

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 28311 Service: DTV Call WTVP Channel: 35 (UHF)

Sign:

ID:

File **0000028567** 

Number:

FRN: **0003231644** Date **06/10** 

Submitted: /2021

# 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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

#### Broadcaster 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
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	DHD30-P1
	Year	2003
	Туре	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
	5	

Other Electrical Service  Pescription  Additional wiring, breakers and raceways required to existing
wiring, breakers and raceways required to
plant.
Does the replacement transmitter require Yes HVAC Service?
Type Cooling Only
Size 25 tons
Other Size N/A
Ansmitter Building Idition/Modification or addition, modification, other leashold improvement  Does the Transmitter Building require an addition, modification, other leashold improvement?
Size N/A
nannel 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
Transmitter-Demo	Transmitter-Demo
Installation and proof costs	Costs associated with installation and proof for transmitter installation
Mask Filter System	Transmitter output filtering network

#### **Antennas**

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

#### **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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	195.0 kW

Manufacturer	
Model	ATW31H3- ET01-47S
Year	1995

#### **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	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	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.

#### **Other Antenna Costs**

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

Sweep Test	Do you require the sweep testing of	Yes
	transmission line and antenna?	

**Other Antenna Cost Not Listed** 

Information not provided.

#### Interim Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

#### Interim Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

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

# Primary Transmission Line

#### **Existing Transmission Line**

on Line Settion	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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	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 Transmis

#### **New Transmission Line**

ssio	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	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 loine tion not provided.

#### Interim

#### **New Transmission Line**

Transmission	Ansmission Line New Transmission Line Costs	Question	Response
		Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Туре	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 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	Type of change	Modify Existing
Description	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	Do you have a tower registration number?	Yes
Tower Structure Registration	ASR Number	1009377
Coordinates	Latitude (NAD83)	40° 37' 44.0" N-
(NAD83 ( North	Longitude (NAD83)	089° 34' 12.0" W-
American Datum of	Overall Structure Height	598.09 feet
1983))	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

Helicopter Services	Are helicopter services required?	Yes
Required		

### Primary Tower

## Other Tower Expenses Not Listed

Information not provided.

#### Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	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.
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	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
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	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
RF Field Engineering Services	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

## Other Professional Services Expenses Not Listed

Services Costs	Description
Attorney Fees - Other Matters	Legal Services

# 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	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

Other Expenses Not Listed

**Expenses** Information not provided.

# **Cost Information**

#### **Transmitters**

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

	Predetermined	Estimated	Estimated Cost		Actual Co
Description	Cost Estimate	Cost	Justification	Actual Cost	Justificati
Primary Transmitter UAXTE- 16R44	\$461,304.18	\$374,804.18		\$321,305.75	
25 Ton system	\$91,500.00	\$5,000.00	Estimate of ducting work to retrofit existing system to new transmitter.	N/A	N/A
Other Electrical Service: Additional wiring, breakers and raceways required to existing plant.	\$50,000.00	\$50,000.00	Estimated	\$7,701.57	N/A
UHF - Air Cooled Solid State Transmitter 9.6 kW	\$311,804.18	\$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
Installation and proof costs	\$0.00	\$0.00	N/A	N/A	N/A
Mask Filter System	\$0.00	\$0.00	N/A	N/A	N/A
Transmitter- Demo	\$8,000.00	\$8,000.00	Please see QCommunications quote WTVP- decomm	\$8,000.00	N/A

Sub-total	\$461,304.18	\$374,804.18	N/A	\$321,305.75	N/A
Total for all systems	\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/A

#### Components

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

Transmitter-Demo		
	Component Description:	Disconnect
		Transmitter and
		Components
	Amount:	\$8,000.00

