



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **8617** | Service: **DTV** | Call **WTVD** | Channel: **9 (High VHF)**
 ID: | Sign:
 File **0000026327**
 Number:
 FRN: **0013597448** | Date **09/08**
 Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WTVD TELEVISION, LLC	77 WEST 66TH STREET, 16TH FLR	+1 (212) 456-7387	john.w.zucker@abc.com	Limited Liability Company
Doing Business As: WTVD TELEVISION, LLC	ATTN: JOHN W. ZUCKER, ESQ. NEW YORK, NY 10023 United States			

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
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<p>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.</p>	<p>No</p>
<p>Briefly describe transition plan</p>	<p>Please see attachment for WTVD facilities and transition plan details.</p>

Transmitters

Section	Question	Response
<p>Transmitter Related Expenses</p>	<p>Do you have transmitter related expenses?</p>	<p>Yes</p>

**Auxiliary
Transmitter****Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	PTCD40P4i
	Year	2010
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	16 kW

**Auxiliary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE-24R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	The current channel 11 Auxiliary (Backup) transmitter cannot be re-channelled to meet new assignment on channel 9.

**Auxiliary
Transmitter**

Other Transmitter Costs

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

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
HVAC Modifications	Modification of HVAC return ductwork
Electrical Installation	Electrical work related to replacement of old transmitter
Transmission line	Additional 3 inch unflanged transmission line required for transmitter installation.

**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 and Type	Manufacturer	
	Model	PTCD40P4i
	Year	2010
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	16 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	VAXTE-24R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	The current channel 11 Primary (Main) transmitter cannot be re-channelled to meet new assignment on channel 9

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold 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
HVAC modifications	Modification of HVAC return ductwork.
Electrical Installation	Electrical work related to replacement of old transmitters.

Antennas

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

**Auxiliary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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)	45.0 kW

Manufacturer	
Model	TLS-V8/VP-R S180
Year	2010

**Auxiliary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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)	45.0 kW
Manufacturer		

Model	TLS-V8 /VPR S180
Year	2018
Justification for New Antenna	The current channel 11 Auxiliary (Backup) antenna cannot be re-channelled to meet new assignment on channel 9.

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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	Circular
	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)	45.0 kW

Manufacturer	
Model	THV-9A11 /CP-R O4
Year	2010

**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	Circular
	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)	45.0 kW
Manufacturer		

Model	THV-9A9 /CP-R O4
Year	2018
Justification for New Antenna	The current channel 11 Primary (Main) antenna cannot be re-channelled to meet new assignment on channel 9

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	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
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 transmission line and antenna?	Yes

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Mounting pole	New channel 9 Primary (Main) antenna requires a shorter mounting pole to maintain current antenna aperture and HAAT.

Transmission Line	Section	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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?		
	Is this tower currently shared with any other stations?	No	
	One or more FM, AM or TV radio broadcaster(s)	N/A	
	Others Types of Users	N/A	
	Is tower documented for structural analysis?	Yes	
	Is tower compliant with Rev G?	No	
Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
	ASR Number	1010348	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 40' 06.0" N-	
	Longitude (NAD83)	078° 31' 58.0" W-	

Overall Structure Height	1994.07 feet
Support Structure Height	1885.80 feet
Ground Elevation Above Mean Sea Level (AMSL)	318.89 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WTVD Television, LLC
Date Constructed	01/01/1978

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	Other
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description
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Tower reinforcements	Reinforcements necessary to comply with ANSI/TIA-222-G standard
Top Beacon	Top beacon and cable, Quotation Q312202, dated March 12, 2020

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application
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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed

Outside Professional Services Costs

Name	Description
Structural Analysis	Structural analysis to comply with TIA/EIA-222-G and design of required reinforcement.
Structural project management	Structural Engineering services to manage tower reinforcements, antenna replacements and rigging plans.
Legal Advice re Reimbursement Process	Outside counsel advice re reimbursement and repacking procedures.

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	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Equipment Delivery and Handling Charges	Complex site requires substantial handling equipment and charges.

