

Federal Communications Commission

Facility 68444 Service: DCA Call WDWO-CD Channel:	
ID: Sign:	
22 (UHF) File 0000028067	
Number:	
FRN: 0026907345 Date 07/25	
Submitted: /2019	

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
HC2 STATION GROUP INC.	RENEE ILHARDT 450 PARK AVENUE 30TH FLOOR NEW YORK, NY 10022 United States	+1 (954) 606- 5486	RILHARDT@HC2BROADCASTING. COM	Corporation

Reimbursement Contact Name and Information Reimbursement Contact 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	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	WDWO will transition from ch. 18 service to ch. 22 service at its current operating facilities (ASR 1007996). There are other stations that operate from this facility, however, WDWO will not be sharing transmission equipment with any of those stations.

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

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	TRN-5X-U- 48-C	
		Year	2019	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	4.08 kW	

Existing Transmitter Information

Primary	New Transmitter Costs			
Transmitter	Section	Question	Response	
٨	New Transmitter	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Manufacturer		
		Model	TRN-5X-U-28- C	
		Transmitter Type	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power capacity	4.08 kW	
		Justification for New Transmitter	Existing transmitter will have difficulties moving to the new frequency due to poor support from the manufacturer.	

Other Transmitter Costs

Primary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	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	No
	Description	N/A
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

PrimaryOther Transmitter CoTransmitterInformation not provided.

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

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	Class	Class A	
	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)	15.0 kW	

Manufacturer	
Model	ALP16L2- HSOC
Year	2006

Primary	New Antenna Costs			
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?	Yes	
		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?	No	
	New Antenna Manufacturer and Types	Class	Class A	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Circular	
		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)	15.0 kW	
		Manufacturer		
			1	

Model	ATC- BCC416M- V3-22
Year	2017
Justification for New Antenna	Existing antenna is channel specific and not retunable to channel 22.

, Other Antenna Costs

Primary 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?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

Interim	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		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?	Yes	
	New Antenna Manufacturer and Type	Class	Class A	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Slot	
		Number of Stations Supported	1	
		Number of Panels/Bays	8	
		Lower Limit	470.00 MHz	
		Upper Limit	862.00 MHz	
		Design power capacity in use	100.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	15.0 kW	
		Manufacturer		
		Model	75010066	
		Year	2018	

Justification for New Antenna	Required to maintain on air signal continuity of station during main antenna replacement operations

Interim	Other Antenna Costs			
Antenna	Section	Question	Response	
	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 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	

Interim	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Unloading expense	Rigging fee to unload antenna system components upon delivery	

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Existing Transmission Line Primary Existing Transmission

ssion	Section	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission Line Manufacturer and Type	Manufacturer	Andrew
		Туре	Flexible Air
		Diameter	3 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	975 feet per run

Other Transmission Line Expenses Not Listed Transmission Line Description

Interim transmission line	interim transmission line

Interim New Transmission Line

Transmission	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Foam
		Diameter	1 5/8 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	910 feet per run
		Justification for New Transmission Line	Required to install and operate interim antenna system

Interim Other Transmission Line Expenses Not Listed

Transmission not provided.

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

Existing Tower

Primary	Existing Tower				
Tower	Section	Question	Response		
	Existing Tower	Type of change	Modify Existing		
	Description	Tower Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Leased		
		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	No		
		Is tower documented for structural analysis?	Yes		
		Is tower compliant with Rev G?	Yes		
	Existing Tower	Do you have a tower registration number?	Yes		
	Structure Registration	ASR Number	1007996		
	Coordinates (NAD83 (North American Datum	Latitude (NAD83)	42° 29' 01.0" N-		
	of 1983))	Longitude (NAD83)	083° 18' 44.0" W-		
		Overall Structure Height	1052.81 feet		
		Support Structure Height	998.35 feet		
		Ground Elevation Above Mean Sea Level (AMSL)	697.17 feet		

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Tower, LLC
Date Constructed	01/01/1968

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
51570	WKBD-TV	DTV
5800	WPXD-TV	DTV

