



(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 **04/18**
 Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WYFF HEARST TELEVISION INC.	P.O. BOX 1800	+1 (919) 839-0300	mprak@brookspierce.com	Corporation
Doing Business As:	RALEIGH, NC 27602			
WYFF HEARST TELEVISION INC.	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
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>Transmitter Related Expenses</p>	<p>Do you have transmitter related expenses?</p>	<p>Yes</p>

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

Section	Question	Response
Existing Transmitter Description	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
Existing Transmitter Manufacturer and Type	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>New Transmitter</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

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical installation for Auxiliary /Backup transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Auxiliary
Transmitter**

Other Transmitter Cost Not Listed

Name	Description
Transmitter installation incidentals	equipment and other items required for transmitter installation
Transmitter shipping	transmitter shipping
de-install	remove old transmitter to make room for new
Electrical Accessories	Manufacturer required surge protection
RF Accessories	miscellaneous RF components
Change Orders	changes to transmitter order

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	CD3260P2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
<p>New Transmitter</p>	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	<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>

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical installation for new main transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary
Transmitter**

Other Transmitter Cost Not Listed

Name	Description
Old trasmitter removal	remove existing transmitter
Transmitter shipping	transmitter shipping
de-install	remove old transmitter to make room for new
Electical accessories	Manufacturer required surge protection
RF Accessories	Waveguide switches, RF load, miscellaneous RF components

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	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

**Auxiliary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	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
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)	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
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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**Auxiliary
Antenna**

Other Antenna Cost Not Listed

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

**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	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

**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	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
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

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

Other Antenna Cost Not Listed

Name	Description
Antenna Shipping	antenna shipping
Sales Tax	antenna sales tax
Custom length line piece	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
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	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
Public Safety
Ham Radio
Commercial 2way

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	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

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application
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
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings
Non-Catalog legal expenses	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	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
Primary Transmitter ULXTE-100	\$2,077,180.48	\$2,052,120.48		\$1,080,063.99	
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
Electical accessories	<i>\$3,884.98</i>	\$3,884.98	manufacturer required surge protection	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
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

Other Electrical Service: Electrical installation for new main transmitter	<i>\$259,325.00</i>	\$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
de-install	<i>\$25,000.00</i>	\$25,000.00	estimated cost of old transmitter removal	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<i>\$1,623,992.36</i>	\$1,623,992.36	Quote for comparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.	\$1,075,188.99	N/A
Auxiliary Transmitter ULXTE-100	\$2,109,126.60	\$2,084,066.60		\$2,010,049.43	
Change Orders	<i>\$5,000.00</i>	\$5,000.00	estimate of change orders	(\$33,104.91)	N/A

RF Accessories	<i>\$134,862.51</i>	\$134,862.51	RF components required for transmitter operation per GatesAir auxiliary transmitter quote.	\$134,862.51	N/A
Electrical Accessories	<i>\$3,884.98</i>	\$3,884.98	manufacturer required surge protection	\$3,884.98	N/A
de-install	<i>\$22,660.35</i>	\$22,660.35	de-install per GA quote	\$22,660.35	N/A
Transmitter shipping	<i>\$17,300.00</i>	\$17,300.00	shipping cost per GatesAir transmitter quote	\$13,370.95	N/A
Transmitter installation incidentals	<i>\$4,500.00</i>	\$4,500.00	estimated additional transmitter installation costs	\$4,394.89	N/A
Other Electrical Service: Electrical installation for Auxiliary /Backup transmitter	<i>\$255,325.00</i>	\$255,325.00	Extensive electrical modification and equipment replacement required to convert from 480v to 208v. See attached quotes.	\$255,325.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$11,740.00	From GatesAir transmitter quote	\$11,740.00	N/A

UHF - Liquid Cooled Solid State Transmitter 62.9 kW	\$1,628,793.76	\$1,628,793.76	Quote for comparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.	\$1,596,915.66	N/A
Sub-total	\$4,186,307.08	\$4,136,187.08	N/A	\$3,090,113.42	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

