



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **28311** | Service: **DTV** | Call **WTVP** | Channel: **35 (UHF)** |  
ID: | Sign:  
File **0000028567**  
Number:  
FRN: **0003231644** | Date **03/16**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ILLINOIS VALLEY PUBLIC TELECOMMUNICATIONS CORPORATION Doing Business As: ILLINOIS VALLEY PUBLIC TELECOMMUNICATIONS CORPORATION	Lin McLaughlin 101 STATE STREET PEORIA, IL 61602 United States	+1 (309) 495- 0502	lin. mclaughlin@wtvp. org	Not-for- Profit

## 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	Major transmission systems (exciters, transmitter, mask filter, GLW1500 waveguide and antenna) require replacement. The tower structure will require reinforcement to meet REV-G.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DHD30-P1
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	30 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?	No
	Manufacturer	
	Model	UAXTE-16R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	9.6 kW
	Justification for New Transmitter	Current obsolete and unable to be retuned to new channel assignment.

**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	Additional wiring, breakers and raceways required to existing plant.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	25 tons
	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 Filter 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
<b>Installation and proof costs</b>	Costs associated with installation and proof for transmitter installation
<b>Mask Filter System</b>	Transmitter output filtering network

**Antennas**

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

## Primary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	195.0 kW

Manufacturer	
Model	ATW31H3-ET01-47S
Year	1995



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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	154.0 kW
	Manufacturer	

Model	ATW27H3-ETO-35H
Year	2019
Justification for New Antenna	Existing antenna cannot be retuned for transmitting on new channel assignment.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

<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.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	6.00 MHz
	Upper Limit	596.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	154.0 kW
	Manufacturer	
	Model	i230ECW- 16-35
	Year	2018

	Justification for New Antenna	Interim line and antenna required to keep WTVP on air during transition period
--	-------------------------------	--

**Interim Antenna**

**Other Antenna Costs**

Section	Question	Response
<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 an 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?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	No

**Interim 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?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	545 feet per run

**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	575 feet per run
	Justification for New Transmission Line	Existing GLW1500 waveguide unable to operate on new channel assignment.

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

Information not provided.



**Interim**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	390 feet per run
	Justification for New Transmission Line	Interim line and antenna required to keep WTVP on air during transition period

**Interim**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Information not provided.

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	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?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1009377
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 37' 44.0" N-
	Longitude (NAD83)	089° 34' 12.0" W-
	Overall Structure Height	598.09 feet
	Support Structure Height	543.96 feet
	Ground Elevation Above Mean Sea Level (AMSL)	749.99 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	ILLINOIS VALLEY PUBLIC TELECOMMUNICATIONS CORPORATION DBA = WTVP TV
	Date Constructed	01/01/1980

**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
6610	WCBU	FM

#### Other Types of Users

Users
Sprint Wireless
NOAA - WXJ71

#### Primary Tower

#### Tower Modification Costs

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:	Minor Reinforcements needed

#### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained

<b>Helicopter Services Required</b>	Are helicopter services required?	Yes
---	-----------------------------------	-----

**Primary  
Tower**

**Other Tower Expenses Not Listed**  
Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	Broadcaster has no employees with knowledge required for project management. WTVP does not have sufficient capacity and expertise to handle all of the reimbursement filing, expense tracking, vendor coordination, and other repack related activities.
<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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	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
<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	5
	Justification	Broadcaster has no one on staff with required knowledge base.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Attorney Fees - Other Matters	Legal Services

## 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	Yes
<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



<b>Other Expenses</b>	<b>Other Expenses Not Listed</b> Information not provided.
---------------------------	---

## 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>Primary Transmitter UAXTE-16R44</b>	<b>\$453,304.18</b>	<b>\$366,804.18</b>		<b>\$313,305.75</b>	
UHF - Air Cooled Solid State Transmitter 9.6 kW	<i>\$311,804.18</i>	\$311,804.18	Per Estimated Cost Justification WTVP-110-1st Primary Transmitter - UHF Air-Cooled Solid State 9.6 kW v1	\$305,604.18	N/A
Other Electrical Service: Additional wiring, breakers and raceways required to existing plant.	<i>\$50,000.00</i>	\$50,000.00	Estimated	\$7,701.57	N/A
25 Ton system	\$91,500.00	\$5,000.00	Estimate of ducting work to retrofit existing system to new transmitter.	N/A	N/A
Mask Filter System	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A

