

(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 **07/21**

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 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	Section Question	
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	Yes
	Description	Additional wiring, breakers and raceways required to existing plant.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

,	Name	Description
	Installation and proof costs	Costs associated with installation and proof for transmitter installation
	Mask Filter System	Transmitter output filtering network

Antennas

Section	Section Question	
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 ^{Seffien}	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	Type of change	Modify Existing
Tower 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
NOAA - WXJ71
Sprint Wireless

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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter UAXTE- 16R44	\$453,304.18	\$366,804.18		\$313,305.75	
Mask Filter System	\$0.00	\$0.00	N/A	N/A	N/A
Installation and proof costs	\$0.00	\$0.00	N/A	N/A	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
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	\$311,804.18	\$311,804.18	Per	\$305,604.18	N/A
Cooled			Estimated		
Solid State			Cost		
Transmitter			Justification		
9.6 kW			WTVP-110-		
			1st Primary		
			Transmitter		
			- UHF Air-		
			Cooled		
			Solid State		
			9.6 kW v1		
Sub-total	\$453,304.18	\$366,804.18	N/A	\$313,305.75	N/A
Total for	\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A
all					
systems					

Components

Actual Information Description	File Name	
Mask Filter System	Information not provided.	
Installation and proof costs	Information not provided.	
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:

Amount:

A. Transmitter \$75,268.57

Component Description:

Amount:

A. Transmitter

\$35,989.94

Component Description:

Amount:

A. Transmitter \$97,858.58

Component Description: Down payment on

transmitter, mask filter, installation, proof and related

costs

Amount: \$96,487.09

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 Cos 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
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Primary Antenna ATW27H3- ETO-35H	\$308,530.00	\$237,399.41		\$225,549.41	

High						
test of existing antenna Elbow \$12,300.00 \$11,700.00 N/A N/A N/A N/A complex, single channel, at antenna input, per 6 1/8. feedline (if needed) Sub-total \$441,510.00 \$398,791.05 N/A \$386,941.05 N/A Total for \$1,912,921.68 \$1,741,913.90 N/A \$1,218,413.44 N/A all	High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly	\$289,500.00	\$219,299.41	Estimated Cost Justification WTVP-210- Primary Antenna - UHF High Power Top Mount, E-	\$219,299.41	N/A
complex, single channel, at antenna input, per 6 1/8. feedline (if needed) Sub-total \$441,510.00 \$398,791.05 N/A \$386,941.05 N/A Total for \$1,912,921.68 \$1,741,913.90 N/A \$1,218,413.44 N/A all	test of existing	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
Total for \$1,912,921.68 \$1,741,913.90 N/A \$1,218,413.44 N/A all	complex, single channel, at antenna input, per 6 1/8. feedline (if	\$12,300.00	\$11,700.00	N/A	N/A	N/A
all	Sub-total	\$441,510.00	\$398,791.05	N/A	\$386,941.05	N/A
		\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A

Components

Actual Information	
Description	File Name

Side mount brackets for high power antennas (if not included in antenna base cost)

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

Amount: \$2,388.00

Component Description: WTVP-280-

Interim Antenna -

Side Mount Brackets

Amount: \$820.55

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

A 40 000 -0

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-

UHF - Lower Power Side Mount, E-POL

Interim Antenna -

Amount: \$43,966.50

Component Description: WTVP-280-

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

Amount: \$15,107.59

Sweep test of existing antenna

Component Description: WTVP Repack

Interim Antenna System Sweep \$6,400,00

Amount: \$6,400.00

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

Component Description: Primary Antenna

> ATW27H3-ETO10-35H \$65,587.50

Amount:

Component Description: ATW27H3-

ETO10-35H

Amount:

\$65,587.50

Component Description:

Primary Antenna

Amount:

\$65,587.50

Component Description:

\$22,536.91

Primary Antenna

Amount:

Sweep test of existing antenna

WTVP-210-**Component Description:**

> Primary Antenna - Sweep Test

Amount: \$1,875.00

WTVP-210-**Component Description:**

Primary Antenna

- Sweep Test

Amount: \$1,875.00

Component Description: WTVP-210-

> Primary Antenna - Sweep Test

Amount: \$1,875.00

WTVP-210-**Component Description:**

> Primary Antenna - Sweep Test

\$625.00 Amount:

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

Information not provided.

Cost Information

Transmission Line

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

	Predetermined	Estimated	Estimated Cost		Actual Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Interim Transmission Line	\$23,010.00	\$27,542.14		\$19,275.61	
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	\$108,955.03		\$108,955.03	
Rigid Transmission Line - copper, 6 1/8"	\$116,150.00	\$108,955.03	see Estimated Cost Justification WTVP-310- Primary Transmission Line - Rigid Copper, 6 1_8 v1	\$108,955.03	N/A
Sub-total	\$139,160.00	\$136,497.17	N/A	\$128,230.64	N/A
Total for all systems	\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A

Components

Actual Information		
Description	File Name	

Flexible Air Transmission Line - dielectric, 3"

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

Component Description: WTVP-380-Interim

Transmission Line

- Flexible Air, 3"

Amount: \$3,818.20

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: 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 Justification
Primary Tower TOWER	\$611,600.00	\$582,000.00		\$331,908.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$320,943.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tower Helicopter Lift	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$10,965.00	N/A
Sub-total	\$611,600.00	\$582,000.00	N/A	\$331,908.00	N/A
Total for all systems	\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A

Components

Actual Information		
Description	File Name	

Complex Tower (includes, for example, those with candelabras and/or stacked	Component Description:	WTVP-410-
antennas)		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
	Amount:	Tower \$28,194.30
	, and and	Ψ20,101.00
	Component Description:	Weather day
	Amount:	\$27,300.00
	Component Description:	Weather Day
	Amount:	\$11,700.00
Minor tower reinforcement /modifications	Information not provided.	
Tower Helicopter Lift	Information not provided.	

