sales tax per attached GatesAir quote	N/A	N/A

Electrical Accessories	<b><i>\$3,884.98</i></b>	\$3,884.98	manufacturer required surge protection	N/A	N/A
Transmitter shipping	<b><i>\$17,300.00</i></b>	\$17,300.00	shipping cost per GatesAir transmitter quote	N/A	N/A
Other Electrical Service: Electrical installation for Auxiliary /Backup transmitter	<b><i>\$255,325.00</i></b>	\$255,325.00	Extensive electrical modification and equipment replacement required to convert from 480v to 208v. See attached quotes.	\$4,875.00	N/A
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<b><i>\$1,628,793.76</i></b>	\$1,628,793.76	Quote for comparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.	\$516,647.05	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$11,740.00	From GatesAir transmitter quote	N/A	N/A

RF Accessories	<b>\$18,110.50</b>	\$18,110.50	RF components required for transmitter operation per GatesAir auxiliary transmitter quote.	N/A	N/A
<b>Sub-total</b>	\$4,230,839.72	\$4,180,719.72	N/A	\$1,052,467.35	N/A
<b>Total for all systems</b>	\$6,165,460.96	\$5,585,367.46	N/A	\$1,933,473.27	N/A

### Components

Actual Information	
Description	File Name
Old trasmitter removal	Information not provided.
Electical accessories	Information not provided.
RF Accessories	Information not provided.
Transmitter shipping	Information not provided.
Other Electrical Service: Electrical installation for new main transmitter	<p><b>Component Description:</b> WYFF electrical design for new main transmitter</p> <p><b>Amount:</b> \$4,875.00</p>
Transformer 3 phase/480v - 300 KVA	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<p><b>Component Description:</b> Main transmitter 2nd deposit</p> <p><b>Amount:</b> \$338,551.86</p> <p><b>Component Description:</b> Main transmitter 1st deposit</p> <p><b>Amount:</b> \$187,518.44</p>

Sales Tax	Information not provided.
Sales Tax	Information not provided.
Electrical Accessories	Information not provided.
Transmitter shipping	Information not provided.
Other Electrical Service: Electrical installation for Auxiliary/Backup transmitter	<p><b>Component Description:</b> WYFF electrical design for auxiliary transmitter</p> <p><b>Amount:</b> \$4,875.00</p>
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<p><b>Component Description:</b> Aux transmitter 2nd deposit</p> <p><b>Amount:</b> \$338,551.85</p> <p><b>Component Description:</b> Aux transmitter 1st deposit</p> <p><b>Amount:</b> \$178,095.20</p>
Transformer 3 phase/480v - 300 KVA	Information not provided.
RF Accessories	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
<b>Primary Antenna TFU-24GTH-R 04 D30</b>	<b>\$289,619.00</b>	<b>\$232,479.00</b>		<b>\$98,693.55</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$193,592.00	N/A	\$98,693.55	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$10,298.00	N/A	N/A	N/A
Sales Tax	<i>\$13,159.00</i>	\$13,159.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A

Antenna Shipping	<b><i>\$7,447.00</i></b>	\$7,447.00	antenna shipping per vendor quote	N/A	N/A
Custom length line piece	<b><i>\$1,583.00</i></b>	\$1,583.00	custom transmitter line section required for antenna operation per Dielectric quote	N/A	N/A
<b>Auxiliary Antenna TFU-24JSC-4 04 D30</b>	<b>\$195,565.10</b>	<b>\$189,605.10</b>		<b>\$80,492.90</b>	
Custom length line section	<b><i>\$1,582.50</i></b>	\$1,582.50	custom transmission line section required for antenna operation per Dielectric quote	N/A	N/A
sales tax	<b><i>\$10,732.00</i></b>	\$10,732.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	<b><i>\$147,313.60</i></b>	\$147,313.60	Antenna cost per Dielectric quote	\$80,492.90	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$17,520.00	N/A	N/A	N/A
Antenna Shipping	<i>\$6,057.00</i>	\$6,057.00	shipping per Dielectric quote attached	N/A	N/A
<b>Sub-total</b>	\$485,184.10	\$422,084.10	N/A	\$179,186.45	N/A
<b>Total for all systems</b>	\$6,165,460.96	\$5,585,367.46	N/A	\$1,933,473.27	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<p><b>Component Description:</b> WYFF Dielectric Main Antenna Payments 1 and 2 equals 45%</p> <p><b>Amount:</b> \$98,693.55</p>
Sweep test of existing antenna	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sales Tax	Information not provided.
Antenna Shipping	Information not provided.
Custom length line piece	Information not provided.