Actual Information	
Description	File Name
RF Accessories	Information not provided.
Electical accessories	Information not provided.
Transmitter shipping	Information not provided.
Old trasmitter removal	Information not provided.
Other Electrical Service: Electrical installation for new main transmitter	<p>Component Description: WYFF electrical design for new main transmitter</p> <p>Amount: \$4,875.00</p>
Transformer 3 phase/480v - 300 KVA	Information not provided.
de-install	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<p>Component Description: WYFF Main (1) transmitter prior to shipment</p> <p>Amount: \$549,118.69</p> <p>Component Description: Main transmitter 2nd deposit</p> <p>Amount: \$338,551.86</p> <p>Component Description: Main transmitter 1st deposit</p> <p>Amount: \$187,518.44</p>
Change Orders	<p>Component Description: WYFF transmitter change order 2 Q-79170</p> <p>Amount: \$6,400.87</p> <p>Component Description: WYFF transmitter change order 1 Q-77705</p> <p>Amount: (\$39,458.61)</p> <p>Component Description: WYFF transmitter change order 3 Q-79337</p> <p>Amount: (\$47.17)</p>
RF Accessories	<p>Component Description: WYFF transmitter RF accessories</p> <p>Amount: \$134,862.51</p>

Electrical Accessories	<p>Component Description: WYFF transmitter electrical surge suppressors</p> <p>Amount: \$3,884.98</p>
de-install	<p>Component Description: WYFF transmitter de-install</p> <p>Amount: \$22,660.35</p>
Transmitter shipping	<p>Component Description: WYFF transmitter shipping</p> <p>Amount: \$13,370.95</p>
Transmitter installation incidentals	<p>Component Description: WYFF equipment rental for transmitter installation</p> <p>Amount: \$4,394.89</p>
Other Electrical Service: Electrical installation for Auxiliary/Backup transmitter	<p>Component Description: WYFF transmitter 2 electrical installation 2</p> <p>Amount: \$187,837.50</p> <p>Component Description: WYFF electrical design for auxiliary transmitter</p> <p>Amount: \$4,875.00</p> <p>Component Description: WYFF transmitter 2 installation electrical payment 1</p> <p>Amount: \$62,612.50</p>

Transformer 3 phase/480v - 300 KVA	<p>Component Description: WYFF transmitter electrical transformer</p> <p>Amount: \$11,740.00</p>
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<p>Component Description: WYFF transmitter and mask filters - FCC definition of "transmitter" is transmitter, mask filter and installation</p> <p>Amount: \$363,564.92</p>
	<p>Component Description: WYFF transmitter installation and proof - FCC definition of "transmitter" is transmitter, mask filter and installation</p> <p>Amount: \$119,965.44</p>
	<p>Component Description: WYFF transmitter 2 prior to shipment</p> <p>Amount: \$596,738.25</p>
	<p>Component Description: Aux transmitter 1st deposit</p> <p>Amount: \$178,095.20</p>
	<p>Component Description: Aux transmitter 2nd deposit</p> <p>Amount: \$338,551.85</p>

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 TFU-24GTH-R 04 D30	\$267,430.00	\$219,319.00		\$197,387.10	
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	N/A	N/A	N/A
Antenna Shipping	<i>\$0.00</i>	\$0.00	antenna shipping per vendor quote	N/A	N/A
Custom length line piece	<i>\$0.00</i>	\$0.00	custom transmitter line section required for antenna operation per Dielectric quote	N/A	N/A

Sales Tax	<i>\$0.00</i>	\$0.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$219,319.00	N/A	\$197,387.10	N/A
Auxiliary Antenna TFU-24JSC-4 04 D30	\$208,753.10	\$178,873.10		\$160,985.80	
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
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	<i>\$178,873.10</i>	\$178,873.10	Antenna cost per Dielectric quote	\$160,985.80	N/A

Custom length line section	<i>\$0.00</i>	\$0.00	custom transmission line section required for antenna operation per Dielectric quote	N/A	N/A
sales tax	<i>\$0.00</i>	\$0.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A
Antenna Shipping	<i>\$0.00</i>	\$0.00	shipping per Dielectric quote attached	N/A	N/A
Sub-total	\$476,183.10	\$398,192.10	N/A	\$358,372.90	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Antenna Shipping	Information not provided.
Custom length line piece	Information not provided.
Sales Tax	Information not provided.

