

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

			-			
Facility	13924	Service: DTV	Call	WPCB-TV	Channel: 28 (UHF)	
ID:			Sign:			
File	000002	6607				
Number:						
FRN: <b>000</b>	03739364	Date	08/07			
		Submitted:	/2018			

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

#### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
CORNERSTONE	Steve	+1 (412)	sjohnson@ctvn.	Not-for-
TELEVISION, INC.	Johnson	824-	org	Profit
Doing Business As:	1 SIGNAL	3930		
CORNERSTONE	HILL DRIVE			
TELEVISION, INC.	WALL, PA			
	15148			
	United			
	States			

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Joseph C. Chautin III Attorney Hardy, Carey, Chautin & Balkin, LLP	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629-0777	jchautin@hardycarey. com

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	Prepare and execute equipment orders Prepare tower for new Antenna and transmission line Install Antenna and Transmission line Install Transmitter and related plumbing Begin testing on appropriate date

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

ransmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Purchase New
		Use	Auxiliary (Backup)
		Description of Use	Emergency Backup
		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	ITS/Axcera 830D
		Year	2000
		Туре	Solid State
		Solid State Cooling	Air Cooled
		Solid State Power Capacity	.5 kW

## Add Transmitter Information

Auxiliary	New Transmitter Costs			
Transmitter	Section New Transmitter	Question	Response	
		Use	Auxiliary (Backup)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Manufacturer		
		Model	UAXT-1	
		Transmitter Type	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power capacity	.6 kW	
		Justification for New Transmitter	We have a concern that due to its age, our existing transmitter will not be able to be retuned.	

Auxiliary	Other Transmitter Costs	smitter 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		
			1		

	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

AuxiliaryOther Transmitter CoTransmitterInformation not provided.

Primary 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	HP20SDW
		Year	2002
		Туре	Inductive Output Tube
		IOT Power Type	Single
		Power Capacity	25 kW

# Primary Add Transmitter Information

Primary	New Transmitter Costs			
Transmitter	Section	Question	Response	
	New Transmitter	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Manufacturer		
		Model	ULXTE-30	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	18 kW	
		Justification for New Transmitter	Transmitter no longer supported and manufacturer will not retune	

Primary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	No	
		Transformer (480V)	Yes	
		Power	150 kVA	
		Rigid Conduit and Wiring	Yes	
		Size	2.5 inches	
		Length	250.0 feet	
		Other Electrical Service	Yes	

	Description	Provide and install 250 AMP main breaker, 3 wire panelboard. (verify location of installation with customer) Wiring fromtransformer to 250 main breaker 3 wire panelboard. Install and wire surge suppressor.
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	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Improvement	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter	Other Transmitter Cost Not Listed		
	Name	Description	
	Electrical Install	This estimate is to install the electric components needed for the primary and backup transmitters	

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?	Yes		
		Is antenna in operating condition?	Yes		
		Is antenna located on or in close proximity to an antenna farm?	No		
	Existing Antenna	Class	Full Power		
	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)	362.0 kW		

Manufacturer	
Model	SWCSD160I /50
Year	1999

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?	No		
		Ownership	Owned		
		Owner	N/A		
		Is antenna shared?	No		
		Is antenna directional?	Yes		
		Will antenna be located on or in close proximity to an antenna farm?	No		
	New Antenna Manufacturer and Types	Class	Full Power		
		Mounting	Top Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре	Slotted Coaxial		
		Number of Stations Supported	N/A		
		Number of Panels/Bays	N/A		
		Lower Limit	N/A		
		Upper Limit	N/A		
		Design power capacity in use	N/A		
		Other Antenna Type	N/A		
		ERP: (Effective Radiated Power)	236.0 kW		
		Manufacturer			

Model	SWCDT160 /28
Year	2017
Justification for New Antenna	Existing Antenna cannot be tuned to channel 28

#### **Primary** Antenna Section Question Response **Combiner for Shared** Do you need a Combiner for a Shared No Antenna Antenna? Type Number of channels supported N/A Frequencies of channels supported N/A Frequency N/A Do you need a combiner output splitter N/A /switcher for dual feed lines? **Elbow Complex** Do you require the separate purchase of No the Elbow Complex? Broadband or Single Channel? N/A Feed Line Size N/A Side Mount Brackets Do you require the separate purchase of No 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? Do you require the sweep testing of No **Sweep Test** transmission line and antenna?

#### Other Antenna Costs

## Primary Other Antenna Cost Not Listed

Antenna Information not provided.

