



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **40758** | Service: **DTV** | Call **WSYT** | Channel: **14 (UHF)** |  
ID: | Sign:  
File **0000028420**  
Number:  
FRN: **0032111395** | Date **08/17**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email
<b>BRISTLECONE BROADCASTING LLC</b>	Brian Brady 2111 UNIVERSITY PARK DRIVE SUITE 650 OKEMOS, MI 48864 United States	+1 (517) 347- 4141	BRADY@NO COM

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone
[Confidential]		

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant
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.	Yes



Primary  
Transmitter

Existing Transmitter Information

Section	Question
Existing Transmitter Description	Type of change
	Use
	Description of Use
	Ownership
	Owner
	Site
	Is this transmitter currently shared with another station?
	Is this transmitter currently in operating condition?
Existing Transmitter Manufacturer and Type	Manufacturer
	Model
	Year
	Type
	IOT Power Type
	Power Capacity

Primary  
Transmitter

New Transmitter Costs

Section	Question
New Transmitter	Use
	Change Type
	Is this a request for upgraded equipment?
	Manufacturer
	Model
	Transmitter Type
	Solid State Cooling
	Solid State Power capacity
	Justification for New Transmitter

Primary  
Transmitter

Other Transmitter Costs

Section	Question
Electrical Service	Service Entrance (3 phases 800A 208V)
	Switchgear (industrial 800 amp)
	Transformer (480V)
	Power
	Rigid Conduit and Wiring
	Size
	Length
	Other Electrical Service
	Description
HVAC Service	Does the replacement transmitter require HVAC Service?

	Type
	Size
	Other Size
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification or leasehold improvement?
	Size
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?
	Is a channel 14 Mask Filter needed?
	Is additional field engineering time needed?
	Number of Days

## Primary Transmitter

### Other Transmitter Cost Not Listed

Name	Description
<b>RF Filter and Combiner, Switch and Transmitter Control System</b>	The system will interface with the transmitter control along with other Dielectric's Scout unit
<b>WSYT CH14 Temp Filter</b>	Temporary Mask Filter Repack WSYT-CH14 Cover_Letter"

Interim  
Transmitter

New Transmitter Costs

Section	Question
New Transmitter	Use
	Description of Use
	Change Type
	Manufacturer
	Model
	Transmitter Type
	Solid State Cooling
	Solid State Power capacity
	Justification for New Transmitter

Interim  
Transmitter

Other Transmitter Costs

Section	Question
Electrical Service	Service Entrance (3 phases 800A 208V)
	Switchgear (industrial 800 amp)
	Transformer (480V)
	Power
	Rigid Conduit and Wiring
	Size
	Length
	Other Electrical Service

	Description
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?
	Type
	Size
	Other Size
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification or other leasehold improvement?
	Size
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?
	Is a channel 14 Mask Filer needed?
	Is additional field engineering time needed?
	Number of Days
<b>Inside RF System</b>	Is an additional interior RF system required to support this transmitter?

## Interim Transmitter

### Other Transmitter Cost Not Listed

Information not provided.

**Antennas**

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



## Primary Antenna

### Existing Antenna Information

Section	Question
Existing Antenna Description	Type of change
	Antenna Use
	Description of Use
	Ownership
	Owner
	Site
	Is the existing antenna shared with another station or station
	Is the existing antenna directional?
	Is antenna in operating condition?
	Is antenna located on or in close proximity to an antenna fa
Existing Antenna Manufacturer and Type	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels
	Design power capacity in use
	Lower Limit
	Upper Limit
	Other Antenna Type
	ERP: (Effective Radiated Power) .....
	Manufacturer
	Model
	Year



## Primary Antenna

### New Antenna Costs

Section	Question
New Antenna Description	Use
	Description of Use
	Change Type
	Is this a request for upgraded equipment?
	Ownership
	Owner
	Is antenna shared?
	Is antenna directional?
	Will antenna be located on or in close proximity to an antenna farm?
New Antenna Manufacturer and Types	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels/Bays
	Lower Limit
	Upper Limit
	Design power capacity in use
	Other Antenna Type
	ERP: (Effective Radiated Power) .....
	Manufacturer
	Model
	Year

Justification for New Antenna

## Primary Antenna

### Other Antenna Costs

Section	Question
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?
	Type
	Number of channels supported
	Frequencies of channels supported
	Frequency
	Do you need a combiner output splitter/switcher for dual feed lines?
Elbow Complex	Do you require the separate purchase of the Elbow Complex
	Broadband or Single Channel?
	Feed Line Size
Side Mount Brackets	Do you require the separate purchase of side mount brackets for high power antenna?
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for side mount high or medium power antenna?
Sweep Test	Do you require the sweep testing of transmission line and antenna?

