



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **53465** | Service: **DTV** | Call **WKCF** | Channel: **23 (UHF)** |
ID: | Sign: |
File **0000026735**
Number: |
FRN: **0002538445** | Date **06/20**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Hearst Properties Inc.	PO Box 1800	+1 (919) 839-	shartzell@brookspierce.com	Corporation
Doing Business As: Hearst Properties Inc.	Raleigh, NC 27602	0300		
	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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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.	Yes
Briefly describe transition plan	see attached document

Transmitters

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

**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	DCX-2H
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	45 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-80
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50.1 kW
	Justification for New Transmitter	Existing IOT txmtr cannot be converted to post-transition channel, see Comark Re-tune statement. An IOT replacement is more expensive than proposed SS txmtr. See attached Comark IOT Transmitter quote.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
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Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Transmitter electrical installation hardware and labor
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
RF Accessories	Additional RF components required for transmitter operation

Shipping	Transmitter shipping
Electrical Accessories	Surge protection required by transmitter manufacturer
Change Order 1	change to copper plumbing kits
Change Order 2	change to 8-pole mask filters
Transmitter de-install	remove old transmitter
Sales Tax	transmitter sales tax
Transmitter insallation incidentals	equipment rentals and additional supplies needed for transmitter installation

Antennas

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

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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
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- 24GTH S180 DC
Year	2001

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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
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)	1000.0 kW
	Manufacturer	

Model	TFU-27ETT-R 4C140
Year	2019
Justification for New Antenna	Current antenna is channel specific and cannot be used on post-transition channel. Antenna must be replaced.

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?	Single Channel
	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

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Shipping	Shipping
Wedding Cake Mount Adapter	Wedding Cake Mount Adapter
Mounting Pole extension	Mounting Pole extension
Feed-through components	Components needed for candelabra tower

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Ownership	Leased
	Owner	American Tower Corp.
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	4
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	680.00 MHz
	Design power capacity in use	39.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	
	Model	TFU-24WB /VP-1-R S230

Year	2019
Justification for New Antenna	WKCF has no auxiliary antenna. Interim antenna needed while main antenna and transmission line are replaced.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	4
	Frequencies of channels supported	Upper and lower frequency
	Frequency	488.0 MHz - 608.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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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**Interim
Antenna**

Other Antenna Cost Not Listed

Name	Description
Combiner Installation	WKCF portion of combiner installation
Combiner Connection	transmission line components and labor to connect transmitter to interim antenna combiner

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1850 feet per run

Primary **New Transmission Line**
Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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	1850 feet per run
	Justification for New Transmission Line	Current transmission line segment length is not compatible with post-transition channel and must be replaced.

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

Information not provided.

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Type	Rigid
	Diameter	8 3/16 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	1525 feet per run
	Justification for New Transmission Line	line needed for interim antenna

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1212124
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	28° 35' 12.6" N-
	Longitude (NAD83)	081° 04' 57.5" W-
	Overall Structure Height	1682.07 feet
	Support Structure Height	1574.13 feet
	Ground Elevation Above Mean Sea Level (AMSL)	66.93 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Tower, LLC
Date Constructed	03/18/2002

**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
60018	WACX	DTV
9881	WTGL	DTV
24582	WHLV-TV	DTV
5802	WVEN-TV	DTV

Other Types of Users

Users
WOFT-LD

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Tower Permit Drawing Package	The generation of a permitting drawing package for one (1) broadcasters /customers.
Ground and Building A-E Permit Drawing Package	The generation of a permitting drawing package for one (1) broadcasters /customers.
Tower Project Management	(10) hours on Modification project management and (10) hours for RF installation project management for a total of ten (10) days,

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	760
	Explanation	On site management of transmitter installation, line-antenna replacement, and tower work.
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	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	Yes
	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
RF System Test	Testing of the combiner to ensure all frequencies are tuned for optimal patterns per attached ATC documentation.