# **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
Interim Antenna i230ECW- 16-35	\$132,980.00	\$161,391.64		\$161,391.64	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,984.55	Please see Estimated Cost Justification WTVP-280- Interim Antenna - Side Mount Brackets v0	\$7,984.55	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50- 200 kW), elliptically or circularly polarized	\$103,100.00	\$147,007.09	Please see Estimated Cost Justification WTVP-280- Interim Antenna - UHF - Lower Power Side Mount, E- POL v0	\$147,007.09	N/A
Primary Antenna ATW27H3- ETO-35H	\$308,530.00	\$241,780.26		\$229,930.25	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$0.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$223,680.26	see Estimated Cost Justification WTVP-210- Primary Antenna - UHF High Power Top Mount, E- POL v1	\$223,680.25	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
Sub-total	\$441,510.00	\$403,171.90	N/A	\$391,321.89	N/A
Total for all systems	\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/A

#### Components

<b>Actual Information</b>	
Description	File Name

Side mount brackets for high power antennas (if not **Component Description:** WTVP-280included in antenna base Interim Antenna cost) Side Mount Brackets Amount: \$2,388.00 **Component Description:** WTVP-280-Interim Antenna -Side Mount Brackets Amount: \$2,388.00 **Component Description:** WTVP-280-Interim Antenna -Side Mount Brackets Amount: \$2,388.00 **Component Description:** WTVP-280-Interim Antenna -Side Mount **Brackets** \$820.55 Amount: Sweep test of existing antenna **Component Description:** WTVP Repack Interim Antenna System Sweep Amount: \$6,400.00

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized

Component Description: WTVP-280-

Interim Antenna -UHF - Lower Power Side

Mount, E-POL

**Amount:** \$43,966.50

Component Description: WTVP-280-

Interim Antenna -UHF - Lower Power Side Mount, E-POL

**Amount:** \$43,966.50

Component Description: WTVP-280-

Interim Antenna -UHF - Lower Power Side Mount, E-POL

**Amount:** \$43,966.50

Component Description: WTVP-280-

Interim Antenna -UHF - Lower Power Side Mount, E-POL

**Amount:** \$15,107.59

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

Information not provided.

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

**Component Description:** 

Amount:

Primary Antenna

\$22,536.90

WTVP-210-

**Component Description:** 

Primary Antenna

- UHF High Power Top Mount, E-POL

**Amount:** \$4,380.85

Component Description: Primary Antenna

ATW27H3-ETO10-35H

**Amount:** \$65,587.50

Component Description: ATW27H3-

ETO10-35H

**Amount:** \$65,587.50

Component Description: Primary Antenna

**Amount:** \$65,587.50

Sweep test of existing	
antenna	

Component Description: WTVP-210-

Primary Antenna

- Sweep Test

**Amount:** \$625.00

Component Description: WTVP-210-

Primary Antenna

- Sweep Test

**Amount:** \$1,875.00

Component Description: WTVP-210-

Primary Antenna

- Sweep Test

**Amount:** \$1,875.00

Component Description: WTVP-210-

Primary Antenna

- Sweep Test

**Amount:** \$1,875.00

# **Cost** Information

#### **Transmission Line**

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

<b>Description Interim</b>	Predetermined Cost Estimate \$23,010.00	Estimated Cost \$27,542.14	Estimated Cost Justification	Actual Cost \$19,275.61	Actual Cost Justification
Transmission Line		,			
Flexible Air Transmission Line - dielectric, 3"	\$23,010.00	\$27,542.14	see Estimated Cost Justification WTVP-380- Interim Transmission Line - Flexible Air, 3_ v0	\$19,275.61	N/A
Primary Transmission Line	\$116,150.00	\$112,719.48		\$112,719.48	
Rigid Transmission Line - copper, 6 1/8"	\$116,150.00	\$112,719.48	see Estimated Cost Justification WTVP-310- Primary Transmission Line - Rigid Copper v2	\$112,719.48	N/A
Sub-total	\$139,160.00	\$140,261.62	N/A	\$131,995.09	N/A
Total for all systems	\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/A

#### Components

<b>Actual Information</b>	
Description	File Name

Flexible Air Transmission Line - dielectric, 3"

Component Description: WTVP-380-Interim

Transmission Line

- Flexible Air, 3"

**Amount:** \$3,818.20

Component Description: WTVP-380-Interim

Transmission Line
- Flexible Air, 3"