Installation and proof costs	\$0.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$453,304.18	\$366,804.18	N/A	\$313,305.75	N/A
<b>Total for all systems</b>	\$1,904,839.18	\$1,721,069.39	N/A	\$1,067,239.28	N/A

## Components

Actual Information	
Description	File Name
UHF - Air Cooled Solid State Transmitter 9.6 kW	<p><b>Component Description:</b> A. Transmitter</p> <p><b>Amount:</b> \$75,268.57</p> <p><b>Component Description:</b> A. Transmitter</p> <p><b>Amount:</b> \$35,989.94</p> <p><b>Component Description:</b> A. Transmitter</p> <p><b>Amount:</b> \$97,858.58</p> <p><b>Component Description:</b> Down payment on transmitter, mask filter, installation, proof and related costs</p> <p><b>Amount:</b> \$96,487.09</p>
Other Electrical Service: Additional wiring, breakers and raceways required to existing plant.	<p><b>Component Description:</b> Labor and material per the attached</p> <p><b>Amount:</b> \$7,701.57</p>
25 Ton system	Information not provided.
Mask Filter System	Information not provided.
Installation and proof costs	Information not provided.



## 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
<b>Interim Antenna i230ECW-16-35</b>	<b>\$126,250.00</b>	<b>\$154,515.00</b>		<b>\$139,063.50</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,960.00	Please see attached ERI Proposal 20180625-535	\$7,164.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	\$103,100.00	\$146,555.00	Please see attached ERI Proposal 20180625-535	\$131,899.50	N/A
<b>Primary Antenna ATW27H3-ETO-35H</b>	<b>\$308,530.00</b>	<b>\$236,725.00</b>		<b>\$202,387.50</b>	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,625.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$218,625.00	N/A	\$196,762.50	N/A
<b>Sub-total</b>	\$434,780.00	\$391,240.00	N/A	\$341,451.00	N/A
<b>Total for all systems</b>	\$1,904,839.18	\$1,721,069.39	N/A	\$1,067,239.28	N/A

## Components

Actual Information	
Description	File Name

Side mount brackets for high power antennas (if not included in antenna base cost)	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - Side Mount Brackets </div> <div> <b>Amount:</b> \$2,388.00 </div>
	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - Side Mount Brackets </div> <div> <b>Amount:</b> \$2,388.00 </div>
	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - Side Mount Brackets </div> <div> <b>Amount:</b> \$2,388.00 </div>
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - UHF - Lower Power Side Mount, E-POL </div> <div> <b>Amount:</b> \$43,966.50 </div>
	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - UHF - Lower Power Side Mount, E-POL </div> <div> <b>Amount:</b> \$43,966.50 </div>
	<div> <b>Component Description:</b> WTVP-280-Interim Antenna - UHF - Lower Power Side Mount, E-POL </div> <div> <b>Amount:</b> \$43,966.50 </div>

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	<b>Component Description:</b> WTVP-210-Primary Antenna - Sweep Test <b>Amount:</b> \$1,875.00	
	<b>Component Description:</b> WTVP-210-Primary Antenna - Sweep Test <b>Amount:</b> \$1,875.00	
	<b>Component Description:</b> WTVP-210-Primary Antenna - Sweep Test <b>Amount:</b> \$1,875.00	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b> Primary Antenna ATW27H3-ETO10-35H <b>Amount:</b> \$65,587.50	
	<b>Component Description:</b> ATW27H3-ETO10-35H <b>Amount:</b> \$65,587.50	
	<b>Component Description:</b> Primary Antenna <b>Amount:</b> \$65,587.50	