Enter a list of RF channel numbers.

RF Channel Number

15

14

## Primary Antenna

### Other Antenna Cost Not Listed

Name	Description
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<b>Antenna Monitoring Kit</b>	RF Scout Assembly for
<b>Beacon Kit</b>	Beacon Kit for support
<b>Transmission Line 7-75 EIA</b>	T/L 7-75 EIA Length of existing line

Interim Antenna

New Antenna Costs

Section	Question
New Antenna Description	Use
	Description of Use
	Change Type
	Ownership
	Owner
	Is antenna shared?
	Is antenna directional?
	Will antenna be located on or in close proximity to an antenna farm?
New Antenna Manufacturer and Type	Class
	Mounting
	Antenna position in stack
	Polarization
	Type
	Number of Stations Supported
	Number of Panels/Bays
	Lower Limit
	Upper Limit
	Design power capacity in use
	Other Antenna Type
	ERP: (Effective Radiated Power) .....
	Manufacturer
	Model
	Year

	Justification for New Antenna
--	-------------------------------

**Interim Antenna**

**Other Antenna Costs**

Section	Question
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?
	Type
	Number of channels supported
	Frequencies of channels supported
	Frequency
	Do you need a combiner output splitter/switcher for dual feed lines?
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex
	Broadband or Single Channel?
	Feed Line Size
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for side mount high or medium power antenna?
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?

**Interim Antenna**

**Other Antenna Cost Not Listed**

Name	Description
------	-------------

<b>Transmission Line 6-50</b>	T/L various fixed leng /L with the Inside RF
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Transmission Line

Section	Question
Transmission Line Related Expenses	Do you have transmission line related expenses?

Primary Transmission Line

Add Transmission Line

Section	Question
Existing Transmission Line Description	Type of change
	Use
	Description of Use
	Ownership
	Owner
	Site
	Is this transmission currently shared with any other stations?
	Is Transmission Line in operating condition?
Existing Transmission Line Manufacturer and Type	Manufacturer
	Type
	Diameter
	Other Diameter
	Segment Length
	Other Segment Length
	Number of parallel runs
	Length

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Dehydrator	Pressurization EQ.

Monitoring System for TL	Continuous monitoring at full power
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Interim  
Transmission  
Line

**New Transmission Line**

Section	Question
New Transmission Line Costs	Use
	Description of Use
	Change Type
	Type
	Diameter
	Segment Length
	Other Segment Length
	Number of parallel runs
	Length
	Justification for New Transmission Line

Interim  
Transmission  
Line

**Other Transmission Line Expenses Not Listed**

Name	Description
Dehydrator	Pressurization Equipment

Tower Equipment  
And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question
Existing Tower Description	Type of change
	Tower Use
	Description of Use
	Ownership
	Is this tower consider Complex?
	Is this tower currently shared with any other stations?
	One or more FM, AM or TV radio broadcaster(s)
	Others Types of Users
	Is tower documented for structural analysis?
	Is tower compliant with Rev G?
Existing Tower Structure Registration	Do you have a tower registration number?
	ASR Number
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)
	Longitude (NAD83)
	Overall Structure Height
	Support Structure Height
	Ground Elevation Above Mean Sea Level (AMSL)
	Structure Type
	Tower Owner
	Date Constructed

**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
58725	WNYS-TV	DTV

**Primary Tower**

**Tower Modification Costs**

Section	Question
Engineering Study	Please what type of engineering study is required, if any:
Tower Reinforcements	Please select whether tower reinforcements are needed:

**Primary Tower**

**Tower Rigging Costs**

Section	Question
Tower Rigging Costs	Complex Tower
Helicopter Services Required	Are helicopter services required?

**Primary Tower**

**Other Tower Expenses Not Listed**

Information not provided.