**Amount:** \$5,152.47

Component Description: WTVP-380-Interim

Transmission Line

- Flexible Air, 3"

**Amount:** \$5,152.47

Component Description: WTVP-380-Interim

Transmission Line

- Flexible Air, 3"

**Amount:** \$5,152.47

Rigid Transmission Line - copper, 6 1/8"

Component Description: WTVP-310-

Primary

Transmission Line
- Rigid Copper, 6 1

/8"

**Amount:** \$32,214.39

Component Description: WTVP-310-

Primary

Transmission Line
- Rigid Copper, 6 1

/8"

**Amount:** \$32,214.39

Component Description: WTVP-310-

Primary

Transmission Line - Rigid Copper, 6 1

/8"

**Amount:** \$32,214.39

Component Description: Primary Antenna

**Amount:** \$3,764.45

Component Description: WTVP-310-

Primary

Transmission Line
- Rigid Copper, 6 1

/8"

**Amount:** \$12,311.86

# **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
Primary Tower TOWER	\$611,600.00	\$582,165.00		\$337,623.47	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,165.00	see Estimated Cost Justification WTVP-410- Existing Primary Tower - Tower Load Study for Documented Tower V0	\$12,165.00	N/A
Tower Helicopter Lift	\$20,000.00	\$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
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$325,458.47	N/A
Sub-total	\$611,600.00	\$582,165.00	N/A	\$337,623.47	N/A
Total for all systems	\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/A

# Components

Actual Information Description	File Name	
Structural engineering tower load study for well documented tower	Component Description:  Amount:	Repack- Engineering Services 100; Services Performed by George Hottensen, FDH Infrastructure Services \$1,200.00
	Component Description: Amount:	FIELD SERVICES \$2,500.00
	Component Description: Amount:	FIELD SERVICES \$2,982.50
	Component Description: Amount:	FIELD SERVICES \$2,500.00
	Component Description: Amount:	FIELD SERVICES \$2,982.50
Tower Helicopter Lift	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	Weather day \$27,300.00

Component Description: WTVP-410-

Existing Primary Tower - Tower Rigging, Complex

Tower

**Amount:** \$84,582.90

Component Description: WTVP-410-

Existing Primary Tower - Tower Rigging, Complex

Tower

**Amount:** \$84,582.90

Component Description: WTVP-410-

Existing Primary
Tower - Tower
Rigging, Complex

Tower

**Amount:** \$84,582.90

Component Description: WTVP-410-

Existing Primary
Tower - Tower
Rigging, Complex

Tower

**Amount:** \$28,194.30

Component Description: WTVP-410-

Existing Primary
Tower - Tower
Rigging, Complex

Tower

**Amount:** \$4,515.47

**Component Description:** Weather Day **Amount:** \$11,700.00

# **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 Co
Outside Professional Services	\$265,755.00	\$257,961.50		\$161,949.05	
Attorney Fees - Other Matters	\$4,637.50	\$4,637.50	see Estimated Cost Justification WTVP-550- Attorney - Other Matters v5	\$4,295.50	N/A
Additional Field Engineering Service, 5 Days	\$21,147.50	\$21,147.50	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$21,147.50	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	\$44,024.50	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	\$1,174.50	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$953.00	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	\$2,485.50	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$2,627.50	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$2,627.50	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Please see attached Widelity strategic support quote	\$81,607.05	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,957.50	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	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	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$592.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$935.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$110.00	N/A

\$1 580 00	\$0.00	N/A	N/A	N/A
ψ.,σσσ.σσ	ψ3.30	. 371	. 4// (	. 4// (
\$265,755.00	\$257,961.50	N/A	\$161,949.05	N/A
\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/A
	<u> </u>	\$265,755.00 \$257,961.50	\$265,755.00 \$257,961.50 N/A	\$265,755.00 \$257,961.50 N/A \$161,949.05

#### Components

Actual Information Description	File Name	
Attorney Fees - Other		
Matters	Component Description:	WTVP-550-
		Attorney - Other
		Matters
	Amount:	\$101.00
	Component Description:	Legal Services
	Amount:	\$765.50
	Component Description:	Emails with L.
		McLaughlin
		regarding
		submission of
		WTVP repack
		reimbursement
		form.
	Amount:	\$105.00

Component Description: Analysis re

upcoming expiration of auxiliary

construction permit for WTVP-TV posttransition repack

facilities.