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized</p>	<p>Component Description: WYFF main antenna 45% prior to ship</p> <p>Amount: \$98,693.55</p> <p>Component Description: WYFF Dielectric Main Antenna Payments 1 and 2 equals 45%</p> <p>Amount: \$98,693.55</p>
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>
<p>UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized</p>	<p>Component Description: WYFF auxiliary antenna 45% payment prior to ship</p> <p>Amount: \$80,492.90</p> <p>Component Description: WYFF Dielectric Auxiliary Antenna payment 10% down and 35% with order equals 45% of items total 178873.10</p> <p>Amount: \$80,492.90</p>
<p>Custom length line section</p>	<p>Information not provided.</p>
<p>sales tax</p>	<p>Information not provided.</p>
<p>Antenna Shipping</p>	<p>Information not provided.</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	\$1,500.00	\$1,500.00		\$1,500.00	
Line sweep	<i>\$1,500.00</i>	\$1,500.00	test line for operation on post transition channel	\$1,500.00	N/A
Auxiliary Transmission Line	\$3,000.00	\$3,000.00		\$3,000.00	
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
Sub-total	\$4,500.00	\$4,500.00	N/A	\$4,500.00	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

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

Line sweep

Component Description:

WYFF auxiliary
transmission line
sweep and report

Amount:

\$3,000.00

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 TOWER	\$1,316,061.14	\$930,223.37		\$824,278.20	
Serious tower reinforcement /modifications	\$1,052,000.00	\$668,130.73	See attached TCI tower modification quote, weather days invoices and change order 3 and other tower mod invoices	\$668,130.73	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
Sub-total	\$1,316,061.14	\$930,223.37	N/A	\$824,278.20	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

Actual Information	
Description	File Name
Serious tower reinforcement/modifications	<p>Component Description: WYFF three guy wire anchor fence modifications</p> <p>Amount: \$4,266.00</p>
	<p>Component Description: Tower modification 25% mobilizations payment. See attached quote "TCI-17-014B - WYFF Greenville SC - Mod 10.12.17. pdf"</p> <p>Amount: \$148,765.00</p>
	<p>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".</p> <p>Amount: \$243,530.00</p>

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

Amount: \$20,250.00

Component Description: WYFF tower modification permit

Amount: \$2,554.73

Component Description: 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"

Amount: \$54,000.00

Component Description: WYFF tower crew weather days 2

Amount: \$22,425.00

Component Description: WYFF portion of TCI tower modifications deposit. This and TCI invoice 8242 comprise the 50% down payment per quote payment terms.

Amount: \$54,000.00

	<p>Component Description: WYFF credit memo for duplicate reimbursement. Entered as per instructions from E&Y Jay Warden.</p> <p>Amount: (\$54,000.00)</p> <p>Component Description: WYFF tower modification completion</p> <p>Amount: \$148,765.00</p> <p>Component Description: WYFF tower crew weather days 1</p> <p>Amount: \$23,575.00</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p>Component Description: WYFF tower mapping and feasibility analysis 1</p> <p>Amount: \$9,140.00</p> <p>Component Description: WYFF tower mapping and feasibility analysis 2</p> <p>Amount: \$9,140.00</p> <p>Component Description: WYFF tower geotechnical exploration</p> <p>Amount: \$6,585.00</p>
<p>Tower Consulting</p>	<p>Component Description: WYFF tower consulting</p> <p>Amount: \$2,788.00</p>