Primary Tower Modification Costs

Tower

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

Primary Tower Rigging Costs

ection 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 Rigging and Removing the Antenna	Tower rigging and removing the antenna	
	Tower Mapping	Tower mapping required by American Tower during this transition. Please see attached invoice from American Tower 460205111	

Outside Professional	Section	Question	Response
	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	400
		Explanation	Outside consulting engineering, legal work, and accounting services, as well as project management for regional and comprehensive repack execution.
	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	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	No
		Quantity	N/A
		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	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	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	Yes
	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
	Permit Drawing package	Tower permit drawing package required by American Tower Corp in regard to tower modifications
	Site coordination	Site coordination fee required by American Tower Corp in regard to tower modifications, installation scheduling and construction coordination
	Construction Project Management ATC Tower Mods	Construction management fee required by American Tower Corp in regard to tower modifications allocated to WDWO
	Ground Building Permit Drawing Package	Building and Ground drawing package required by American Tower Corp in regard to tower modifications

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	Yes
		Non-zoning permits	Yes
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	Yes
		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)?	Yes
		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 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 TRN-5X-U- 28-C	\$236,500.00	\$230,500.00		\$45,297.56	
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$230,500.00	N/A	\$45,297.56	N/A
Sub-total	\$236,500.00	\$230,500.00	N/A	\$45,297.56	N/A
Total for all systems	\$1,885,044.00	\$962,326.33	N/A	\$377,409.91	N/A

Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	Component Description:	Transmitter cost, upgrade excluded. #7113-
	Amount:	01 \$44,249.00
	Component Description:	Transmitter related cost. #19270
	Amount:	\$1,048.56

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
Interim Antenna 75010066	\$34,030.00	\$32,400.00		\$0.00	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$25,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Unloading expense	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Primary Antenna ATC- BCC416M- V3-22	\$33,030.00	\$30,120.00		\$11,860.00	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$23,720.00	See quote from Kathrein	\$11,860.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$67,060.00	\$62,520.00	N/A	\$11,860.00	N/A

Total for all	\$1,885,044.00	\$962,326.33	N/A	\$377,409.91	N/A
systems					

Components

Actual Information Description	File Name	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Information not provided.	
Sweep test of existing antenna	Information not provided.	
Unloading expense	Information not provided.	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Component Description: Amount:	Antenna related cost, upgrade excluded. #PO000124-INV \$11,860.00
Sweep test of existing antenna	Information not provided.	

Transmission Line

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
Interim Transmission Line	\$21,840.00	\$20,930.00		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$21,840.00	\$20,930.00	N/A	N/A	N/A
Primary Transmission Line	\$13,000.00	\$13,000.00		\$0.00	
Interim transmission line	\$13,000.00	\$13,000.00	required for installation of interim antenna system	N/A	N/A
Sub-total	\$34,840.00	\$33,930.00	N/A	\$0.00	N/A

Components

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 GTOWER	\$1,294,527.00	\$481,427.00		\$275,944.00	
Tower Rigging and Removing the Antenna	\$11,160.00	\$11,160.00	N/A	\$11,160.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$250,000.00	N/A	\$250,000.00	N/A
Tower Mapping	\$8,267.00	\$8,267.00	Please see attached American Tower invoice 460205111.	\$8,267.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$6,517.00	N/A
Sub-total	\$1,294,527.00	\$481,427.00	N/A	\$275,944.00	N/A
Total for all systems	\$1,885,044.00	\$962,326.33	N/A	\$377,409.91	N/A

Components

Actual Information	
Description	

File Name

Removing the Antenna	Component Description: Amount:	Tower related co #2367 \$11,160.00
Tall Tower (greater than 500')	Information not provided.	
Serious tower reinforcement /modifications	Component Description:	Tower Reinforcement /Modifications
	Amount:	\$250,000.00
Tower Mapping		
	Component Description:	Broadcast Tower Mapping
	Amount:	\$8,267.00
Structural engineering		
tower load study for well	Component Description:	Broadcast
documented tower		Structural
	Amount:	\$6,517.00