Site Coordination Meeting	Site coordination meetings with all broadcasters, contractors and vendors involved with the site project.
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	Yes
	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	Yes
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?	Yes
	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

Name	Description
ATC Tax	Tax on ATC provided equipment and services
ATC one-time tower rental	ATC one-time tower rental during market repack period per attached ATC documentation

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-80	\$1,622,637.40	\$1,622,637.40		\$1,488,822.71	
Other Electrical Service: Transmitter electrical installation hardware and labor	<i>\$62,315.00</i>	\$62,315.00	see Diamond Electrical quote attached to invoice	\$62,315.00	N/A
Transmitter insallation incidentals	<i>\$5,000.00</i>	\$5,000.00	equipment rental, additional supplies and services required for transmitter installation	\$1,689.00	N/A
Sales Tax	<i>\$97,753.00</i>	\$97,753.00	transmitter sales tax per attached GatesAir quote	\$80,216.06	N/A
Transmitter de-install	<i>\$23,058.00</i>	\$23,058.00	removal of old transmitter	\$5,790.00	N/A
Change Order 2	<i>\$22,885.61</i>	\$22,885.61	8-pole mask filters	\$22,885.61	N/A
Change Order 1	<i>\$10,941.50</i>	\$10,941.50	copper plumbing kits	\$10,941.50	N/A

Electrical Accessories	\$13,430.49	\$13,430.49	Transmitter manufacturer required surge protection and 300KVA transformer per attached GatesAir quote	\$13,430.49	N/A
Shipping	\$13,500.00	\$13,500.00	transmitter shipping per attached GatesAir quote	\$0.00	N/A
RF Accessories	\$76,222.30	\$76,222.30	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote	\$76,222.30	N/A
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	\$1,297,531.50	\$1,297,531.50	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition. Also see attached document for transmitter size justification.	\$1,215,332.75	N/A
Sub-total	\$1,622,637.40	\$1,622,637.40	N/A	\$1,488,822.71	N/A

Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A
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Components

Actual Information Description	File Name	
Other Electrical Service: Transmitter electrical installation hardware and labor	Component Description:	WKCF transmitter electrical installation
	Amount:	\$62,315.00
Transmitter insallation incidentals	Component Description:	WKCF transmitter installation lift rental
	Amount:	\$1,689.00
Sales Tax	Component Description:	WKCF transmitter sales tax 1
	Amount:	\$80,216.06
Transmitter de-install	Component Description:	transmitter removal to provide space for repack transmitter
	Amount:	\$5,790.00
Change Order 2	Component Description:	WKCF transmitter CO2
	Amount:	\$22,885.61
Change Order 1	Component Description:	WKCF transmitter CO1
	Amount:	\$10,941.50

Electrical Accessories	Component Description: WKCF transmitter electrical accessories Amount: \$13,430.49
Shipping	Information not provided.
RF Accessories	Component Description: WKCF transmitter RF accessories Amount: \$76,222.30
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	Component Description: WKCF transmitter one-third prior to shipping. Invoice with supporting documentation. Amount: \$481,216.30 Component Description: Transmitter 1st deposit Amount: \$151,024.44 Component Description: WKCF transmitter 4 Amount: \$318,904.14 Component Description: Transmitter 2nd deposit Amount: \$264,187.87

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
Interim Antenna TFU-24WB /VP-1-R S230	\$204,732.00	\$167,152.00		\$125,364.00	
Combiner Connection	<i>\$39,660.00</i>	\$39,660.00	cost per ATC documentation	\$29,745.00	N/A
Combiner Installation	<i>\$2,775.00</i>	\$2,775.00	WKCF portion of combiner installation per attached ATC documentation: WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19-20181.pdf	\$2,081.25	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$5,400.00	N/A	\$4,050.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$57,150.00	see WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19-20181.pdf	\$42,862.50	N/A

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 1000 kW input, directional,, elliptically or circularly polarized	\$57,667.00	\$57,667.00	WKCF portion of interim antenna per attached revised ATC documentation: WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19-20181.pdf	\$43,250.25	N/A
Sweep test of existing antenna	\$6,730.00	\$4,500.00	N/A	\$3,375.00	N/A
Primary Antenna TFU-27ETT-R 4C140	\$266,030.00	\$415,555.00		\$373,999.50	
Feed-through components	\$0.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A
Mounting Pole extension	\$0.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A
Wedding Cake Mount Adapter	\$0.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A
Shipping	\$0.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$0.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$415,555.00	per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments	\$373,999.50	First invoice not itemized. Actual antenna price is \$230,728.00 per Dielectric quote (WKCF Main Antenna quote.pdf) in attachments
Sub-total	\$470,762.00	\$582,707.00	N/A	\$499,363.50	N/A
Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A

Components

Actual Information
Description

File Name

Combiner Connection	<div> <div> Component Description: Amount: </div> <div> WKCF combiner connection milestone 1 \$9,915.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF combiner connection milestone 2 \$19,830.00 </div> </div>
Combiner Installation	<div> <div> Component Description: Amount: </div> <div> WKCF combiner installation milestone 2 \$1,387.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF combiner installation milestone 1 \$693.75 </div> </div>
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	<div> <div> Component Description: Amount: </div> <div> WKCF elbow complex milestone 2 \$2,700.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF elbow complex milestone 1 \$1,350.00 </div> </div>

