

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	53905	Service: DTV	Call Sign:	WYFF	Channel: 30 (UHF)
File	00000	26820			
Number:					
FRN: 00	01565050	Date	01/10		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
WYFF HEARST TELEVISION INC. 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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	ontact Applicant Address Pho			
Contact Information	Applicant	Address	s Phone Email	
	The Preparer is same as the reimbursement contact.			

Broadcaster	Question	Response
Information		
and		
Transition		
Plan		

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	See attached transition plan document

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

Auxiliary	Existing Transmitter Information				
Transmitter	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			
	Manufacturer and Type	Model	CD3300P3		
		Type Indu	2002		
			Inductive Output Tube		
		IOT Power Type	Three		
		Power Capacity	60 kW		

Auxiliary	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	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	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.		

Auxiliary	Other Transmitter Costs			
Transmitter	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	
		Туре	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 leashold 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	Other Transmitter Cost Not Listed		
Transmitter	Name	Description	
	Transmitter shipping	transmitter shipping	
	Electrical Accessories	Manufacturer reqired surge protection	
	Sales Tax	transmitter sales tax	
	RF Accessories	miscellaneous RF components	

Primary	Existing Transmitter Information			
Transmitter	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		
	Manufacturer and Type	Model	CD3260P2	
		Year	2008	
		Туре	Inductive Output Tube	
		IOT Power Type	Тwo	
		Power Capacity	60 kW	

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	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	Other Transmitter Costs			
Transmitter	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	
		Туре	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 leashold 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	

Other Transmitter Cost Not Listed

Primary Transmitter

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

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Auxiliary	Existing Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Auxiliary (Backup)	
		Description of Use	emergency backup	
		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	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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

Antenna	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	Class	Full Power
	Manufacturer and Type	es Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	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)	400.0 kW
		Manufacturer	

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

Auxiliary Other Antenna Costs

/ axinal y	
Antenna	

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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	Yes
	transmission line and antenna?	

Auxiliary
Antenna Other Antenna Cost Not Listed Name Description Custom length line piece Custom transmission line section required for installation Sales Tax antenna sales tax Antenna Shipping antenna shipping

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	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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

ntenna	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	Class	Full Power
Manufacturer and Typ	Manufacturer and Types	Mounting	Top Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	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 Other Antenna Costs

Antenna	Section	Question	Response
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
		Туре	
		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	Yes
	transmission line and antenna?	

Primary Antenna

Other Antenna Cost Not Listed

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

Transmission Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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

Primary	Existing Tower			
I	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	Do you have a tower registration number?	Yes	
Registration Coordinates (<u>NAD83 (</u> North American Datum of 1983))	Registration	ASR Number	1052729	
	North American Datum of	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 fee
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 Modification Costs

Tower

SectionQuestionResponseEngineering StudyPlease what type of engineering study is
required, if any:Study needed
for documented
tower

Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious Reinforcements needed
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Primary	Tower Rigging Costs		
Tower	Section	Question	Response
	Tower Rigging Costs	Complex Tower	N/A
	Helicopter Services Required	Are helicopter services required?	No

Primary	Other Tower Expenses Not Listed				
Tower	Name	Description			
	Tower Consulting	tower consulting and tower project management			

Outside	Section	Question	Response
Professional	Services Costs 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	Prepare and file Form FCC Construction Permit Application	Yes
	Services	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 Other Professional Services Expenses Not Listed

Professional	Services Costs	Description	
	Transmitter Site Survey	Transmitter planning survey & transmitter building drawings	

Other	Section	Question	Response
Expenses	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)?	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 Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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