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 VAXTE-24R44	\$583,834.25	\$545,743.21		\$443,629.81	
High VHF - Air Cooled Solid State Transmitter 16.6 . 20.7 kW	\$526,000.00	\$523,707.10	See attached quote from GatesAir, which includes costs of power transformer, mask filter, shipping, and installation.	\$425,093.70	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$2,401.86	N/A	\$2,401.86	N/A
Electrical Installation	<i>\$16,134.25</i>	\$16,134.25	N/A	\$16,134.25	N/A
HVAC modifications	<i>\$3,500.00</i>	\$3,500.00	Modifications to HVAC return ductwork to accommodate new transmitter	N/A	N/A
Auxiliary Transmitter VAXTE-24R44	\$612,084.25	\$551,854.75		\$447,677.90	
Switchgear - industrial 800 amp	\$38,200.00	\$2,401.86	N/A	\$2,401.86	N/A
Electrical Installation	<i>\$16,134.25</i>	\$16,134.25	N/A	\$16,134.25	N/A

Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$3,411.54	75 KVA transformer for auxiliary transmitter power supply.	\$3,411.54	N/A
High VHF - Air Cooled Solid State Transmitter 16.6 . 20.7 kW	\$526,000.00	\$523,707.10	See attached quote from GatesAir, which includes costs of power transformer, mask filter, shipping, and installation	\$425,730.25	N/A
HVAC Modifications	<i>\$3,500.00</i>	\$3,500.00	Modifications to HVAC return ductwork to accommodate new transmitter	N/A	N/A
Transmission line	<i>\$2,700.00</i>	\$2,700.00	Insufficient transmission line was included in GatesAir quote to complete installation of auxiliary transmitter.	N/A	N/A
Sub-total	\$1,195,918.50	\$1,097,597.96	N/A	\$891,307.71	N/A
Total for all systems	\$3,144,645.21	\$2,539,381.67	N/A	\$2,066,303.71	N/A

Components

Actual Information	
Description	File Name
High VHF - Air Cooled Solid State Transmitter 16.6 . 20.7 kW	

Component Description: Main TX Second
Payment Invoice
#US0329473
Amount: \$61,360.88

Component Description: Freight for main
transmitter,
Second Payment
Invoice
#US0329473
Amount: \$1,185.00

Component Description: Amount reduced
in change order Q-
80769 (9,008.26
-1,412.99), mask
filter system main
TX Second
Payment Invoice
#US0329473
Amount: \$7,595.27

Component Description: Electrical for main
transmitter,
Second Payment
Invoice
#US0329473
Amount: \$226.62

Component Description: installation and
proof for main
transmitter,
Second Payment
Invoice
#US0329473
Amount: \$3,485.12

Component Description: 70% down mask
filter system for
main transmitter
Amount: \$42,038.55

	<p>Component Description: 70% down, Freight for main transmitter</p> <p>Amount: \$5,530.00</p>
	<p>Component Description: 70% down, install and proof for main transmitter</p> <p>Amount: \$16,263.90</p>
	<p>Component Description: 70% down Electrical for main transmitter</p> <p>Amount: \$1,057.57</p>
	<p>Component Description: 70% down payment, transmitter VAXTE-24, main</p> <p>Amount: \$286,350.79</p>
Switchgear - industrial 800 amp	<p>Component Description: Switchgear for the Repack for WTVD TV, as agreed in Quote 1136</p> <p>Amount: \$2,401.86</p>
Electrical Installation	<p>Component Description: Main transmitter Electrical installation for the Repack for WTVD TV, as agreed in Quote 1136.</p> <p>Amount: \$16,134.25</p>
HVAC modifications	Information not provided.

<p>Switchgear - industrial 800 amp</p>	<p>Component Description: Aux transmitter Electrical installation Switchgear for the Repack for WTVD TV, as agreed in Quote 1136</p> <p>Amount: \$2,401.86</p>
<p>Electrical Installation</p>	<p>Component Description: Aux transmitter Electrical installation for the Repack for WTVD TV, as agreed in Quote 1136</p> <p>Amount: \$16,134.25</p>
<p>Transformer 3 phase/480v - 150 KVA</p>	<p>Component Description: Aux transmitter Electrical installation 480V transformer for the Repack for WTVD TV, as agreed in Quote 1136</p> <p>Amount: \$3,411.54</p>
<p>High VHF - Air Cooled Solid State Transmitter 16.6 . 20.7 kW</p>	<p>Component Description: (Amount reduced in change order Q-80771 (9,008.26-1,412.99), mask filter system main TX Second Payment Invoice #US0329472</p> <p>Amount: \$7,595.27</p>