New combiner, cost per channel (without antenna)	Component Description:	WKCF combiner milestone 2
	Amount:	\$28,575.00
	Component Description:	WKCF combiner milestone 1
	Amount:	\$14,287.50
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 1000 kW input, directional,, elliptically or circularly polarized	Component Description:	WKCF interim antenna milestone 1
	Amount:	\$14,416.75
	Component Description:	WKCF interim antenna milestone 2
	Amount:	\$28,833.50
Sweep test of existing antenna	Component Description:	WKCF sweep test milestone 1
	Amount:	\$1,125.00
	Component Description:	WKCF sweep test milestone 2
	Amount:	\$2,250.00
Feed-through components	Component Description:	WKCF feed thru components payment 2
	Amount:	N/A
Mounting Pole extension	Component Description:	WKCF mounting pole payment 2
	Amount:	N/A

Wedding Cake Mount Adapter	Component Description: WKCF antenna mount adapter payment 2 Amount: N/A
Shipping	Component Description: WKCF antenna shipping payment 2 Amount: N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: WKCF elbow complex payment 2 Amount: N/A
Sweep test of existing antenna	Component Description: WKCF antenna and line sweep payment 2 Amount: N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description: WKCF main antenna payment 2 Amount: \$186,999.75 Component Description: Dielectric WKCF, Main Antenna; 9.19.2017; \$186,999.75 payments 1&2 - 45% Amount: \$186,999.75

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 Cos Justificatio
Interim Transmission Line	\$608,475.00	\$164,700.00		\$123,525.00	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$608,475.00	\$164,700.00	per attached ATC documentation: WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19- 20181.pdf	\$123,525.00	N/A
Primary Transmission Line	\$373,700.00	\$355,200.00		\$265,869.00	
Rigid Transmission Line - copper, 6 1/8"	\$373,700.00	\$355,200.00	N/A	\$265,869.00	N/A
Sub-total	\$982,175.00	\$519,900.00	N/A	\$389,394.00	N/A
Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A

Components

Actual Information Description	File Name
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Rigid Transmission Line - copper, 8 3/16" broadband	<div data-bbox="719 174 1358 327"> <p>Component Description: WKCF transmission line milestone 2</p> <p>Amount: \$82,350.00</p> </div> <div data-bbox="719 434 1358 586"> <p>Component Description: WKCF transmission line milestone 1</p> <p>Amount: \$41,175.00</p> </div>
Rigid Transmission Line - copper, 6 1/8"	<div data-bbox="719 721 1374 918"> <p>Component Description: WKCF Dielectric transmission line payments 1&2 - 45%; \$132,934.50</p> <p>Amount: \$132,934.50</p> </div> <div data-bbox="719 1025 1358 1178"> <p>Component Description: WKCF transmission line payment 2</p> <p>Amount: \$132,934.50</p> </div>

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$610,900.00	\$443,075.82		\$66,175.82	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	see attached tower rigging explanation	\$37,500.00	N/A
Tower Project Management	<i>\$2,500.00</i>	\$2,500.00	per attached ATC documentation	\$1,875.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$17,500.00	N/A	\$13,125.00	N/A
Tower Permit Drawing Package	<i>\$4,700.00</i>	\$4,700.00	per attached ATC documentation	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$13,675.82	per updated ATC documentation with tax	\$13,675.82	a
Ground and Building A-E Permit Drawing Package	<i>\$4,700.00</i>	\$4,700.00	per attached ATC documentation	N/A	N/A
Sub-total	\$610,900.00	\$443,075.82	N/A	\$66,175.82	N/A

Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A
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Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: WKCF tower work milestone 1
	Amount: \$12,500.00
	Component Description: WKCF tower work milestone 2
	Amount: \$25,000.00
Tower Project Management	Component Description: WKCF tower project management milestone 1
	Amount: \$625.00
	Component Description: WKCF tower project management milestone 2
	Amount: \$1,250.00
Minor tower reinforcement /modifications	Component Description: WKCF tower modifications milestone 1
	Amount: \$4,375.00
	Component Description: WKCF tower modifications milestone 2
	Amount: \$8,750.00

Tower Permit Drawing Package	Information not provided.
Structural engineering tower load study for a documented tower with candelabra	<div> <div> Component Description: Amount: </div> <div> WKCF tower mapping \$8,787.82 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF tower structural analysis \$4,888.00 </div> </div>
Ground and Building A-E Permit Drawing Package	Information not provided.