Description Primary	Predetermined Cost Estimate \$2,276,147.00	Estimated Cost \$2,251,087.00	Estimated Cost Justification	Actual Cost \$526,070.30	Actual Cost Justification
Transmitter ULXTE-100					
Transmitter shipping	\$17,300.00	\$17,300.00	Transmitter shipping cost per GatesAir transmitter quote. See Quote attached to transmitter cost.	N/A	N/A
Old trasmitter removal	\$25,489.00	\$25,489.00	Must remove transmitter to make room for replacement. Section F in GatesAir transmitter quote. Quote attached to transmitter cost.	N/A	N/A
RF Accessories	\$86,457.00	\$86,457.00	RF components required for transmitter operation. Section C in GatesAir transmitter quote.	N/A	N/A

Auxiliary Transmitter ULXTE-100	\$2,172,680.00	\$2,147,620.00		\$516,647.05	
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$11,740.00	From GatesAir transmitter quote	N/A	N/A
Electical accessories	\$3,885.00	\$3,885.00	manufacturer required surge protection	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	\$1,739,728.00	\$1,739,728.00	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
Other Electrical Service: Electrical installation for new main transmitter	\$254,450.00	\$254,450.00	GatesAir quote Extensive electrical modification and equipment replacement replacement required to convert from 480v to 208v. See attached quote.	N/A	N/A
Sales Tax	\$112,038.00	\$112,038.00	transmitter sales tax per attached GatesAir	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 62.9 kW	\$1,739,728.00	\$1,739,728.00	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
Other Electrical Service: Electrical installation for Auxiliary /Backup transmitter	\$250,450.00	\$250,450.00	Extensive electrical modification and equipment replacement required to convert from 480v to 208v. See attached quote.	N/A	N/A
Electrical Accessories	\$3,885.00	\$3,885.00	manufacturer required surge protection	N/A	N/A
Transmitter shipping	\$17,300.00	\$17,300.00	shipping cost per GatesAir transmitter quote	N/A	N/A

RF Accessories	\$18,110.00	\$18,110.00	RF components required for transmitter operation per GatesAir auxiliary transmitter quote.	N/A	N/A
Sales Tax	\$106,407.00	\$106,407.00	transmitter sales tax per attached GatesAir quote	N/A	N/A
Sub-total	\$4,448,827.00	\$4,398,707.00	N/A	\$1,042,717.35	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,460,776.90	N/A

Components

Actual Information Description	File Name	
Transmitter shipping	Information not provided.	
Old trasmitter removal	Information not provided.	
RF Accessories	Information not provided.	
Sales Tax	Information not provided.	
Other Electrical Service: Electrical installation for new main transmitter	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	Component Description: Amount:	Main transmitter 2nd deposit \$338,551.86
	Component Description:	Main transmitter
		1st denosit
	Amount:	1st deposit \$187,518.44

Transformer 3 phase/480v - 300 KVA	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	Component Description: Amount:	Aux transmitte 1st deposit \$178,095.20
	Component Description: Amount:	Aux transmitte 2nd deposit \$338,551.85
Transformer 3 phase/480v - 300 KVA	Information not provided.	
Other Electrical Service: Electrical installation for Auxiliary/Backup transmitter	Information not provided.	
Electrical Accessories	Information not provided.	
Transmitter shipping	Information not provided.	
RF Accessories	Information not provided.	
Sales Tax	Information not provided.	

Antennas

Cost Information

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

Description Primary	Predetermined Cost Estimate \$289,619.00	Estimated Cost \$232,479.00	Estimated Cost Justification	Actual Cost \$98,693.55	Actual Cost Justification
Antenna TFU- 24GTH-R 04 D30					
Antenna Shipping	\$7,447.00	\$7,447.00	antenna shipping per vendor quote	N/A	N/A
Custom length line piece	\$1,583.00	\$1,583.00	custom transmitter line section required for antenna operation per Dielectric quote	N/A	N/A
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	\$13,159.00	\$13,159.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A
Auxiliary Antenna TFU-24JSC- 4 04 D30	\$237,752.00	\$189,605.60		\$0.00	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$147,313.60	N/A	N/A	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	\$23,150.00	\$17,520.00	N/A	N/A	N/A