Power line relocation	<p data-bbox="707 174 1010 208">Component Description:</p> <p data-bbox="1145 174 1348 365">Duke Energy invoice for power line relocation. Supporting quote provided.</p> <p data-bbox="707 376 815 409">Amount:</p> <p data-bbox="1145 376 1278 409">\$23,511.22</p>
Tall Tower (greater than 500')	<p data-bbox="707 551 1010 584">Component Description:</p> <p data-bbox="1145 551 1326 663">WYFF antenna services 50% deposit</p> <p data-bbox="707 667 815 701">Amount:</p> <p data-bbox="1145 667 1294 701">\$104,983.25</p>

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	\$101,491.00	\$98,276.02		\$39,727.01	
Non-Catalog legal expenses	<i>\$20,000.00</i>	\$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition-related issues	\$10,575.02	N/A
Transmitter Site Survey	<i>\$21,836.00</i>	\$21,836.00	transmitter site survey per attached quote	\$21,836.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,690.02	see invoice	\$0.00	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	\$2,551.63	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,239.36	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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$101,491.00	\$98,276.02	N/A	\$39,727.01	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

Actual Information	
Description	File Name
Non-Catalog legal expenses	Component Description: WYFF non-catalog legal 1 Amount: \$6,885.00
	Component Description: WYFF non-catalog legal 2 Amount: \$3,690.02
	Component Description: WYFF GatesAir Site Survey Amount: \$21,836.00
	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.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: WYFF Prepare and File FCC Form 2100, Construction Permit Application 2</p> <p>Amount: \$1,054.53</p> <p>Component Description: WYFF Prepare and File FCC Form 2100, Construction Permit Application</p> <p>Amount: \$1,497.10</p>
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: WYFF RF consulting - CP engineering prep</p> <p>Amount: \$1,875.00</p>

<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Component Description: WYFF RF consulting - engineering study for new channel</p> <p>Amount: \$275.00</p> <p>Component Description: WYFF RF consulting - engineering study for new channel 2</p> <p>Amount: \$375.00</p>
<p>Prepare and or review reimbursement form</p>	<p>Component Description: WYFF Prepare and /or review reimbursement Form 399</p> <p>Amount: \$1,939.30</p> <p>Component Description: WYFF Prepare and /or review reimbursement Form 399-2</p> <p>Amount: \$300.06</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>
<p>RF Exposure Measurements</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
Other Expenses	\$54,885.00	\$50,325.00		\$17,365.35	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$5,000.00</i>	\$5,000.00	estimate for disposal costs due to transmitter installations and removals	\$3,005.60	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	Attorney assistance in coordinating MVPD notification and notification service	\$2,988.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	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.	\$7,102.95	N/A

Develop and air announcement of upcoming channel change	\$2,500.00	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	\$4,268.80	N/A
Sub-total	\$54,885.00	\$50,325.00	N/A	\$17,365.35	N/A
Total for all systems	\$6,139,427.32	\$5,617,703.57	N/A	\$4,334,356.88	N/A

Components

Actual Information	
Description	File Name
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: WYFF waste disposal 3
	Amount: \$1,082.00
	Component Description: WYFF waste disposal 1
	Amount: \$1,286.85
	Component Description: WYFF waste disposal 2
	Amount: \$636.75
MVPD Notification of Channel Change	Component Description: WYFF MVPD notification letters Amount: \$2,988.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

Equipment Storage	<p>Component Description: WYFF transmitter 2 local storage and delivery</p> <p>Amount: \$7,102.95</p>
Develop and air announcement of upcoming channel change	Information not provided.
DTV Medical Facility Notification	<p>Component Description: WYFF medical notification letters</p> <p>Amount: \$4,268.80</p>

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$6,139,427.32	\$5,617,703.57	\$4,334,356.88

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

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

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

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*

04/18/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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*

04/18/2019

Attachments