Custom length line section	Information not provided.
sales tax	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	<p><b>Component Description:</b> WYFF Dielectric Auxiliary Antenna  payment 10% down and 35% with order equals 45% of items total  178873.10</p> <p><b>Amount:</b> \$80,492.90</p>
Sweep test of existing antenna	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Antenna Shipping	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
<b>Primary Transmission Line</b>	<b>\$1,500.00</b>	<b>\$1,500.00</b>		<b>\$1,500.00</b>	
Line sweep	<i>\$1,500.00</i>	\$1,500.00	test line for operation on post transition channel	\$1,500.00	N/A
<b>Auxiliary Transmission Line</b>	<b>\$3,000.00</b>	<b>\$3,000.00</b>		<b>\$3,000.00</b>	
Line sweep	<i>\$3,000.00</i>	\$3,000.00	test auxiliary transmission line for operation on post transition channel	\$3,000.00	N/A
<b>Sub-total</b>	<b>\$4,500.00</b>	<b>\$4,500.00</b>	N/A	<b>\$4,500.00</b>	N/A
<b>Total for all systems</b>	<b>\$6,165,460.96</b>	<b>\$5,585,367.46</b>	N/A	<b>\$1,933,473.27</b>	N/A

**Components**

Actual Information	
Description	File Name
Line sweep	<p><b>Component Description:</b> WYFF main transmission line sweep</p> <p><b>Amount:</b> \$1,500.00</p>

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Line sweep

**Component Description:**

WYFF auxiliary  
transmission line  
sweep and report

**Amount:**

\$3,000.00

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**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>\$1,316,061.14</b>	<b>\$857,152.64</b>		<b>\$672,958.47</b>	
Serious tower reinforcement /modifications	\$1,052,000.00	\$595,060.00	See attached tower modification quote from TCI	\$516,811.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$24,865.00	TCI and Bunnell-Lammons quotes provided	\$24,865.00	N/A
Tower Consulting	<i>\$3,750.00</i>	\$3,750.00	tower consulting estimate - quote attached	\$2,788.00	N/A
Power line relocation	<i>\$23,511.14</i>	\$23,511.14	Relocation of electrical lines is a prerequisite for tower modifications. See attached quote.	\$23,511.22	Not sure why the invoice is 8 cents more than the quote.

Tall Tower (greater than 500')	\$210,500.00	\$209,966.50	Antenna services see TCI-17-014C - WYFF Greenville SC - Ant.pdf	\$104,983.25	N/A
<b>Sub-total</b>	\$1,316,061.14	\$857,152.64	N/A	\$672,958.47	N/A
<b>Total for all systems</b>	\$6,165,460.96	\$5,585,367.46	N/A	\$1,933,473.27	N/A

## Components

Actual Information	
Description	File Name
Serious tower reinforcement/modifications	<p><b>Component Description:</b> WYFF portion of TCI tower modifications deposit. This and TCI invoice 8242 comprise the 50% down payment per quote payment terms.</p> <p><b>Amount:</b> \$54,000.00</p>
	<p><b>Component Description:</b> WYFF three guy wire anchor fence modifications</p> <p><b>Amount:</b> \$4,266.00</p>
	<p><b>Component Description:</b> WYFF tower crew weather days 2</p> <p><b>Amount:</b> \$22,425.00</p>
	<p><b>Component Description:</b> WYFF tower crew weather days 1</p> <p><b>Amount:</b> \$23,575.00</p>

**Component Description:** WYFF tower site and guy wire clearing. Required for tower modifications including guy wire replacements.