Structural engineering tower load study for well documented tower

Component Description: FIELD

SERVICES

Amount: \$2,500.00

Component Description: FIELD

SERVICES

Amount: \$2,500.00

Component Description: FIELD

SERVICES

Amount: \$2,982.50

Component Description: FIELD

SERVICES

Amount: \$2,982.50

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
Outside Professional Services	\$249,607.50	\$240,686.50		\$58,028.00	
Attorney Fees - Other Matters	\$4,637.50	\$4,637.50	see Estimated Cost Justification WTVP-550- Attorney - Other Matters v5	\$4,256.50	N/A
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	\$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	\$1,500.00	N/A	\$1,170.00	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 engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,485.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Please see attached Widelity strategic support quote	\$42,634.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$537.50	N/A

Sub-total	\$249,607.50	\$240,686.50	N/A	\$58,028.00	N/A
Total for all systems	\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A

Components

Components		
Actual Information Description	File Name	
Attorney Fees - Other Matters	Component Description: Amount:	Legal Services \$765.50
	Component Description:	Emails with L. McLaughlin regarding submission of WTVP repack reimbursement form.
	Amount:	\$105.00
	Component Description: Amount:	Legal Services \$151.00
	Component Description:	Reminder regarding WTVP repack quarterly progress report required by FCC
	Amount:	\$598.50
	Component Description:	Professional Services
	Amount: Component Description: Amount:	\$1,026.00 Legal Services \$105.00

Component Description: WTVP-550-

Attorney - Other

Matters

Amount: \$101.00

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:

Amount:

Legal Services

\$140.00

Component Description: WTVP-550-

Attorney - Other

Matters

Amount: \$56.00

Component Description:

Amount:

Legal Services

\$35.00

Component Description:

Amount:

Legal Services

\$50.50

Component Description:

Amount:

Legal Services

\$85.50

Component Description: Repack Fees \$482.00 Amount: **Component Description:** WTVP-550-Attorney - Other Matters Amount: \$151.50 **Component Description:** Legal Services Amount: \$50.50 Additional Field Information not provided. Engineering Service, 5 Days RF Exposure Information not provided. Measurements Comprehensive coverage verification via field study, **Component Description:** WTVP coverage if needed maps for prop aux /interim antenna system Amount: \$292.50 ASR modification (prepare Information not provided. FCC Form 854)

Attorney Fees - Prepare and File request for Special Temporary Authorization

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

Amount: \$78.00

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

Amount: \$39.00

Component Description: Legal Services

Amount: \$657.00

Component Description: WTVP-550-

Attorney - Special

Temporary Authorization

Amount: \$109.00

Component Description: STA

Amount: \$291.50

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

Component Description: Review grant of

license to cover application for

WTVP

Amount: \$144.00

Component Description: WTVP-550-

Attorney - License

to Cover

Application (Main)

Amount: \$809.00

Component Description: Amount: Component Description: Amount:	Legal Services \$39.00 Legal Services \$1,235.00
	-
Component Description: Amount:	Construction Permit \$1,099.50
Component Description: Amount:	Legal Services \$112.00
Component Description: Amount:	Legal Services \$39.00
Component Description: Amount:	WTVP-530-RF Eng - Special Temporary Authorization \$1,170.00
Information not provided.	
Information not provided.	
	Component Description: Amount: Information not provided.

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Component Description: Amount:	Invoice to be removed per client N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Invoice to be removed per client N/A
Perform engineering study for new channel assignment and antenna development	Component Description:	Study for coverage changes with potential replacement ERI
	Amount:	antenna \$682.50
	Component Description:	Television repack modeling
	Amount: Component Description:	\$780.00 Preliminary Telephone
	Amount:	Consultation for Repack Study \$3,022.50
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Project management of the transition	Component Description:	Project
	Amount:	Management \$4,951.60
	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

Amount:

Management \$3,962.95

Component Description:

Project

Amount:

Management \$2,706.65

Component Description:

Project

Amount:

Management

\$3,540.05

Component Description:

Project

Amount:

Management

\$4,256.65

Component Description:

Project

Amount:

Management

\$6,432.30

Component Description:

Project Management

Amount:

Φ4 4 47 50

\$1,147.50

Component Description:

Project

Amount:

Management \$1,862.70

Component Description: Project Management \$3,808.10 Amount: **Component Description:** Project Management Amount: \$5,267.10 Prepare and or review reimbursement form **Component Description:** WTVP-590-Prepare and/or Review Reimbursement Form Amount: \$537.50

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	
MVPD Notification of Channel Change	\$0.00	\$0.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Equipment Storage	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Non-zoning permits	\$300.00	\$300.00	N/A	N/A	N/A
Local Zoning	\$250.00	\$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

Total for all systems	\$1,912,921.68	\$1,741,913.90	N/A	\$1,218,413.44	N/A
Sub-total	\$17,740.00	\$17,135.00	N/A	\$0.00	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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,912,921.68	\$1,741,913.90	\$1,218,413.44

Reimbursem	entestiatus	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 HR

07/21/2020

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 HR

07/21/2020

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 HR

07/21/2020

Attachments