



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **68395** | Service: **DCA** | Call **WBYP-CD** | Channel: **19 (UHF)** |  
ID:  
File **0000028546**  
Number:  
FRN: **0032881088** | Date **06/05**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>FIFTH STREET ENTERPRISES, LLC</b> Doing Business As: FIFTH STREET ENTERPRISES, LLC	RON BRUNO 975 Greentree Rd. Pittsburgh, PA 15220 United States	+1 (412) 921-7577	dawn@thevideohouse.com	Limited Liability Company

## 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
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	The plan is to replace the existing channel 39 system with a retuned transmitter, a new channel 30 antenna, new 3" flex air line, and new filter.

**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	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	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	Rohde & Schwarz
	Model	NV8605

Year	2012
Type	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	3.5 kW

## Primary Transmitter

### Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	Other
	Other Power	4 kW
New Exciter	Is a new exciter needed?	No

## Primary Transmitter

### Other Transmitter Costs

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	Yes

	Description	Electrical Work to install 1 Duplex - Part of Studio to Transmission Link Installation
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
Transmitter Retuning Cost	Retune existing transmitter

**Interim Transmitter**      **New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	

Model	THU9evo-3 4,900w ATSC
Transmitter Type	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	4.9 kW
Justification for New Transmitter	The current transmitter is no longer being made, the THU9evo-3 is the manufacture equivalent to it.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	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	100 Amp 3 Phase Circuit
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A

	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	No

**Interim Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**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?	Yes
	Is the existing antenna directional?	No
	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	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	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	Omni- directional
	ERP: (Effective Radiated Power) .....	15.0 kW



	Manufacturer	
	Model	KAT 750-10068
	Year	2014

**Facility ID's and Call Signs of all stations with whom the antenna is shared.**

Facility ID	Call Sign
272	WPTG-CD
68411	WIIC-LD

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	1
	Lower Limit	500.00 MHz
	Upper Limit	506.00 MHz
	Design power capacity in use	47.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	12.5 kW
	Manufacturer	

Model	AL80-19-PLH
Year	2019
Justification for New Antenna	The existing antenna and combiner are used by station on channel 31, that is first adjacent to our newly assigned channel 30. The existing antenna and combiner will not work with first adjacent channels.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No

	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

## Primary Antenna

### Other Antenna Cost Not Listed

Information not provided.

**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
<b>Existing Transmission Line Description</b>	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?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	400 feet per run

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

Facility ID	Call Sign
272	WPTG-CD
68411	WIIC-LD

Primary  
Transmission Line

New 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	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	700 feet per run

	Justification for New Transmission Line	Electronic Research Inc is the Manufacture of the new line. A new transmission line will be necessary to support the new antenna, as the existing transmission line will continue to remain in use by the existing other stations on the existing antenna
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**Primary 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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1022324
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	40° 26' 46.2" N-
	Longitude (NAD83)	079° 57' 50.2" W-
	Overall Structure Height	594.15 feet
	Support Structure Height	516.07 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1164.68 feet

	Structure Type	LTOWER - Lattice Tower
	Tower Owner	WQED MULTIMEDIA
	Date Constructed	08/01/1972

**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
65681	WTAE-TV	DTV
54002	WQED-FM	FM
68405	WEPA-CD	DTV
66636	WOSC-CD	DTV
272	WPTG-CD	DTV
41315	WQED	DTV
41314	WINP-TV	DTV
7622	WNNB-CD	DTV

**Other Types of Users**

Users
WQBT460
WPPQ574
WPDN-LD 68062
WIIC-LD 68411
WQGN429
W271CW 158245
W244CU 139106
KA2208

**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
Structural Analysis	Once the mapping is complete, a Structural analysis will need to be completed.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	2000
	Explanation	WBYD does not have sufficient resource capacity and expertise in house to handle all of the Project Management related tasks necessary to facility on-time completion of the station's build by the Construction Deadline
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	8

	Justification	RF Project management of tower and transmitter installs
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**Outside Other Professional Services Expenses Not Listed**  
**Professional Services Costs** Services not provided.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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	No
<b>Other Miscellaneous Expenses</b>	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**

**Other Expenses Not Listed**

Name	Description
Vehicle Rentals	Required for equipment delivery.
Transmission Input	Studio to transmission link installation