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	\$228,348.00	\$213,235.80		\$58,996.06	
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	\$6,102.22	N/A
Site Coordination Meeting	<i>\$1,000.00</i>	\$1,000.00	per attached ATC documentation	\$750.00	N/A
RF System Test	<i>\$3,333.00</i>	\$3,333.00	Testing of the combiner to ensure all frequencies are tuned for optimal patterns per attached ATC documentation: WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19-20181.pdf.	\$2,499.75	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	\$7,360.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$15,967.80	see associated invoices	\$15,967.80	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,891.62	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	\$1,535.00	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	\$2,050.00	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	\$2,012.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$6,050.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$1,875.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,247.17	N/A

Project management of the transition	\$120,080.00	\$100,000.00	N/A	N/A	N/A
Transmitter Site Survey	\$20,600.00	\$20,600.00	Transmitter planning survey & transmitter building drawings	\$20,600.00	N/A
Sub-total	\$228,348.00	\$213,235.80	N/A	\$58,996.06	N/A
Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A

Components

Actual Information	
Description	File Name
Non-Catalog legal expenses	<p>Component Description: WKCF non-catalog legal 2</p> <p>Amount: \$3,690.02</p> <p>Component Description: WKCF non-catalog legal 1</p> <p>Amount: \$2,412.20</p>
Site Coordination Meeting	<p>Component Description: WKCF site coordination mtng milestone 1</p> <p>Amount: \$250.00</p> <p>Component Description: WKCF site coordination mtng milestone 2</p> <p>Amount: \$500.00</p>

RF System Test	<div> <div> Component Description: Amount: </div> <div> WKCF interim RF system test milestone 2 \$1,666.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF interim RF system test milestone 1 \$833.25 </div> </div>
RF Exposure Measurements	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	<div> <div> Component Description: Amount: </div> <div> WKCF legal for lease negotiations 2 \$348.75 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF legal for lease negotiations 3 \$6,835.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> WKCF legal for lease negotiations 1 \$8,783.55 </div> </div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="702 174 1015 210">Component Description:</td><td data-bbox="1147 174 1385 322">WKCF Prepare and File FCC Form 2100, Construction Permit Application 2</td></tr> <tr> <td data-bbox="702 336 815 371">Amount:</td><td data-bbox="1147 336 1267 371">\$1,054.52</td></tr> <tr> <td data-bbox="702 474 1015 510">Component Description:</td><td data-bbox="1147 474 1374 622">WKCF Prepare and File FCC Form 2100, Construction Permit Application</td></tr> <tr> <td data-bbox="702 636 815 672">Amount:</td><td data-bbox="1147 636 1246 672">\$837.10</td></tr> </table>	Component Description:	WKCF Prepare and File FCC Form 2100, Construction Permit Application 2	Amount:	\$1,054.52	Component Description:	WKCF Prepare and File FCC Form 2100, Construction Permit Application	Amount:	\$837.10
Component Description:	WKCF Prepare and File FCC Form 2100, Construction Permit Application 2								
Amount:	\$1,054.52								
Component Description:	WKCF Prepare and File FCC Form 2100, Construction Permit Application								
Amount:	\$837.10								
<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>	<table> <tr> <td data-bbox="702 1659 1015 1695">Component Description:</td><td data-bbox="1147 1659 1377 1816">Prepare engineering section of FCC Form 2100, Construction Permit Application</td></tr> <tr> <td data-bbox="702 1852 815 1888">Amount:</td><td data-bbox="1147 1852 1267 1888">\$2,012.50</td></tr> </table>	Component Description:	Prepare engineering section of FCC Form 2100, Construction Permit Application	Amount:	\$2,012.50				
Component Description:	Prepare engineering section of FCC Form 2100, Construction Permit Application								
Amount:	\$2,012.50								

Perform engineering study for new channel assignment and antenna development	<div> Component Description: WKCF engineering study for new channel assignment </div> <div> Amount: \$125.00 </div>
	<div> Component Description: engineering study for new channel assignment </div> <div> Amount: \$1,375.00 </div>
	<div> Component Description: WKCF interim antenna development milestone 1 </div> <div> Amount: \$1,250.00 </div>
	<div> Component Description: WKCF interim antenna development milestone 2 </div> <div> Amount: \$2,500.00 </div>
	<div> Component Description: engineering study for new channel assignment </div> <div> Amount: \$800.00 </div>
Address transition timing and coordination issues w/ other stations and wireless	<div> Component Description: WKCF transition coordination milestone 1 </div> <div> Amount: \$625.00 </div>
	<div> Component Description: WKCF transition coordination milestone 2 </div> <div> Amount: \$1,250.00 </div>