**Amount:** \$39.00

**Component Description:** 

Amount:

Legal Services

\$202.00

**Component Description:** 

Amount:

Legal Services

\$50.50

**Component Description:** 

Amount:

Legal Services

\$50.50

**Component Description:** 

Amount:

Legal Services

\$50.50

Component Description: WTVP-550-

Attorney - Other

Matters

**Amount:** \$56.00

**Component Description:** 

Amount:

Legal Services

\$35.00

**Component Description:** 

Amount:

Legal Services

\$85.50

**Component Description:** 

Amount:

Legal Services

\$151.00

**Component Description:** 

Amount:

Legal Services

\$105.00

**Component Description:** 

Amount:

Legal Services

\$50.50

**Component Description:** 

Amount:

Repack Fees

\$482.00

**Component Description:** 

Amount:

Legal Services

\$140.00

**Component Description:** 

Amount:

Legal Services

\$50.50

**Component Description:** 

WTVP-550-

Attorney - Other

Matters

Amount:

\$151.50

**Component Description:** Reminder

> regarding WTVP repack quarterly progress report required by FCC

Amount:

\$598.50

**Component Description:** 

Professional

Services Amount:

\$1,026.00

Additional Field Engineering Service, 5 Days	Component Description:  Amount:	WTVP-580-Field Engineering Services - 5 Days Field Engineering Services \$21,147.50
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description: Amount:	Comprehensive Coverage Verification \$43,732.00
	Component Description:	WTVP coverage maps for prop aux /interim antenna system
ASR modification (prepare FCC Form 854)	Amount:  Information not provided.	\$292.50

Attorney Fees - Prepare and File request for Special Temporary Authorization

Component Description:

Amount:

STA \$291.50

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

\$78.00

Amount:

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

**Amount:** \$39.00

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

**Amount:** \$109.00

Component Description:

Amount:

Legal Services

\$657.00

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application

Component Description: V

WTVP-550-

Attorney - License

to Cover

Application (Main)

**Amount:** \$809.00

Component Description: Review grant of

license to cover application for

WTVP

**Amount:** \$144.00

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Component Description: Amount:	Legal Services \$39.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Legal Services \$112.00
	Component Description: Amount:	Legal Services \$1,235.00
	Component Description: Amount:	Legal Services \$39.00
	Component Description: Amount:	Construction Permit \$1,099.50
Prepare request for Special Temporary Authorization	Component Description:  Amount:	WTVP-530-RF Eng - Special Temporary Authorization \$1,457.50
	Component Description:	WTVP-530-RF Eng - Special Temporary Authorization
Project management of the transition	Amount:  Component Description:	\$1,170.00  Project  Management
	Amount:	\$3,510.55

**Component Description:** Project

Management

Amount:

\$1,450.45

**Component Description:** Project

Management

Amount: \$4,951.60

**Component Description:** Project

Management

Amount: \$1,455.00

**Component Description:** Internal Labor for

> Jim Jordan, Brett Ring and Bill Porter

Amount: \$6,737.50

**Component Description:** Project

Management

Amount: \$3,913.70

**Component Description:** Project

Management

Amount: \$1,046.25

**Component Description:** Project

Management

Amount: \$3,817.90

**Component Description:** Project

Management

Amount: \$2,706.65

**Component Description:** Project

Management

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

management

Amount:

\$3,878.55

**Component Description:** 

Project Management

Amount:

\$4,223.75

**Component Description:** 

Project

Amount:

Management \$3,962.95

Component Description:

Project

Amount:

Management \$4,256.65

**Component Description:** 

Project

Amount:

Management

\$86.25

**Component Description:** 

Project

Amount:

