

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 66636 Service: DCA Call WOSC-CD Channel: 26 (UHF)

Sign:

File **0000088530** 

Number:

ID:

FRN: **0015238686** Date **11/08** 

Submitted: /2019

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
THE VIDEOHOUSE, INC. Doing Business As: THE VIDEOHOUSE, INC.	RONALD J. BRUNO 975 GREENTREE ROAD PITTSBURGH, PA 15220 United States	+1 (412) 921- 7577	ron@thevideohouse. 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
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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.	Yes
Briefly describe transition plan	WOSC-CD will purchase a new antenna, transmission line and transmitter.

Question	Response
Sharee Station Facility ID	272
Call Sign	WPTG-CD
Туре	
Licensee Name	FIFTH STREET ENTERPRISES, LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	PITTSBURGH, PA
Pre-auction RF Channel	49
Post-auction RF Channel	
Neilsen DMA	Pittsburgh
Network Affiliation	

Transmitters	Section	Question	Response
Transmitters	0000	4400	тоороноо

Transmitter Related	Do you have transmitter related expenses?	Yes
Expenses		

# 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	
Manufacturer and Type	Model	NV8306
	Year	2009
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2.2 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	THU9evo-6
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	9.8 kW
	Justification for New Transmitter	The existing transmitter doesn't have sufficient output power to build WOSC-CD's displacement channel CP.

# Primary Transmitter

### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	6 inches
	Length	300.0 feet

	Other Electrical Service	Yes
	Description	480 v to 400 v transformer
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 tons
	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

Primary
Transmitter Information not provided.

**Other Transmitter Cost Not Listed** 

#### **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
	Туре	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	Broadband
	ERP: (Effective Radiated Power)	15.0 kW
	Manufacturer	

Model	771 304
Year	2000

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

Facility ID	Call Sign
272	WPTG-cd

# 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?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Class A
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	16
	Lower Limit	540.00 MHz
	Upper Limit	570.00 MHz
	Design power capacity in use	80.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	30.0 kW
	Manufacturer	

Model	TFU-16DSB- B-BB-R
Year	2019
Justification for New Antenna	The Existing antenna doesn't have enough power handling capability to build WOSC-CD's displacement CP

# Primary Antenna

# **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	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?	Broadband
	Feed Line Size	3 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

# Enter a list of RF channel numbers.

RF Channel Number	
26	
30	

### Primary Antenna

### **Other Antenna Cost Not Listed**

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# **Existing Transmission Line**

# Primary Transmission Line

n 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?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	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	510 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

# Primary Transmi

### **New Transmission Line**

nsmissio	n 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
		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	550 feet per run	
	Justification for New Transmission Line	The existing line isn't long enough	

Primary Other Transmission Line Expenses Not Listed

Transmission loine tion 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	07/01/2019

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
54002	WQED-FM	FM
41315	WQED	DTV
68395	WBYD-CD	DTV
272	WPTG-CD	DTV
65681	WTAE-TV	DTV
41314	WINP-TV	DTV

# Other Types of Users

Users
wqgn429
WWIC-LD 68411
WQBT460
WPPQ574
WPDN-LD 68062
W271CW 158245
W244CU 139106
KA2208
WQMA386

### 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

# Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	2000
	Explanation	Station does not have sufficient resource capacity and expertise in house to handle all the Project Management related tasks necessary to facilitate ontime completion of the station's build by the Construction Deadline.
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	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	8

Justification	RF Project Management of tower and transmitter installs.
	iristalis.

Outside
Outside
Professional Services Expenses Not Listed
Professional Services © ostsided.

# 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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	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

#### **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 THU9evo-6	\$694,650.00	\$600,150.00		\$0.00	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$400,000.00	N/A	N/A	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$25,550.00	N/A	N/A	N/A
25 Ton system	\$91,500.00	\$91,500.00	N/A	N/A	N/A
6" Rigid Conduit and Wiring	\$36,000.00	\$36,000.00	N/A	N/A	N/A
Other Electrical Service: 480 v to 400 v transformer	\$47,100.00	\$47,100.00	N/A	N/A	N/A
Sub-total	\$694,650.00	\$600,150.00	N/A	\$0.00	N/A
Total for all systems	\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

# Components

#### **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 TFU- 16DSB-B-BB-R	\$200,270.00	\$200,270.00		\$0.00	
New combiner, cost per channel (without antenna)	\$84,200.00	\$84,200.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$9,340.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	N/A	N/A
UHF - Lower Power, Side Mount, Class A, basic slot antenna, 16 bay,, 30 kW input, elliptically or circularly polarized	\$100,000.00	\$100,000.00	N/A	N/A	N/A
Sub-total	\$200,270.00	\$200,270.00	N/A	\$0.00	N/A
Total for all systems	\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

# Components

#### **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	\$32,450.00	\$32,450.00		\$0.00	
Flexible Air Transmission Line - dielectric, 3"	\$32,450.00	\$32,450.00	N/A	N/A	N/A
Sub-total	\$32,450.00	\$32,450.00	N/A	\$0.00	N/A
Total for all systems	\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

### Components

# **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 Primary Tower LTOWER	Predetermined Cost Estimate \$599,000.00	Estimated Cost \$599,000.00	Estimated Cost Justification	Actual Cost \$0.00	Actual Cost Justification
Complex Tower (includes, for example, those with candelabras and /or stacked antennas)	\$421,000.00	\$421,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$158,000.00	N/A	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$599,000.00	\$599,000.00	N/A	\$0.00	N/A
Total for all systems	\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

#### Components

### **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	\$476,960.00	\$476,960.00		\$0.00	
Project management of the transition	\$316,000.00	\$316,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,630.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,630.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,360.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,155.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,580.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,260.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,365.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,210.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,310.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,105.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,105.00	N/A	N/A	N/A

Comprehensive coverage verification via field study, if needed         \$84,200.00         \$84,200.00         \$16,000.00<						
Engineering Service, 8 Days  RF Exposure	coverage verification via field study, if	\$84,200.00	\$84,200.00	N/A	N/A	N/A
Measurements           Sub-total         \$476,960.00         \$476,960.00         N/A         \$0.00         N/A           Total for all         \$2,073,825.00         \$1,979,325.00         N/A         \$0.00         N/A	Engineering	\$16,000.00	\$16,000.00	N/A	N/A	N/A
<b>Total for all</b> \$2,073,825.00 \$1,979,325.00 N/A \$0.00 N/A	•	\$21,050.00	\$21,050.00	N/A	N/A	N/A
	Sub-total	\$476,960.00	\$476,960.00	N/A	\$0.00	N/A
		\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

# Components

### **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	\$70,495.00	\$70,495.00		\$0.00	
Vehicle Rentals	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Non-zoning permits	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,550.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,110.00	N/A	N/A	N/A
Sub-total	\$70,495.00	\$70,495.00	N/A	\$0.00	N/A
Total for all systems	\$2,073,825.00	\$1,979,325.00	N/A	\$0.00	N/A

# Components

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,073,825.00	\$1,979,325.00	\$0.00

Reimbursem	entestatus	Response
	The facility has ceased operating on its pre- auction channel.	
	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

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.

- 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.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Dawn
Azua
Production
Manager

11/08/2019

#### **Attachments**