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

Primary	Add Transmission Line				
Transmissio	on 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 this transmission currently shared with any other stations?	No		
		Is Transmission Line in operating condition?	Yes		
	Existing Transmission	Manufacturer			
	Line Manufacturer and Type	Туре	Flexible Air		
		Diameter	4 inches		
		Other Diameter	N/A		
		Segment Length	N/A		
		Other Segment Length	N/A		
		Number of parallel runs	1		
		Length	778 feet per run		

Primary	New Transmission Line				
Transmissio	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	4 inches		
		Other Diameter	N/A		
		Segment Length	N/A		
		Other Segment Length	N/A		
		Number of parallel runs	1		
		Length	855 feet per run		
		Justification for New Transmission Line	Needed to stay on the air with current channel during build of new channel		

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion 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

Primary	Add Tower					
Tower	Section	Question	Response			
	Existing Tower Description	Type of change	Modify Existing			
		Tower Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Is this tower consider Complex?	Candelabra			
		Is this tower currently shared with any other stations?	No			
		One or more FM, AM or TV radio broadcaster(s)	N/A			
		Others Types of Users	N/A			
		Is tower documented for structural analysis?	Yes			
		Is tower compliant with Rev G?	No			
	Existing Tower Structure	Do you have a tower registration number?	Yes			
	Registration	ASR Number	1056234			
	Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	40° 23' 34.0" N-			
	1983))	Longitude (NAD83)	079° 46' 53.0" W-			
		Overall Structure Height	852.03 feet			
		Support Structure Height	791.33 feet			
		Ground Elevation Above Mean Sea Level (AMSL)	1196.85 feet			

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Cornerstone Television, Inc
Date Constructed	04/13/1999

#### **Tower Modification Costs** Primary

•	•
Tower	

Tower

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:	No reinforcements needed

#### **Tower Rigging Costs** Primary

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

#### Other Tower Expenses Not Listed Primary

Tower Information not provided.

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	40
		Explanation	Will need technical assistance with planning and coordination of new channel.
	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	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
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 roopstsided.

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	No
		Non-zoning permits	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	No
		FCC Special Temporary Authority Application	No
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
		Does this relocation require Equipment Storage?	No
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

## Other Expenses Not Listed

**Expenses** Information not provided.

### Transmitters

### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-30	\$773,573.00	\$753,764.08		\$460,418.76	
Electrical Install	\$32,793.00	\$32,793.00	N/A	N/A	N/A
Other Electrical Service: Provide and install 250 AMP main breaker, 3 wire panelboard. (verify location of installation with customer) Wiring fromtransformer to 250 main breaker 3 wire panelboard. Install and wire surge suppressor.	\$26,230.00	\$26,230.00	N/A	N/A	N/A
2.5" Rigid Conduit and Wiring	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A

State Transmitter 14.2 - 20 kW			includes replacement switch and dummy load for switching to backup transmitter.		
Auxiliary Transmitter UAXT-1	\$67,795.12	\$67,795.12		\$0.00	
UHF - Air Cooled Solid State Transmitter .6 kW	\$67,795.12	\$67,795.12	N/A	N/A	N/A
Sub-total	\$841,368.12	\$821,559.20	N/A	\$460,418.76	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	N/A

## Components

Actual Information Description	File Name
Electrical Install	Information not provided.
Other Electrical Service: Provide and install 250 AMP main breaker, 3 wire panelboard. (verify location of installation with customer) Wiring fromtransformer to 250 main breaker 3 wire panelboard. Install and wire surge suppressor.	Information not provided.
2.5" Rigid Conduit and Wiring	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.

State Transmitter 14.2 - 20	Component Description:	Transmitter:
kW	component Description.	ULXTE-30; Mask
		filter system, RF
		Accessories;
		electrical;
		installation and
		roof.
	Amount:	\$460,418.76
UHF - Air Cooled Solid	Information not provided.	
State Transmitter .6 kW		

#### Antennas

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna SWCDT16OI /28	\$247,000.00	\$235,000.00		\$0.00	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	N/A	N/A
Sub-total	\$247,000.00	\$235,000.00	N/A	\$0.00	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	N/A

### Components

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
Primary Transmission Line	\$63,270.00	\$59,570.00		\$0.00	
Flexible Air Transmission Line - dielectric, 4"	\$63,270.00	\$59,570.00	N/A	N/A	N/A
Sub-total	\$63,270.00	\$59,570.00	N/A	\$0.00	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	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 TOWER	\$441,000.00	\$477,000.00		\$229,000.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$458,000.00	PO	\$229,000.00	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
Sub-total	\$441,000.00	\$477,000.00	N/A	\$229,000.00	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	N/A

## Components

Actual Information	
Description	File Name

Complex Tower (includes,		
for example, those with	Component Description:	Removal of
candelabras and/or stacked		existing
antennas)		waveguards,
		install new
		transmission line,
		remove existing
		antenna stacks.
		Install new top
		center mounted
		SWR antenna,
		new transmission
		line to antenna.
	Amount:	\$229,000.00
Structural engineering tower	Information not provided.	
load study for a documented	montation not provided.	
tower with candelabra		

### **Outside Professional Services**

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$133,920.00	\$127,250.00		\$0.00	
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	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
Project management of the transition	\$6,320.00	\$6,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$133,920.00	\$127,250.00	N/A	\$0.00	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	N/A

## Components

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	\$21,550.00	\$21,000.00		\$0.00	
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	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
Sub-total	\$21,550.00	\$21,000.00	N/A	\$0.00	N/A
Total for all systems	\$1,748,108.12	\$1,741,379.20	N/A	\$689,418.76	N/A

#### Components

Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,748,108.12	\$1,741,379.20	\$689,418.76

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		
		<ol> <li>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> </ol>	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		<b>3.</b> 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.

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 above- named applicant for the Authorization(s) specified above.	Steve Johnson VP Operations 08/07/2018

#### Attachments