**Amount:** \$20,250.00

**Component Description:** Tower modification 50% initial payment less deposit. See attached quote "TCI-17-014B - WYFF Greenville SC - Mod 10.12.17. pdf". Also see "WYFF TCI down payment explanation.pdf".

**Amount:** \$243,530.00

**Component Description:** WYFF credit memo for duplicate reimbursement. Entered as per instructions from E&Y Jay Warden.

**Amount:** (\$54,000.00)

**Component Description:** Tower modification 25% mobilizations payment. See attached quote "TCI-17-014B - WYFF Greenville SC - Mod 10.12.17. pdf"

**Amount:** \$148,765.00

	<p><b>Component Description:</b> WYFF TCI MOU tower mod deposit. See attached MOU "TCI MOU 8-28-17 TCI.PDF" for support. Also see "WYFF TCI down payment explanation.pdf"</p> <p><b>Amount:</b> \$54,000.00</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p><b>Component Description:</b> WYFF tower mapping and feasibility analysis 2</p> <p><b>Amount:</b> \$9,140.00</p> <p><b>Component Description:</b> WYFF tower mapping and feasibility analysis 1</p> <p><b>Amount:</b> \$9,140.00</p> <p><b>Component Description:</b> WYFF tower geotechnical exploration</p> <p><b>Amount:</b> \$6,585.00</p>
<p>Tower Consulting</p>	<p><b>Component Description:</b> WYFF tower consulting</p> <p><b>Amount:</b> \$2,788.00</p>
<p>Power line relocation</p>	<p><b>Component Description:</b> Duke Energy invoice for power line relocation. Supporting quote provided.</p> <p><b>Amount:</b> \$23,511.22</p>

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Tall Tower (greater than  
500')

**Component Description:**

WYFF antenna  
services 50%  
deposit

**Amount:**

\$104,983.25

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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>\$81,491.00</b>	<b>\$78,086.00</b>		<b>\$24,361.00</b>	
Transmitter Site Survey	<i>\$21,836.00</i>	\$21,836.00	transmitter site survey per attached quote	\$21,836.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	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 - 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	\$2,050.00	\$1,500.00	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	\$1,500.00	N/A	N/A	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	\$1,875.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$650.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$81,491.00	\$78,086.00	N/A	\$24,361.00	N/A
<b>Total for all systems</b>	\$6,165,460.96	\$5,585,367.46	N/A	\$1,933,473.27	N/A

## Components

Actual Information	
Description	File Name
Transmitter Site Survey	<p><b>Component Description:</b> WYFF GatesAir Site Survey</p> <p><b>Amount:</b> \$21,836.00</p>
RF Exposure Measurements	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	Information not provided.
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	<p><b>Component Description:</b> WYFF RF consulting - CP engineering prep</p> <p><b>Amount:</b> \$1,875.00</p>

<p>Perform engineering study for new channel assignment and antenna development</p>	<p><b>Component Description:</b> WYFF RF consulting - engineering study for new channel</p> <p><b>Amount:</b> \$275.00</p> <p><b>Component Description:</b> WYFF RF consulting - engineering study for new channel 2</p> <p><b>Amount:</b> \$375.00</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>

**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>\$47,385.00</b>	<b>\$42,825.00</b>		<b>\$0.00</b>	
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	Attorney assistance in coordinating MVPD notification	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	Estimate for 1 year of antenna storage. See attached Dielectric document.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$47,385.00</b>	<b>\$42,825.00</b>	N/A	<b>\$0.00</b>	N/A
<b>Total for all systems</b>	<b>\$6,165,460.96</b>	<b>\$5,585,367.46</b>	N/A	<b>\$1,933,473.27</b>	N/A

## **Components**

Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$6,165,460.96	\$5,585,367.46	\$1,933,473.27

**Reimbursement Status**

<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
	<p><b>Submission of Estimated Expenses Statements</b></p>	<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.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**John Drain**  
*Hearst  
Television  
SVP Chief  
Financial  
Officer*

07/10/2018

Certification	Section	Question	Response
	<b>Submission of Actual Cost Documentation Statements</b>	<p>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).</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.</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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Douglas Durkee**  
*Hearst Television  
Manager of  
Spectrum  
Repack*

07/10/2018

## Attachments