Component Description: (Amount includes change order Q-80891, Adds \$636.54 to \$61360.88) Aux TX Second Payment Invoice #US0329472
Amount: \$61,997.43

Component Description: Freight for Aux transmitter, Second Payment Invoice #US0329472
Amount: \$1,185.00

Component Description: installation and proof for Aux transmitter, Second Payment Invoice #US0329472
Amount: \$3,485.12

Component Description: Electrical for Aux transmitter, Second Payment Invoice #US0329472
Amount: \$226.62

Component Description: 70% down, Freight for Aux transmitter
Amount: \$5,530.00

Component Description: 70% down Electrical for Aux transmitter
Amount: \$1,057.57

Component Description: 70% down mask filter system for Aux transmitter
Amount: \$42,038.55

Component Description: 70% down payment, install and proof for Aux transmitter
Amount: \$16,263.90

Component Description: 70% down payment, transmitter VAXTE-24, aux
Amount: \$286,350.79

HVAC Modifications	Information not provided.
Transmission line	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
Primary Antenna THV-9A9 /CP-R 04	\$450,529.00	\$444,923.00		\$384,664.96	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$7,024.00	This cost is included in the attached Dielectric Main antenna quote.	\$5,926.50	N/A
Mounting pole	<i>\$125,722.00</i>	\$125,722.00	A shorter mounting pole for the new channel 9 Primary antenna is required to maintain current antenna aperture and HAAT. The cost for this mounting pole is included in the attached Dielectric Primary (Main) antenna quote.	\$114,250.50	See Main Antenna Attachment for vendor letter and Cost Breakdown (3-08-2019)

High VHF - High Power Top Mount One Station elliptically or circularly polarized	<i>\$305,777.00</i>	\$305,777.00	See attached quote from Dielectric. This Primary (Main) top- mount channel 9 antenna is a direct replacement for our current channel 11 Primary (Main) antenna.	\$258,727.96	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	This cost is included in the attached Dielectric Main antenna quote.	\$5,760.00	N/A
Auxiliary Antenna TLS-V8 /VPR S180	\$144,768.00	\$129,742.00		\$117,532.35	
High VHF - High Power Side Mount One Station elliptically or circularly polarized	<i>\$105,318.00</i>	\$105,318.00	See attached quote from Dielectric. This Auxiliary (Backup) side-mount channel 9 antenna is a direct replacement for our current channel 11 Auxiliary (Backup) antenna.	\$94,976.00	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	This cost is included in the attached Dielectric Auxiliary (Backup) antenna quote.	\$5,658.35	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$7,024.00	This cost is included in the attached Dielectric Auxiliary (Backup) antenna quote.	\$6,585.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$11,000.00	This cost is included in the attached Dielectric Auxiliary (Backup) antenna quote.	\$10,313.00	N/A
Sub-total	\$595,297.00	\$574,665.00	N/A	\$502,197.31	N/A
Total for all systems	\$3,144,645.21	\$2,539,381.67	N/A	\$2,066,303.71	N/A

Components

Actual Information	
Description	File Name

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<p>Component Description: "prior to ship" invoice, line 4 Amount: \$4,280.25</p>
	<p>Component Description: "prior to ship" invoice, line 4 Amount: \$4,280.25</p>
	<p>Component Description: 25% down payment, line 4 of invoice Amount: \$1,646.25</p>
<p>Mounting pole</p>	<p>Component Description: "prior to ship" invoice, line 2 Amount: \$82,514.25</p>
	<p>Component Description: 25% down payment Amount: \$31,736.25</p>
<p>High VHF - High Power Top Mount One Station elliptically or circularly polarized</p>	<p>Component Description: "prior to ship" invoice, line 7 Amount: \$1,117.03</p>
	<p>Component Description: "prior to ship" invoice, line 1 Amount: \$176,735.65</p>
	<p>Component Description: "prior to ship" invoice, line 6 Amount: \$864.50</p>