Management

\$3,808.10

**Component Description:** 

Project

Amount:

Management

\$6,432.30

**Component Description:** 

Project Management

Amount:

\$5,447.65

**Component Description:** 

Project Management

\$1,147.50

Amount:

Component Description: Project

Management

**Amount:** \$2,366.25

Component Description: Project

Management

**Amount:** \$5,267.10

Component Description: Project

management

**Amount:** \$1,125.00

Component Description: Project

Management

**Amount:** \$1,862.70

Component Description: Project

Management

**Amount:** \$303.75

**Component Description:** Project

Management

**Amount:** \$4,308.90

Perform engineering study for new channel WTVP-530-RF Eng **Component Description:** assignment and antenna - Engineering Study development for New Channel Assignment Amount: \$495.00 **Component Description:** Study for coverage changes with potential replacement ERI antenna Amount: \$682.50 **Component Description:** Television repack modeling Amount: \$780.00 **Component Description:** Preliminary Telephone Consultation for Repack Study Amount: \$3,022.50

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

**Component Description:** 

Invoice to be

Amount:

removed per client

N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application

**Component Description:** 

Invoice to be

removed per client

Amount:

N/A

Prepare and or review		
reimbursement form	Component Description:	WTVP-590-Prepare
		and/or Review
		Reimbursement
		Form
	Amount:	\$55.00
	Component Description:	WTVP-590-Prepare
		and/or Review
		Reimbursement
		Form
	Amount:	\$537.50
Address transition timing		
and coordination issues w/	Component Description:	WTVP-590-
other stations and wireless		Transition Timing
		and Coordination
	Amount:	\$935.00
Prepare engineering		
section of FCC Form 2100	Component Description:	WTVP-530-RF Eng
(main), License to Cover	Component 2 compiler	- License to Cover
Application		Application (Main)
	Amount:	\$110.00
RF Consulting Engineer	Information not provided.	
Fees- Aux Antenna:	P. C.	
Prepare engineering		
section of FCC Form 2100,		
License to Cover		
Application		

# **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	Estimated	Estimated Cost Justification	Actual Cost	Actual
Description	Cost Estimate	Cost	Justification	Actual Cost	Justific
Other Expenses	\$20,700.00	\$20,095.00		\$6,360.00	
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	see WTVP MVPD Notification quote Widelity	\$1,200.00	N/,
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	N/A	N/,
Equipment Storage	\$1,000.00	\$1,000.00	N/A	N/A	N/,
Equipment Delivery and Handling Charges	\$1,000.00	\$1,000.00	N/A	N/A	N/,
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,760.00	\$2,760.00	Please see WTVP QCommunications quote WTVP- decomm	\$2,760.00	N/,
Non-zoning permits	\$300.00	\$300.00	N/A	N/A	N/,
Local Zoning	\$250.00	\$250.00	N/A	N/A	N/ı
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/,

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,400.00	N/a
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/,
Sub-total	\$20,700.00	\$20,095.00	N/A	\$6,360.00	N/a
Total for all systems	\$1,940,029.18	\$1,778,459.20	N/A	\$1,350,555.25	N/a

# Components

Actual Information Description	File Name	
MVPD Notification of Channel Change	Component Description: Amount:	WTVP MVPD Notification \$1,200.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	WTVP-610- Disposal Costs \$2,760.00
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	

FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	WTVP Medical Notification \$2,400.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	

# Cost Information

# **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,940,029.18	\$1,778,459.20	\$1,350,555.25

Reimbursem	enrestiatus	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

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.

# Lin McLaughlin Director of Finance and Human Resources

06/10/2021

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 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 certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 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.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

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

# Lin McLaughlin Director of Finance and Human Resources

06/10/2021

Section Question Response

Submission of Final Allocation or Accounting Information 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 and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The abovenamed entity acknowledges that all certifications and attached documentation are considered material representations.
- 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.

- 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 abovenamed applicant for the Authorization(s) specified above. Lin McLaughlin Director of Finance and Human Resources

06/10/2021

# **Attachments**