## Outside Professional Services Costs

Section	Question
<b>Outside Project Management Services</b>	Do you require outside project management services?
	Number of Hours
	Explanation
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development
	Prepare engineering section of Form FCC Construction Per Application
	For Auxiliary Facility
	For Main Facility
	Prepare engineering section of Form FCC License to Cover Application
	For Auxiliary Facility
	For Main Facility
	Prepare request for Special Temporary Authority
	Quantity
	Do you have Distributed Transmission System engineering services?
	Critical Facility
	Terrain-Shielded Facility
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application
	For Auxiliary Facility
	For Main Facility
	Prepare and file Form FCC License to Cover Application
	For Auxiliary Facility
	For Main Facility
	Prepare request for Special Temporary Authority
	Quantity
	NEPA Section 106 environmental review

	Environmental Assessment
	ASR Modification
	FAA Consultation (including preparation of FAA Form 7460)
	Negotiation of Lease and other Matter for Shared Locations
	Prepare or Review FCC Form 399 for Reimbursement
	Address transition timing and coordination issues w/ other s and wireless providers
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study
	RF exposure measurements
	Additional Field Engineering Service
	Number of Days
	Justification

**Outside  
Professional  
Services Costs**

**Other Professional Services Expenses Not Listed**

Information not provided.

## Other Expenses

Section	Question
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?
	Is Remediation needed?
<b>Facility Expenses</b>	Name
	Other Distributed Transmission System Expenses Not listed
	Name
	Is Notification of a Medical Facility required as a result of DTV broadcasting?
<b>Permit and Filing Costs</b>	Local Zoning
	Non-zoning permits
	BLM or NFS Coordination
	FCC Construction Permit Minor Change
	FCC License to Cover Application
	FCC Special Temporary Authority Application
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?
	Does this relocation require Equipment Storage?
	Does this relocation require the Development and Airing of a Public Announcement regarding an upcoming channel change?
	Does this relocation require MVPD Notification of a Channel Change?

## Other Expenses

### Other Expenses Not Listed

Name	Description
<b>Internal Project Management of Transition</b>	120 h for repack prep engineering planning, budgeting, etc.

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification
<b>Interim Transmitter THU9-EVO</b>	<b>\$1,133,950.00</b>	<b>\$572,508.14</b>	
UHF inside RF system including switching	\$147,500.00	\$70,000.00	The Interim TX cost is split with WNYS. See attached quote: WSYT Revised Interim THU9evo-20 Sales-Quote_131652_20180928-005347UTC
Other -- Building Addition Size: 200.0	<i>\$10,000.00</i>	\$10,000.00	Estimate for possible costs of building modifications.
2" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$1,875.00	The Interim TX cost is split with WNYS
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$29,633.14	The Interim TX cost is split with WNYS. See attached "WSYT - WNYS CH19 & CH44 THU9evo-20 Interim updated Sales_Quote_180801_20190322-175139UTC", and the: "Syracuse Repack WSYT-WNYS-Estimate_Electrical_Service-Interim TX-Jun7-2019-Cover Letter".
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$461,000.00	The Interim TX cost is split with WNYS. See attached quote for Interim TX: WSYT Revised Interim THU9evo-20 Sales-Quote_131652_20180928-005347UTC
<b>Primary Transmitter THU9EVO-30</b>	<b>\$2,008,829.40</b>	<b>\$1,984,413.92</b>	



WSYT CH14 Temp Filter	<b>\$73,091.62</b>	\$73,091.62	Represents the cost estimate with taxes included per the estimate in the cover letter: "Syracuse Repack WSYT-CH14_loaner Filter-Primary_TX-NOV22-2019-Cover_Letter"
RF Filter and Combiner, Switch and Transmitter Control System	<b>\$55,477.78</b>	\$55,477.78	The documentation is attached to form 399: "WSYT_WNYS Burk Control System Second Revision Sales-Quote_236630_20190805-184606UTC" and "WSYT_WNYS Burk Additional HW and Services Sales-Quote_265011_20191030-162009UTC"
Additional field engineering time, 10-30 days	\$63,100.00	\$60,000.00	N/A
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A
Other -- Building Addition Size: 800.0	<b>\$10,000.00</b>	\$10,000.00	Estimate for possible costs of building modifications.
15 Ton system	\$88,400.00	\$84,000.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$2,500.00	N/A
Transformer 3 phase/480v - 500 KVA	\$48,400.00	\$114,344.52	This new revised estimate includes the cost for the new 480V/400V, 3 Phase Transformer along with all the electrical cost for material and labor. See the attached: "Syracuse Repack WSYT-Estimate_Electrical_Service-Primary_TX-AUG26-2019-Cover_Letter"