Component Description: "prior to ship"
invoice, line 5
Amount: \$1,208.02

Component Description: "prior to ship"
invoice, line 3
Amount: \$5,557.50

Component Description: "prior to ship"
invoice, line 8
Amount: \$1,376.38

Component Description: 25% down
payment, Main
Antenna, line 1
Amount: \$67,975.25

Component Description: 25% down
payment, line 5 of
Invoice
Amount: \$464.62

Component Description: 25% down
payment, line 3 on
invoice
Amount: \$2,137.50

Component Description: 25% down
payment, line 6 of
Invoice
Amount: \$332.50

Component Description: 25% down
payment, line 8 of
Invoice
Amount: \$529.38

	<p>Component Description: 25% down payment, line 7 of Invoice</p> <p>Amount: \$429.63</p>
Sweep test of existing antenna	<p>Component Description: "prior to ship" invoice, line 9</p> <p>Amount: \$4,160.00</p> <p>Component Description: 25% down payment, line 9 of Invoice</p> <p>Amount: \$1,600.00</p>
High VHF - High Power Side Mount One Station elliptically or circularly polarized	<p>Component Description: freight, aux antenna invoice 608035</p> <p>Amount: \$4,016.25</p> <p>Component Description: final payment Aux Antenna invoice 517014 (lines 1,4, & 5)</p> <p>Amount: \$31,576.33</p> <p>Component Description: 25% down payment, line 1 of Aux Ant Invoice</p> <p>Amount: \$21,892.50</p> <p>Component Description: "prior to ship" invoice, line 1</p> <p>Amount: \$35,028.00</p>

Component Description: 25% down
payment, line 5 of
Aux Ant Invoice
Amount: \$217.00

Component Description: 25% down
payment, line 4 of
Aux Ant Invoice
Amount: \$285.25

Component Description: 25% down
payment, line 6 of
Aux Ant Invoice
Amount: \$445.03

Component Description: "prior to ship"
invoice, line 6
Amount: \$712.04

Component Description: "prior to ship"
invoice, line 4
Amount: \$456.40

Component Description: "prior to ship"
invoice, line 5
Amount: \$347.20

Sweep test of existing antenna

Component Description:

Correct reimbursement amount is \$2240.00 for invoice 675009rev (6400-1498.35). The \$4901.65 credit issued under Invoice # 517014 was split into the final payment, (\$1498.35 amount includes adjustment made to invoice 517014, see attachment \$1,498.35

Amount:

Component Description:

25% down payment, line 7 of Aux Ant Invoice \$1,600.00

Amount:

Component Description:

"prior to ship" invoice, line 7 \$2,560.00

Amount:

<p>Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)</p>	<p>Component Description: final payment,Aux Ant invoice 517014, line 2</p> <p>Amount: \$2,304.75</p>
	<p>Component Description: "prior to ship" invoice, line 2</p> <p>Amount: \$2,634.00</p>
	<p>Component Description: 25% down payment, line 2 of Aux Ant Invoice</p> <p>Amount: \$1,646.25</p>
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Component Description: final payment,Aux Ant invoice 517014, line 3</p> <p>Amount: \$3,609.55</p>
	<p>Component Description: 25% down payment, line 3 of Aux Ant Invoice</p> <p>Amount: \$2,578.25</p>
	<p>Component Description: "prior to ship" invoice, line 3</p> <p>Amount: \$4,125.20</p>

Cost Information

Transmission Line

Information not provided.