Custom length line piece	\$1,583.00	\$1,583.00	custom transmitter line section required for antenna operation per Dielectric quote	N/A	N/A
Antenna Shipping	\$6,057.00	\$6,057.00	antenna shipping per vendor quote	N/A	N/A
Sales Tax	\$10,732.00	\$10,732.00	estimated antenna sales tax based on South Carolina state sales tax rate of 6%	N/A	N/A
Sub-total	\$527,371.00	\$422,084.60	N/A	\$98,693.55	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,460,776.90	N/A

Components

Actual Information Description	File Name		
Antenna Shipping	Information not provided.		
Custom length line piece	Information not provided.		
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	WYFF Dielectric Main Antenna Payments 1 and	
	Amount:	2 equals 45% \$98,693.55	
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.
	UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.
	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.
	Custom length line piece	Information not provided.
	Antenna Shipping	Information not provided.
	Sales Tax	Information not provided.

Cost Transmission Line

Information Information not provided.

Tower Equipment and Rigging Costs

Cost Information

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	\$1,278,850.00	\$810,810.00		\$297,530.00	
Serious tower reinforcement /modifications	\$1,052,000.00	\$595,060.00	See attached tower modification quote from TCI	\$297,530.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Tower Consulting	\$3,750.00	\$3,750.00	tower consulting estimate - quote attached	N/A	N/A
Sub-total	\$1,278,850.00	\$810,810.00	N/A	\$297,530.00	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,460,776.90	N/A

Components

Actual Information Description	File Name	
Serious tower reinforcement /modifications	Component Description:	Tower modification 50% initial payment
		Iess deposit. See attached quote "TCI-17-014B - WYFF Greenville SC - Mod
		10.12.17.pdf". Also see "WYFF TCI down
	Amount:	payment explanation.pdf". \$243,530.00
	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
	Amount:	payment explanation.pdf" \$54,000.00
Tall Tower (greater than 500')	Information not provided.	
Structural engineering tower load study for well documented tower	Information not provided.	
Tower Consulting	Information not provided.	

Outside Professional Services

Cost Information

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

Description Outside Professional Services	Predetermined Cost Estimate \$81,491.00	Estimated Cost \$78,086.00	Estimated Cost Justification	Actual Cost \$21,836.00	Actual Cost Justification
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	N/A	N/A
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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	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
Transmitter Site Survey	\$21,836.00	\$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
Sub-total	\$81,491.00	\$78,086.00	N/A	\$21,836.00	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,460,776.90	N/A

Components

Actual Information Description	File Name
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	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Transmitter Site Survey		
Transmitter Site Survey	Component Description: Amount:	WYFF GatesAir Site Survey \$21,836.00
Transmitter Site Survey RF Exposure Measurements		Site Survey
	Amount:	Site Survey
RF Exposure Measurements Attorney Fees - Prepare and File request for Special	Amount:	Site Survey
RF Exposure Measurements Attorney Fees - Prepare and File request for Special Temporary Authorization Attorney Fees -Prepare and File FCC Form 2100 (main),	Amount: Information not provided. Information not provided.	Site Survey

Other Expenses

Cost Information

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	\$47,385.00	\$42,825.00		\$0.00	
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	Attorney assistance in coordinating MVPD notification	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
Equipment Storage	\$30,500.00	\$30,500.00	Estimate for 1 year of antenna storage. See attached Dielectric document.	N/A	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
Sub-total	\$47,385.00	\$42,825.00	N/A	\$0.00	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,460,776.90	N/A

Components

Information not provided.

Cost Information	Grand Total					
		Predetermined Cost Estimate	Estimated Cost	Actual Cost		
	Total for all systems	\$6,383,924.00	\$5,752,512.60	\$1,460,776.90		

Reimbursem	entestiatus	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	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.	
		 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).
- 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
		01/10/2018

Attachments