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	Predetermined Cost Estimate \$226,327.00	Estimated Cost \$131,264.33	Estimated Cost Justification	Actual Cost \$42,109.83	Actual Cost Justification
Professional Services	<i><i><i>v</i></i>²²³³³³³³³³</i>	\$101,201.00		¥12,100100	
Construction Project Management ATC Tower Mods	\$4,167.00	\$4,167.00	N/A	\$4,162.50	N/A
Site coordination	\$2,500.00	\$2,500.00	N/A	\$2,500.00	N/A
Permit Drawing package	\$4,700.00	\$4,700.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$15,000.00	N/A	N/A	N/A
Project management of the transition	\$63,200.00	\$35,447.33	Updated cost of estimated amount per FCC requirement.	\$35,447.33	N/A
Ground Building Permit Drawing Package	\$4,700.00	\$4,700.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	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 - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$25,000.00	N/A	N/A	N/A
Sub-total	\$226,327.00	\$131,264.33	N/A	\$42,109.83	N/A
Total for all systems	\$1,885,044.00	\$962,326.33	N/A	\$377,409.91	N/A

Components

Actual Information Description	File Name	
Construction Project Management ATC Tower Mods	Component Description:	Construction Project Management of ATC Tower Mods
	Amount:	\$4,162.50
Site coordination		
	Component Description: Amount:	Site Coordination \$2,500.00
Permit Drawing package	Information not provided.	
RF Exposure Measurements	Information not provided.	
Project management of the transition		

Component Description: Amount:	Project Management \$1,197.35
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #1096 \$714.93
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #1134 \$1,678.60
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #1140 \$1,503.60
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #1122 \$1,979.10

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #473121 \$2,044.14
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #1118 \$1,609.03
Component Description: Amount:	PO Line 1 - NTP Billable Project Mgmt - ATC Site 282675 \$9,480.00
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #1112 \$521.40
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #473451 \$3,119.41
Component Description: Amount:	Project Management \$2,520.60

Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #1104 \$644.80
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #1129 \$1,758.65
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #471659 \$713.16
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 10 stations. #473857 \$2,572.37
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #472232 \$901.10

	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #1116 \$1,254.03
	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 15 stations. #472568 \$1,235.06
Ground Building Permit Drawing Package	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.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

NEPA Section 106 environmental review, if needed	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
Comprehensive coverage verification via field study, if needed	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	\$25,790.00	\$22,685.00		\$2,198.52	
Equipment Delivery and Handling Charges	\$2,000.00	\$2,000.00	N/A	\$420.75	N/A
DTV Medical Facility Notification	\$11,550.00	\$8,500.00	N/A	\$1,777.77	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	\$750.00	\$750.00	N/A	N/A	N/A
Non-zoning permits	\$2,350.00	\$2,350.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,000.00	\$2,000.00	N/A	N/A	N/A

Equipment Storage	\$1,000.00	\$1,000.00	Estimating \$50 per day and 20 days storage the antenna between time of delivery and coordinating tower crew installation with weather, availability and other stations present.	N/A	N/A
Develop and air announcement of upcoming channel change	\$2,000.00	\$2,000.00	Cost of in- house spot production and insertion	N/A	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$25,790.00	\$22,685.00	N/A	\$2,198.52	N/A
Total for all systems	\$1,885,044.00	\$962,326.33	N/A	\$377,409.91	N/A

Components

Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description:	Antenna freight cost. #33509238953
	Amount:	\$420.75

DTV Medical Facility Notification	Component Description:	Medical notificatio service. #INV-
	Amount:	001853 \$1,777.77
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	
Non-zoning permits	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Storage	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$1,885,044.00	\$962,326.33	\$377,409.91	

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. 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.

entity is in fu with al rules, and go require which a pre-n obtain	pove-named certifies that it ill compliance il statutes, regulations overnmental ements for compliance is requisite for ing the ents herein sted.	
an authorized	der penalty of perjury, that I am I representative of the above- cant for the Authorization(s) ve.	Henry Turner Chief Operating Officer 07/25/2019

Certification	Section	Question	Response
	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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) fied above.	Henry Turner Chief Operating Officer 07/25/2019

Attachments

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