## 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
<b>Interim Transmitter THU9evo-3 4,900w ATSC</b>	<b>\$278,100.00</b>	<b>\$204,600.00</b>		<b>\$183,100.00</b>	
Other Electrical Service: 100 Amp 3 Phase Circuit	<i>\$4,600.00</i>	\$4,600.00	N/A	\$4,600.00	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$200,000.00	N/A	\$178,500.00	N/A
<b>Primary Transmitter NV8605</b>	<b>\$119,955.00</b>	<b>\$14,755.00</b>		<b>\$0.00</b>	
Transmitter Retuning Cost	<i>\$8,596.00</i>	\$8,596.00	N/A	N/A	N/A
Other Electrical Service: Electrical Work to install 1 Duplex - Part of Studio to Transmission Link Installation	<i>\$469.00</i>	\$469.00	Electrical work to Install 1 duplex - part of studio to transmission link install	\$0.00	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$0.00	N/A	N/A	N/A

Other 4 kW mask filter	\$5,690.00	\$5,690.00	N/A	N/A	N/A
<b>Sub-total</b>	\$398,055.00	\$219,355.00	N/A	\$183,100.00	N/A
<b>Total for all systems</b>	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

## Components

Actual Information	
Description	File Name
Other Electrical Service: 100 Amp 3 Phase Circuit	<p><b>Component Description:</b> B.C. Electric - Invoice and Estimate for electric Install for WBVD - 12-30-19</p> <p><b>Amount:</b> \$4,600.00</p>
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<p><b>Component Description:</b> Rohde and Schwarz Interim Transmitter Invoice, Quote and Purchase Order.</p> <p><b>Amount:</b> \$178,500.00</p> <p><b>Component Description:</b> Alpha Data Communications - Studio to Transmission Link - Jan 2020</p> <p><b>Amount:</b> N/A</p>
Transmitter Retuning Cost	Information not provided.

<p>Other Electrical Service: Electrical Work to install 1 Duplex - Part of Studio to Transmission Link Installation</p>	<p><b>Component Description:</b> Alpha Data Communications - Studio to Transmission Link - Jan 2020</p> <p><b>Amount:</b> N/A</p>
<p>UHF and VHF - minor banding issues</p>	<p>Information not provided.</p>
<p>Other 4 kW mask filter</p>	<p>Information not provided.</p>

Cost  
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna AL80-19- PLH	\$33,030.00	\$30,843.00		\$18,501.00	
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$24,443.00	Cost for H- pole and mounting equipment. See attached Dielectric quote.	\$18,130.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$371.00	N/A
Sub-total	\$33,030.00	\$30,843.00	N/A	\$18,501.00	N/A
Total for all systems	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

Components

Actual Information Description	File Name
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UHF - Lower Power Side Mount, Class A One Station antenna -- basic	<b>Component Description:</b>	Ken's Towers - Antenna Installation Invoice and Proposal 12-4-19 WBYD
	<b>Amount:</b>	\$11,500.00
	<b>Component Description:</b>	Balance Due invoice for Antenna (\$3315), Transmission Line (\$7793.19) and Freight (\$1690.60) - Electronics Research - WBYD - 12-18-19
	<b>Amount:</b>	\$3,315.00
	<b>Component Description:</b>	WBYD Antenna Cost 50% down payment of total Antenna Cost of \$6630.00 - Cover Letter, Proposal and Invoice - ERI, Inc 10-14-19
	<b>Amount:</b>	\$3,315.00
Sweep test of existing antenna	<b>Component Description:</b>	Sweep Kathrein antenna for quality
	<b>Amount:</b>	\$371.00

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$23,100.00	\$16,243.01		\$16,243.01	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$23,100.00	\$16,243.01	N/A	\$16,243.01	Reducers are needed for the filter / Transmission Line therefore the Sub-total is greater than the estimated cost, but not greater than the Predetermined cost estimate.
Sub-total	\$23,100.00	\$16,243.01	N/A	\$16,243.01	N/A
Total for all systems	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission  
Line - dielectric, 1 5/8"

**Component Description:** Electronics  
Research Inc -  
WBYP-CD -  
Balance Due  
invoice for  
Transmission Line  
(\$7793.19),  
Antenna  
(\$3315.00) and  
Freight (\$1690.60)  
12-18-19  
**Amount:** \$7,793.19