## 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
<b>Interim Transmission Line</b>	<b>\$23,010.00</b>	<b>\$17,174.91</b>		<b>\$15,457.41</b>	
Flexible Air Transmission Line - dielectric, 3"	\$23,010.00	\$17,174.91	Please see attached ERI Proposal 20180625-535	\$15,457.41	N/A
<b>Primary Transmission Line</b>	<b>\$116,150.00</b>	<b>\$107,381.30</b>		<b>\$96,643.17</b>	
Rigid Transmission Line - copper, 6 1/8"	\$116,150.00	\$107,381.30	see Estimated Cost Justification WTVP-310-Primary Transmission Line - Rigid Copper, 6 1_8 v0	\$96,643.17	N/A
<b>Sub-total</b>	<b>\$139,160.00</b>	<b>\$124,556.21</b>	<b>N/A</b>	<b>\$112,100.58</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,904,839.18</b>	<b>\$1,721,069.39</b>	<b>N/A</b>	<b>\$1,067,239.28</b>	<b>N/A</b>

### Components

#### Actual Information

Description	File Name
-------------	-----------

Flexible Air Transmission Line - dielectric, 3"	<div> <b>Component Description:</b> WTVP-380-Interim Transmission Line  - Flexible Air, 3" </div> <div> <b>Amount:</b> \$5,152.47 </div>
Flexible Air Transmission Line - dielectric, 3"	<div> <b>Component Description:</b> WTVP-380-Interim Transmission Line  - Flexible Air, 3" </div> <div> <b>Amount:</b> \$5,152.47 </div>
Flexible Air Transmission Line - dielectric, 3"	<div> <b>Component Description:</b> WTVP-380-Interim Transmission Line  - Flexible Air, 3" </div> <div> <b>Amount:</b> \$5,152.47 </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <b>Component Description:</b> WTVP-310-Primary Transmission Line  - Rigid Copper, 6 1/8" </div> <div> <b>Amount:</b> \$32,214.39 </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <b>Component Description:</b> WTVP-310-Primary Transmission Line  - Rigid Copper, 6 1/8" </div> <div> <b>Amount:</b> \$32,214.39 </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <b>Component Description:</b> WTVP-310-Primary Transmission Line  - Rigid Copper, 6 1/8" </div> <div> <b>Amount:</b> \$32,214.39 </div>

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$611,600.00	\$582,000.00		\$264,713.70	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$10,965.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$253,748.70	N/A
Tower Helicopter Lift	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Sub-total	\$611,600.00	\$582,000.00	N/A	\$264,713.70	N/A
Total for all systems	\$1,904,839.18	\$1,721,069.39	N/A	\$1,067,239.28	N/A