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 Justification
Primary Tower TOWER	\$1,143,528.00	\$671,354.00		\$635,177.00	
Tower reinforcements	<i>\$59,650.00</i>	\$59,650.00	Tower reinforcements are necessary to comply with TIA /EIA-222-G standards with the new antenna loads.	\$30,173.00	S attac for T M pay \$30,1 total e The \$ quote 07-03 will r us
Minor tower reinforcement /modifications	\$158,000.00	\$47,726.00	Remaining Balance owed to CTC under CTC Proposal #06221704T - \$47,726	\$47,726.00	N
Structural engineering tower load study for well documented tower	\$12,600.00	\$6,700.00	ORIGINAL ENGINEERING STUDY THAT WAS DONE TO DETERMINE REQUIREMENTS, BUT THIS WAS REIMBURSED IN A PREVIOUS FILING (TURRIS - \$6,700). NOTHING ELSE ON REINFORCEMENT.	N/A	N

Tower Helicopter Lift	<i>\$488,863.00</i>	\$488,863.00	On 6/15/2020, CTC revised CTC Proposal #12081901T and replaced it with Proposal #06152001T, which sets forth a total cost of \$468,113. On 6/24, a fee of \$60,750 set forth in 1-E of CTC proposal #06242001T, was added, total cost is (\$528,863-\$40,000)	\$488,863.00	WT Tele has u the Sc 399 estim ref rev contr HT: crane dated 2020 Prop #0624 S attac
Top Beacon	<i>\$3,415.00</i>	\$3,415.00	Basis of cost estimate – Parts Quotation Q312202, dated March 12, 2020	\$3,415.00	N
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$65,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached quotes from Coast to Coast Tower Service which includes replacements of Primary and Auxiliary (Backup) antennas.	\$65,000.00	N
Sub-total	\$1,143,528.00	\$671,354.00	N/A	\$635,177.00	N
Total for all systems	\$3,144,645.21	\$2,539,381.67	N/A	\$2,066,303.71	N

Components

Actual Information
Description

File Name

Tower reinforcements	<p>Component Description: remaining balance for tower mod payment, see attached.</p> <p>Amount: \$19,613.00</p> <p>Component Description: deposit payment for tower mod, see attached.</p> <p>Amount: \$10,560.00</p>
Minor tower reinforcement /modifications	<p>Component Description: Balance owed to CTC under CTC Proposal #06221704T - \$47,726</p> <p>Amount: \$47,726.00</p>
Structural engineering tower load study for well documented tower	Information not provided.
Tower Helicopter Lift	<p>Component Description: Progress Payment for the Repack for WTVD TV, as agreed in CTC proposal #06242001T & WTVD PO #4506101697 and WTVD PO #4506220994.</p> <p>Amount: \$200,000.00</p>

Component Description: Deposit for the addition of the Helicopter lift to install the main antenna for the Repack for WTVD TV, as agreed in CTC proposal 12081901T.

Amount: \$114,106.00

Component Description: Progress Payment for the Repack for WTVD TV, as agreed in CTC proposal #06242001T & WTVD PO #4506220994.

Amount: \$65,000.00

Component Description: (Line 1) Progress Payment for the Repack for WTVD TV, as agreed in CTC proposal #06242001T & WTVD PO #4506220994.

Amount: \$49,007.00

	<p>Component Description: Line 2, Mobilization Fee for HTS Airlift, as agreed in, section 1-E of CTC proposal #06242001T, Coast to Coast was not able to complete the WTVD TV Repack project in conjunction with another airlift, this resulted in an additional \$60,750</p> <p>Amount: \$60,750.00</p>
Top Beacon	<p>Component Description: Skytec Inc. for \$3,415, includes shipping for (2) 60 lb. and 26 lb. boxes</p> <p>Amount: \$3,415.00</p>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<p>Component Description: Deposit for tower modifications and antenna replacements</p> <p>Amount: \$65,000.00</p>

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	\$169,819.57	\$161,949.57		\$27,399.69	
Legal Advice re Reimbursement Process	<i>\$14,194.57</i>	\$14,194.57	Legal services relating to research and advice regarding reimbursable legal expenses and required backup support. See two attached quotes from Akin Gump.	\$10,954.54	N/A
Structural project management	<i>\$28,550.00</i>	\$28,550.00	See attached quote from Turriss Engineering to provide rigging plan and engineering services for antenna replacements and structural modifications.	N/A	N/A

Structural Analysis	<i>\$10,000.00</i>	\$10,000.00	Structural analysis required to comply with current tower standards. See attached quote from Turris Engineering.	\$6,700.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$79,955.00	Attached quote includes services for field strength study to verify antenna and coverage performance.	N/A	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	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,048.90	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	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	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,317.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$5,000.00	N/A	\$2,853.75	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$525.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$169,819.57	\$161,949.57	N/A	\$27,399.69	N/A
Total for all systems	\$3,144,645.21	\$2,539,381.67	N/A	\$2,066,303.71	N/A