Prepare and or review reimbursement form	<table> <tr> <td data-bbox="708 174 1015 210">Component Description:</td><td data-bbox="1150 174 1378 286">WKCF Prepare and /or review reimbursement</td></tr> <tr> <td data-bbox="708 338 815 367">Amount:</td><td data-bbox="1150 295 1262 367">Form 399 \$947.10</td></tr> <tr> <td data-bbox="708 477 1015 512">Component Description:</td><td data-bbox="1150 477 1378 589">WKCF Prepare and /or review reimbursement</td></tr> <tr> <td data-bbox="708 638 815 667">Amount:</td><td data-bbox="1150 595 1286 667">Form 399 2 \$300.07</td></tr> </table>	Component Description:	WKCF Prepare and /or review reimbursement	Amount:	Form 399 \$947.10	Component Description:	WKCF Prepare and /or review reimbursement	Amount:	Form 399 2 \$300.07
Component Description:	WKCF Prepare and /or review reimbursement								
Amount:	Form 399 \$947.10								
Component Description:	WKCF Prepare and /or review reimbursement								
Amount:	Form 399 2 \$300.07								
Project management of the transition	Information not provided.								
Transmitter Site Survey	<table> <tr> <td data-bbox="708 920 1015 956">Component Description:</td><td data-bbox="1150 920 1337 992">WKCF GatesAir Site survey</td></tr> <tr> <td data-bbox="708 1003 815 1032">Amount:</td><td data-bbox="1150 1003 1283 1032">\$20,600.00</td></tr> </table>	Component Description:	WKCF GatesAir Site survey	Amount:	\$20,600.00				
Component Description:	WKCF GatesAir Site survey								
Amount:	\$20,600.00								

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	\$140,430.00	\$138,865.00		\$22,925.15	
ATC one-time tower rental	<i>\$57,600.00</i>	\$57,600.00	ATC one-time tower rental during market repack period per attached ATC documentation.	N/A	N/A
ATC Tax	<i>\$30,000.00</i>	\$30,000.00	estimate based on current and expected future ATC invoices	\$19,550.15	N/A
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	Attorney assistance in coordinating MVPD notification	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	Estimate for 1 year of antenna storage. See attached Dielectric document.	N/A	N/A

Equipment Delivery and Handling Charges	\$4,500.00	\$4,500.00	per attached ATC documentation: WKCF Orlando Bithlo 282644 Repack Cost Estimates 6-19-20181.pdf	\$3,375.00	N/A
Local Zoning	\$750.00	\$750.00	per attached ATC documentation	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$10,000.00	N/A	N/A	N/A
Sub-total	\$140,430.00	\$138,865.00	N/A	\$22,925.15	N/A
Total for all systems	\$4,055,252.40	\$3,520,421.02	N/A	\$2,525,677.24	N/A

Components

Actual Information	
Description	File Name
ATC one-time tower rental	Information not provided.

ATC Tax	Component Description:		WKCF sales tax for ATC invoice milestone 2
	Amount:		\$12,963.74
	Component Description:		WKCF sales tax for ATC invoice milestone 1
	Amount:		\$6,586.41
MVPD Notification of Channel Change	Information not provided.		
Develop and air announcement of upcoming channel change	Information not provided.		
Equipment Storage	Information not provided.		
Equipment Delivery and Handling Charges	Component Description:		WKCF interim delivery and handling milestone 2
	Amount:		\$2,250.00
	Component Description:		WKCF interim delivery and handling milestone 1
	Amount:		\$1,125.00
Local Zoning	Information not provided.		
FCC Filing Fees - Special Temporary Authorization request	Information not provided.		
FCC Filing Fees - Form 2100 license to cover application	Information not provided.		
DTV Medical Facility Notification	Information not provided.		

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$4,055,252.40	\$3,520,421.02
			\$2,525,677.24

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.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>John Drain <i>Hearst Television SVP Chief Financial Officer</i></p> <p>06/20/2019</p>

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Douglas Durkee <i>Hearst Television Manager of Spectrum Repack</i></p> <p>06/20/2019</p>

Attachments