Components

Actual Information	
Description	File Name

<p>Structural engineering tower load study for well documented tower</p>	<table> <tr> <td data-bbox="718 174 1031 210"><b>Component Description:</b></td><td data-bbox="1163 174 1299 244">FIELD SERVICES</td></tr> <tr> <td data-bbox="718 255 831 291"><b>Amount:</b></td><td data-bbox="1163 255 1283 291">\$2,500.00</td></tr> <tr> <td data-bbox="718 394 1031 430"><b>Component Description:</b></td><td data-bbox="1163 394 1299 463">FIELD SERVICES</td></tr> <tr> <td data-bbox="718 474 831 510"><b>Amount:</b></td><td data-bbox="1163 474 1283 510">\$2,500.00</td></tr> <tr> <td data-bbox="718 613 1031 649"><b>Component Description:</b></td><td data-bbox="1163 613 1299 683">FIELD SERVICES</td></tr> <tr> <td data-bbox="718 694 831 730"><b>Amount:</b></td><td data-bbox="1163 694 1283 730">\$2,982.50</td></tr> <tr> <td data-bbox="718 833 1031 869"><b>Component Description:</b></td><td data-bbox="1163 833 1299 902">FIELD SERVICES</td></tr> <tr> <td data-bbox="718 913 831 949"><b>Amount:</b></td><td data-bbox="1163 913 1283 949">\$2,982.50</td></tr> </table>	<b>Component Description:</b>	FIELD SERVICES	<b>Amount:</b>	\$2,500.00	<b>Component Description:</b>	FIELD SERVICES	<b>Amount:</b>	\$2,500.00	<b>Component Description:</b>	FIELD SERVICES	<b>Amount:</b>	\$2,982.50	<b>Component Description:</b>	FIELD SERVICES	<b>Amount:</b>	\$2,982.50
<b>Component Description:</b>	FIELD SERVICES																
<b>Amount:</b>	\$2,500.00																
<b>Component Description:</b>	FIELD SERVICES																
<b>Amount:</b>	\$2,500.00																
<b>Component Description:</b>	FIELD SERVICES																
<b>Amount:</b>	\$2,982.50																
<b>Component Description:</b>	FIELD SERVICES																
<b>Amount:</b>	\$2,982.50																
<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>	<table> <tr> <td data-bbox="718 1077 1031 1113"><b>Component Description:</b></td><td data-bbox="1163 1077 1374 1272">WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower</td></tr> <tr> <td data-bbox="718 1283 831 1319"><b>Amount:</b></td><td data-bbox="1163 1283 1299 1319">\$84,582.90</td></tr> <tr> <td data-bbox="718 1422 1031 1458"><b>Component Description:</b></td><td data-bbox="1163 1422 1374 1617">WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower</td></tr> <tr> <td data-bbox="718 1628 831 1664"><b>Amount:</b></td><td data-bbox="1163 1628 1299 1664">\$84,582.90</td></tr> <tr> <td data-bbox="718 1767 1031 1803"><b>Component Description:</b></td><td data-bbox="1163 1767 1374 1962">WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower</td></tr> <tr> <td data-bbox="718 1973 831 2009"><b>Amount:</b></td><td data-bbox="1163 1973 1299 2009">\$84,582.90</td></tr> </table>	<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower	<b>Amount:</b>	\$84,582.90	<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower	<b>Amount:</b>	\$84,582.90	<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower	<b>Amount:</b>	\$84,582.90				
<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower																
<b>Amount:</b>	\$84,582.90																
<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower																
<b>Amount:</b>	\$84,582.90																
<b>Component Description:</b>	WTVP-410-Existing Primary Tower - Tower Rigging, Complex Tower																
<b>Amount:</b>	\$84,582.90																
<p>Tower Helicopter Lift</p>	<p>Information not provided.</p>																

Minor tower reinforcement /modifications	Information not provided.
--	---------------------------

Cost  
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$248,255.00	\$239,334.00		\$35,668.25	
Additional Field Engineering Service, 5 Days	\$5,000.00	\$5,000.00	N/A	\$0.00	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	\$292.50	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$766.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$39.00	WTVP Justification New Budget Attorney Construction Permit App (Aux)	\$39.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,386.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$1,170.00	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$585.00	Please see attached WTVP Justification for RF Eng - Construction Permit Application (Aux) - Jeremy Ruck Associates invoice 1701022	\$585.00	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$0.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$537.50	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Please see attached Widelity strategic support quote	\$24,644.75	N/A
Attorney Fees - Other Matters	<b>\$3,285.00</b>	\$3,285.00	see Estimated Cost Justification WTVP-550-Attorney - Other Matters v2	\$3,285.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,462.50	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
<b>Sub-total</b>	\$248,255.00	\$239,334.00	N/A	\$35,668.25	N/A
<b>Total for all systems</b>	\$1,904,839.18	\$1,721,069.39	N/A	\$1,067,239.28	N/A

## Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 5 Days	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	<div> <b>Component Description:</b> </div> <div>           WTVP coverage maps for prop aux /interim antenna system         </div> <div> <b>Amount:</b> </div> <div>           \$292.50         </div>
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <b>Component Description:</b> </div> <div>           WTVP-550-Attorney - Special Temporary Authorization         </div> <div> <b>Amount:</b> </div> <div>           \$109.00         </div> <div> <b>Component Description:</b> </div> <div>           Legal Services         </div> <div> <b>Amount:</b> </div> <div>           \$657.00         </div>