Components

Actual Information

Description

File Name

<p>Legal Advice re Reimbursement Process</p>	<p>Component Description: See Invoice for 399 line items (net of fee adjustment)</p> <p>Amount: \$1,513.86</p> <p>Component Description: See Invoice for 399 line items (net of fee adjustment)</p> <p>Amount: \$5,542.13</p> <p>Component Description: Legal Advice re: Reimbursement process</p> <p>Amount: \$1,797.83</p> <p>Component Description: Legal Advice re: Reimbursement process</p> <p>Amount: \$314.73</p> <p>Component Description: Legal Advice re: Reimbursement process</p> <p>Amount: \$663.76</p> <p>Component Description: Legal Advice re: Reimbursement process</p> <p>Amount: \$1,122.23</p>
<p>Structural project management</p>	<p>Information not provided.</p>
<p>Structural Analysis</p>	<p>Component Description: Structural analysis and report for WTVD 2000' transmission tower</p> <p>Amount: \$6,700.00</p>

Comprehensive coverage verification via field study, if needed	Information not provided.
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	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<p>Component Description: See Invoice 1723104 (2100) line items (net of fee adjustment)</p> <p>Amount: \$3,557.46</p> <p>Component Description: See Invoice 1727603 (2100) line items (net of fee adjustment)</p> <p>Amount: \$491.44</p>
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.

<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: See Invoice # Item 2</p> <p>Amount: \$2,317.50</p>
<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Component Description: See Invoice # Item 1</p> <p>Amount: \$2,853.75</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Component Description: Engineering study re: transition plan and interim facilities</p> <p>Amount: \$525.00</p>
<p>Prepare and or review reimbursement form</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	\$40,082.14	\$33,815.14		\$10,222.00	
Equipment Delivery and Handling Charges	<i>\$14,720.67</i>	\$14,720.67	Additional freight and storage costs for Main antenna billed at time of shipment.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$4,122.47</i>	\$4,122.47	Payments to Herc Rentals required for transmitter unloading and installation.	N/A	N/A

MVPD Notification of Channel Change	<i>\$5,354.00</i>	\$5,354.00	FCC Waiver to move from phase 9 to 10, due to Covid-19, scheduling conflicts with linked stations in phase 9, WTVD notified MVPD's of its transition to phase 10. Thus requiring a second set of notices and additional expenses incurred.	\$5,354.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,868.00	N/A	\$4,868.00	N/A
Develop and air announcement of upcoming channel change	<i>\$4,000.00</i>	\$4,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$750.00	WTVD will be required to file license applications for both the Primary and Auxiliary facilities.	N/A	N/A
Sub-total	\$40,082.14	\$33,815.14	N/A	\$10,222.00	N/A

Total for all systems	\$3,144,645.21	\$2,539,381.67	N/A	\$2,066,303.71	N/A
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Components

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
MVPD Notification of Channel Change	<p>Component Description: Notice to MVPDs</p> <p>Amount: \$2,677.00</p> <p>Component Description: Second set of notices required for transition from phase 9 to phase 10</p> <p>Amount: \$2,677.00</p>
DTV Medical Facility Notification	<p>Component Description: Required Notification to medical facilities</p> <p>Amount: \$4,868.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,144,645.21	\$2,539,381.67	\$2,066,303.71

Reimbursement Status

Question	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

Certification	Section	Question	Response
	<p>Submission of Estimated Expenses Statements</p>	<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"> 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 above-named applicant for the Authorization(s) specified above.

**John W
Zucker**
*Assistant
Secretary*

09/08/2020

Certification	Section	Question	Response
	<p>Submission of Actual Cost Documentation Statements</p>	<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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. 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 above-named applicant for the Authorization(s) specified above.

**John W
Zucker**
*Assistant
Secretary*

09/08/2020

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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"> 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 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 above-named applicant for the Authorization(s) specified above.

**John W
Zucker**
*Assistant
Secretary*

09/08/2020

Attachments