**Component Description:** \$7793.19  
represents the  
50% down  
payment for the  
TOTAL  
Transmission Line  
expenses of  
\$15,586.39  
**Amount:** \$7,793.19

**Component Description:** SWR- Invoice and  
Quote for  
Reducers for Filter  
/ Transmission  
Line -WBYP- CD  
1-2-20  
**Amount:** \$656.63

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 LTOWER	\$618,000.00	\$588,000.00		\$0.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Structural Analysis	<i>\$19,000.00</i>	\$19,000.00	N/A	N/A	N/A
Sub-total	\$618,000.00	\$588,000.00	N/A	\$0.00	N/A
Total for all systems	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

Components

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
<b>Outside Professional Services</b>	<b>\$478,010.00</b>	<b>\$454,750.00</b>		<b>\$51,993.81</b>	
Project management of the transition	\$316,000.00	\$300,000.00	N/A	\$39,883.81	N/A
Additional Field Engineering Service, 8 Days	<i>\$16,000.00</i>	\$16,000.00	N/A	\$7,625.00	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
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$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	\$335.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,400.00	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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,750.00	N/A
<b>Sub-total</b>	\$478,010.00	\$454,750.00	N/A	\$51,993.81	N/A
<b>Total for all systems</b>	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	
	<b>Component Description:</b> CTA Media
	Productions -
	WBYP- May 2020
	<b>Amount:</b> \$262.50
	<b>Component Description:</b> Project
	Management
	<b>Amount:</b> \$2,723.45
	<b>Component Description:</b> Project
	Management - May
	2019
	<b>Amount:</b> \$1,200.00
	<b>Component Description:</b> Project
	Management
	<b>Amount:</b> \$1,582.05
	<b>Component Description:</b> Project
	Management
	<b>Amount:</b> \$2,204.70
	<b>Component Description:</b> CTA Media
	Productions -
	WBYP- March 2020
	<b>Amount:</b> \$562.50
	<b>Component Description:</b> Project
	Management - July
	2019
	<b>Amount:</b> \$1,012.50

<b>Component Description:</b>	CTA Media - WBVD - September 2019 Project Management
<b>Amount:</b>	\$975.00

<b>Component Description:</b>	Project Management - August 2019 WBVD
<b>Amount:</b>	\$1,012.50

<b>Component Description:</b>	CTA Media Productions - Project Management - WBVD-CD April 2020
<b>Amount:</b>	\$600.00

<b>Component Description:</b>	Project Management - Revised invoice 2001
<b>Amount:</b>	\$340.32

<b>Component Description:</b>	CTA Media Productions - Project Management - Jan 2020 WBVD-CD
<b>Amount:</b>	\$1,125.00

<b>Component Description:</b>	CTA Media Productions - Project Management - February 2020
<b>Amount:</b>	\$450.00

<b>Component Description:</b>	CTA Media Productions - Project Management - November 2019
<b>Amount:</b>	\$975.00

<b>Component Description:</b>	Project Management - June 2019
<b>Amount:</b>	\$1,087.50

<b>Component Description:</b>	Project Management - REVISED invoice 2002
<b>Amount:</b>	\$353.94

<b>Component Description:</b>	CTA Media Productions - Project Management - Dec 2019 - WBYD- Corrected Date on invoice
<b>Amount:</b>	\$1,012.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,855.90

<b>Component Description:</b>	Technical , Consultation and Planning Services. Attended a Conference at Rohde and Schwartz on 3/6 /2017 concerning the 399 re-pack documentation.
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,109.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,287.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,733.70

<b>Component Description:</b>	Technical , Consultation and Planning Services. Review and answering technical questions through a telephone conference call for the follow up report for the Re-pack
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Technical , Consultation and Planning Services
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,724.85
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,414.15
<b>Component Description:</b>	Technical , Consultation and Planning Services
<b>Amount:</b>	\$75.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,912.50
<b>Component Description:</b>	Project Management - April 2019
<b>Amount:</b>	\$1,597.50
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,450.85
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,397.30
<b>Component Description:</b>	CTA Media Productions - October Project Management WBVD
<b>Amount:</b>	\$1,087.50

	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,457.65</p>
	<p><b>Component Description:</b> Re-pack consulting and updating</p> <p><b>Amount:</b> \$75.00</p>
Additional Field Engineering Service, 8 Days	<p><b>Component Description:</b> Kens Towers - WBYP - Ice Bridge Design and Install - January 2020</p> <p><b>Amount:</b> \$1,500.00</p> <p><b>Component Description:</b> Pro_Service Invoice and Estimate- Re-Channel - Aug 2019</p> <p><b>Amount:</b> \$3,625.00</p> <p><b>Component Description:</b> Kens Towers - WBYP-CD -Photo Array Documentation - January 2020</p> <p><b>Amount:</b> \$2,500.00</p>
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.



Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<p><b>Component Description:</b></p> <p>The Videohouse-License to Cover Fee - WBVD - 1-9-20</p> <p><b>Amount:</b></p> <p>\$335.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b></p> <p>Interference study of repack Ch 30</p> <p><b>Amount:</b></p> <p>\$2,400.00</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b></p> <p>Preparation of engineering portion of initial FCC Application for Construction Permit for repack facility; e-filing</p> <p><b>Amount:</b></p> <p>\$1,750.00</p>

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$79,831.00</b>	<b>\$79,231.00</b>		<b>\$18,183.80</b>	
Transmission Input	<i>\$2,336.00</i>	\$2,336.00	N/A	\$2,336.00	N/A
Vehicle Rentals	<i>\$5,000.00</i>	\$5,000.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	N/A	\$1,500.00	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$10,932.00	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	N/A	\$3,415.80	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$10,000.00</b>	\$10,000.00	N/A	N/A	N/A
Non-zoning permits	<b>\$2,500.00</b>	\$2,500.00	N/A	N/A	N/A
Local Zoning	<b>\$5,000.00</b>	\$5,000.00	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
<b>Sub-total</b>	\$79,831.00	\$79,231.00	N/A	\$18,183.80	N/A
<b>Total for all systems</b>	\$1,630,026.00	\$1,388,422.01	N/A	\$288,021.62	N/A

## Components

Actual Information	
Description	File Name
Transmission Input	<p><b>Component Description:</b> Alpha Data Communications - WBVD-CD - Transmission Input Jan 2020</p> <p><b>Amount:</b> \$2,336.00</p>
Vehicle Rentals	<p><b>Component Description:</b> Pro Service - rental truck To transport RF Equipment to WBVD Tower 12-18-19- removed due to vendor not being able to supply u-haul receipt</p> <p><b>Amount:</b> N/A</p>

MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	<div> <div> <b>Component Description:</b> </div> <div> Videohouse Invoice - WBYP - Estimate and Invoice - Develop and air announcement of channel change - July 2019 </div> </div> <div> <b>Amount:</b> </div> <div> \$1,500.00 </div>
Equipment Storage	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	<div> <div> <b>Component Description:</b> </div> <div> DTV Notification - Revised estimate attached with invoice to cover the difference between 1st invoice and this one. Additional work was completed after 1st invoice submitted, therefore revising the estimate. </div> </div> <div> <b>Amount:</b> </div> <div> \$4,000.00 </div> <div> <div> <b>Component Description:</b> </div> <div> DTV Notification </div> </div> <div> <b>Amount:</b> </div> <div> \$6,932.00 </div>

Equipment Delivery and Handling Charges	<div> <div> <b>Component Description:</b> </div> <div> Handling charges - Ken's Tower's Invoice &amp; Estimate to unload the Transmitter for WBYP 12-26-19 </div> </div> <div> <b>Amount:</b> </div> <div> <div> <b>Component Description:</b> </div> <div> Electronics Research Inc - WBYP-CD Freight Charges for Antenna and Transmission Line 12-18-19 </div> </div> <div> <b>Amount:</b> </div> <div> <div> <b>Component Description:</b> </div> <div> Pro Service - Delivery and Handling Charges for RF Equipment ( Line item cost breakdown - \$200, \$62, \$63.90, \$400) V. 3 4-27-20 </div> </div> <div> <b>Amount:</b> </div>
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Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$1,630,026.00	\$1,388,422.01
			\$288,021.62

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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><b>Ron Bruno</b>  <i>Manager</i>  06/05/2020</p>

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 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).	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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><b>Ron Bruno</b> <i>Manager</i></p> <p>06/05/2020</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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"> <li>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. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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.

**Ron Bruno**  
*Manager*

06/05/2020

## Attachments