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$39.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$1,235.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$112.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$39.00
Prepare request for Special Temporary Authorization	<b>Component Description:</b>  <b>Amount:</b>	WTVP-530-RF Eng - Special Temporary Authorization \$1,170.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	<b>Component Description:</b>  <b>Amount:</b>	WTVP-530-RF Eng - Construction Permit Application (Aux) \$585.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	

Prepare and or review reimbursement form	<b>Component Description:</b>  <b>Amount:</b>	WTVP-590-Prepare and/or Review Reimbursement Form \$537.50
--	---	---

Project management of the transition

**Component Description:** Project Management  
**Amount:** \$303.75

**Component Description:** Project Management  
**Amount:** \$4,308.90

**Component Description:** Project Management  
**Amount:** \$86.25

**Component Description:** Project Management  
**Amount:** \$2,706.65

**Component Description:** Project Management  
**Amount:** \$3,540.05

**Component Description:** Project Management  
**Amount:** \$4,256.65

**Component Description:** Project Management  
**Amount:** \$1,147.50

**Component Description:** Project Management  
**Amount:** \$6,432.30

**Component Description:** Project Management  
**Amount:** \$1,862.70

Attorney Fees - Other  
Matters

<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$151.00
<b>Component Description:</b>	Reminder regarding WTVP repack quarterly progress report required by FCC
<b>Amount:</b>	\$598.50
<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$1,026.00
<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$105.00
<b>Component Description:</b>	WTVP-550- Attorney - Other Matters
<b>Amount:</b>	\$151.50
<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$202.00
<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$50.50
<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$50.50
<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$50.50

	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$140.00
	<b>Component Description:</b> <b>Amount:</b>	WTVP-550- Attorney - Other Matters \$56.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$35.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$50.50
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$85.50
	<b>Component Description:</b> <b>Amount:</b>	Repack Fees \$482.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$50.50
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> <b>Amount:</b>	WTVP Main 2100 CP Application for Repack \$1,500.00

<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="697 100 1114 369"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 100 1428 369"> <p>Study for coverage changes with potential replacement ERI antenna</p> </td></tr> <tr> <td data-bbox="697 369 1114 481"> <p><b>Amount:</b></p> </td><td data-bbox="1114 369 1428 481"> <p>\$682.50</p> </td></tr> <tr> <td data-bbox="697 481 1114 593"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 481 1428 593"> <p>Television repack modeling</p> </td></tr> <tr> <td data-bbox="697 593 1114 685"> <p><b>Amount:</b></p> </td><td data-bbox="1114 593 1428 685"> <p>\$780.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Study for coverage changes with potential replacement ERI antenna</p>	<p><b>Amount:</b></p>	<p>\$682.50</p>	<p><b>Component Description:</b></p>	<p>Television repack modeling</p>	<p><b>Amount:</b></p>	<p>\$780.00</p>
<p><b>Component Description:</b></p>	<p>Study for coverage changes with potential replacement ERI antenna</p>								
<p><b>Amount:</b></p>	<p>\$682.50</p>								
<p><b>Component Description:</b></p>	<p>Television repack modeling</p>								
<p><b>Amount:</b></p>	<p>\$780.00</p>								
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</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
Other Expenses	\$17,740.00	\$17,135.00		\$0.00	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$300.00</i>	\$300.00	N/A	N/A	N/A
Local Zoning	<i>\$250.00</i>	\$250.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
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	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A



Equipment Storage	<b>\$1,000.00</b>	\$1,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<b>\$1,000.00</b>	\$1,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<b>\$0.00</b>	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$17,740.00	\$17,135.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$1,904,839.18	\$1,721,069.39	N/A	\$1,067,239.28	N/A

## Components

Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$1,904,839.18	\$1,721,069.39
			\$1,067,239.28

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <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>Lin McLaughlin</b>  <b>,</b>  <b>McLaughlin</b>  <b>.</b>  <i>Dir. of Finance and Human Resources</i></p> <p>03/16/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <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>Lin McLaughlin</b>  <b>,</b>  <b>McLaughlin</b>  <b>.</b>  <i>Dir. of Finance and Human Resources</i></p> <p>03/16/2020</p>

## Attachments