

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File Number:	53905 00000	Service: DTV 26820	Call Sign:	WYFF	Channel: 30 (UHF)
	01565050	Date	01/29		
		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	Preparer Contact Name and Information	Address Phone Email		
Contact Information	Applicant	Address	Phone	Email
internation	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	
	Electrical Accessories	Manufacturer reqired surge protection	
	Transmitter shipping	transmitter shipping	
	RF Accessories	miscellaneous RF components	
	Sales Tax	transmitter sales tax	

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	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 Other Transmitter Name

Name	Description
Sales Tax	transmitter sales tax
Electical accessories	Manufacturer required surge protection
Old trasmitter removal	remove existing transmitter
RF Accessories	Waveguide switches, RF load, miscellaneous RF components
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 Manufacturer and Type	Class	Full Power	
		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

ntenna	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
New Antenna	Will antenna be located on or in close proximity to an antenna farm?	No	
		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
Sales Tax	antenna sales tax
Antenna Shipping	antenna shipping
Custom length line piece	Custom transmission line section required for installation

Primary	Existing Antenna Information			
Antenna	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	
		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

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

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			
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 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

Public Safety

Ham Radio

Commercial 2way

Primary Tower Modification Costs

Tower

Section	Question	Response	
Engineering Study	Please 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	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		
	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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-100	\$2,276,147.00	\$2,251,087.00		\$526,070.30	
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
RF Accessories	\$86,457.00	\$86,457.00	RF components required for transmitter operation. Section C in GatesAir transmitter quote.	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
Electical accessories	\$3,885.00	\$3,885.00	manufacturer required surge protection	N/A	N/A

Sales Tax\$112,038.00\$112,038.00transmitter sales tax per attached GetesAir quoteN/AN/ACher Electrical Service: Electrical installation for new main transmitter\$254,450.00Extensive electrical modification and equipment replacement required to convert from 480v to 208v. See attached quoteN/AN/ATransformer 3 phase (ABOV - 300) KVA\$36,800.00\$11,740.00From GatesAir transmitter quoteN/AN/AUHF 2 phase (ABOV - 300) KVA\$17,739,728.00Quote for GatesAir transmitter from our transmitter from our transmitter from our transmitter from our transmitter from our transmitter sections A, B & E of attached quote.N/AMultiary Liquid Solid State Transmitter Gates Tax\$21,72,680.00\$1,739,728.00Quote for convertion sections A, B & E of attached quote.Multiary Sales Tax\$21,72,680.00\$21,47,620.00Stote sections A, B & E of attached quote.\$16,647.05Sales Tax Sales Tax\$106,407.00\$106,407.00transmitter sales tax per sales tax per sal						
Electrical Service: Electrical installation for new main transmitterelectrical modification and equipment replacement required to convert from 480v to 208v. See attached quote.N/AN/ATransformer 3 phase (480v - 300 KVA\$36,800.00 \$11,740.00\$11,740.00 GatesAir transmitter quoteFrom S26,070.30N/AN/AUHF - Liquid Cooled Solid State Fransmitter 62.9 kW\$1,739,728.00 scienceQuote for comparable transmitter yondor. Sections A, B & E of attached quote.\$26,070.30N/AAuxiliary LIXTE-100\$2,172,680.00 science\$2,147,620.00 science\$316,647.05\$316,647.05Sales Tax\$106,407.00\$106,407.00 sciencetransmitter sciales tax per attached gatesAirN/AN/A	Sales Tax	\$112,038.00	\$112,038.00	sales tax per attached GatesAir	N/A	N/A
3 phase /480v - 300 KVAGatesAir transmitter quoteUHF - Liquid Cooled 	Electrical Service: Electrical installation for new main	\$254,450.00	\$254,450.00	electrical modification and equipment replacement required to convert from 480v to 208v. See attached	N/A	N/A
Liquid Cooled Solid State Transmitter 62.9 kWComparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.Sections A, B & E of attached quote. Transmitter, mask filter, installation & proof.Auxiliary ULXTE-100\$2,172,680.00 \$106,407.00\$2,147,620.00 \$106,407.00\$516,647.05 transmitter sales tax per attached GatesAirN/AN/A	3 phase /480v - 300	\$36,800.00	\$11,740.00	GatesAir transmitter	N/A	N/A
Transmitter ULXTE-100 \$106,407.00 \$106,407.00 transmitter sales tax per attached GatesAir N/A	Liquid Cooled Solid State Transmitter	\$1,739,728.00	\$1,739,728.00	comparable transmitter from our transmitter vendor. Sections A, B & E of attached quote. Transmitter, mask filter, installation &	\$526,070.30	N/A
sales tax per attached GatesAir	Transmitter	\$2,172,680.00	\$2,147,620.00		\$516,647.05	
	Sales Tax	\$106,407.00	\$106,407.00	sales tax per attached GatesAir	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
Transmitter shipping	\$17,300.00	\$17,300.00	shipping cost per GatesAir transmitter quote	N/A	N/A
Electrical Accessories	\$3,885.00	\$3,885.00	manufacturer required surge protection	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
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
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	\$1,541,269.80	N/A

Components

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

Other Electrical Service: Electrical installation for Auxiliary/Backup transmitter	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	Component Description:	Aux transmitte 1st deposit
	Amount:	\$178,095.20
	Component Description:	Aux transmitte 2nd deposit
	Amount:	\$338,551.85
Transformer 3 phase/480v - 300 KVA	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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU- 24GTH-R 04 D30	\$289,619.00	\$232,479.00		\$98,693.55	
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

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	\$7,447.00	\$7,447.00	antenna shipping per vendor quote	N/A	N/A
Auxiliary Antenna TFU-24JSC- 4 04 D30	\$237,752.00	\$189,605.60		\$80,492.90	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$147,313.60	N/A	\$80,492.90	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
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$527,371.00	\$422,084.60	N/A	\$179,186.45	N/A
Total for all systems	\$6,383,924.00	\$5,752,512.60	N/A	\$1,541,269.80	N/A

Components

Actual Information Description	File Name	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description: Amount:	WYFF Dielectric Main Antenna Payments 1 and 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.	
Custom length line piece	Information not provided.	
Antenna Shipping	Information not provided.	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Component Description: Amount:	WYFF Dielectric Auxiliary Antenna payment 10% down and 35% with order equal 45% of items tota 178873.10 \$80,492.90
Custom length line piece	Information not provided.	
Antenna Shipping	Information not provided.	
Sales Tax	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Sweep test of existing	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	\$1,541,269.80	N/A

Components

Actual Information Description	File Name	
Serious tower reinforcement		
/modifications	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:	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". \$243,530.00
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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$81,491.00	\$78,086.00		\$21,836.00	
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
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	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
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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	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), License to Cover Application	\$2,365.00	\$2,250.00	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
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	\$1,541,269.80	N/A

Components

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

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	\$1,541,269.80	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	\$1,541,269.80

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.

 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 01/29/2018

Certification	Section	Question	Response
Gertinication	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).	
		 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).
- 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
	01/29/2018

Attachments