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	See attached SS-TX TPO notification:Syracuse Repack WSYT-SS-TX-Upgrade-SEPT2017-rev01,with: authorization-new CP-540K-Jan 22-2018,TPO-ERP CALC-WSYT-TOP_Ant-H-pol-rev01,C-70579-4, THU9evo_bro_en_3607-5860-12_v0100,WSYT CH14 THU9evo-24 AMPs/30 AMPs quotes.
<b>Sub-total</b>	\$3,142,779.40	\$2,556,922.06	N/A
<b>Total for all systems</b>	\$5,549,275.66	\$4,686,392.07	N/A

## Components

Actual Information Description	File Name
UHF inside RF system including switching	<p><b>Component Description:</b> I 7 f s</p> <p><b>Amount:</b> \$</p> <p><b>Component Description:</b> I 7 f</p> <p><b>Amount:</b> \$</p> <p><b>Component Description:</b> M r F 2 3 c</p> <p><b>Amount:</b> \$</p>

Other -- Building Addition Size: 200.0	<div><div>Component Description:</div><div>Amount:</div></div>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

Transformer 3 phase/480v - 150 KVA

Component Description: 1  
F  
2  
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c  
v  
Amount: \$

Component Description: 1  
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1  
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e  
s  
Amount: \$

Component Description: 1  
F  
2  
r  
l  
c  
v  
Amount: \$

Component Description: 1  
r  
F  
2  
c  
c  
v  
Amount: \$

<p>UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW</p>	<table> <tr> <td data-bbox="1034 96 1501 560"> <p><b>Component Description:</b></p> <p>1 r F 2 S C V</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 96 1501 560"></td></tr> <tr> <td data-bbox="1034 560 1501 851"> <p><b>Component Description:</b></p> <p>1 7 C V</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 560 1501 851"></td></tr> <tr> <td data-bbox="1034 851 1501 1142"> <p><b>Component Description:</b></p> <p>7 t I e</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 851 1501 1142"></td></tr> <tr> <td data-bbox="1034 1142 1501 1433"> <p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 1142 1501 1433"></td></tr> <tr> <td data-bbox="1034 1433 1501 1740"> <p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 1433 1501 1740"></td></tr> </table>	<p><b>Component Description:</b></p> <p>1 r F 2 S C V</p> <p><b>Amount:</b></p> <p>\$</p>		<p><b>Component Description:</b></p> <p>1 7 C V</p> <p><b>Amount:</b></p> <p>\$</p>		<p><b>Component Description:</b></p> <p>7 t I e</p> <p><b>Amount:</b></p> <p>\$</p>		<p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p>		<p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p>	
<p><b>Component Description:</b></p> <p>1 r F 2 S C V</p> <p><b>Amount:</b></p> <p>\$</p>											
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<p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p>											
<p><b>Component Description:</b></p> <p>1 7 f S</p> <p><b>Amount:</b></p> <p>\$</p>											
<p>WSYT CH14 Temp Filter</p>	<table> <tr> <td data-bbox="1034 1740 1501 2072"> <p><b>Component Description:</b></p> <p>F C t M</p> <p><b>Amount:</b></p> <p>\$</p> </td><td data-bbox="1501 1740 1501 2072"></td></tr> </table>	<p><b>Component Description:</b></p> <p>F C t M</p> <p><b>Amount:</b></p> <p>\$</p>									
<p><b>Component Description:</b></p> <p>F C t M</p> <p><b>Amount:</b></p> <p>\$</p>											

RF Filter and Combiner, Switch and Transmitter Control System	<div> <div> Component Description: F C </div> <div> Amount: \$ </div> </div> <div> <div> Component Description: F a i </div> <div> Amount: \$ </div> </div>
Additional field engineering time, 10-30 days	Information not provided.
Channel 14 Mask Filter	<div> <div> Component Description: I r </div> <div> Amount: \$ </div> </div> <div> <div> Component Description: I # P M </div> <div> Amount: \$ </div> </div>
RF Consulting Engineer	<div> <div> Component Description: \$ </div> <div> Amount: \$ </div> </div>
Other -- Building Addition Size: 800.0	<div> <div> Component Description: E I V </div> <div> Amount: \$ </div> </div>

15 Ton system	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

Transformer 3 phase/480v - 500 KVA

**Component Description:** I  
#  
P  
**Amount:** \$

**Component Description:** I  
#  
P  
M  
**Amount:** \$

**Component Description:** E  
F  
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**Amount:** \$

**Component Description:** E  
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**Amount:** \$

UHF - Liquid Cooled Solid State Transmitter 35 -  
50 kW

**Component Description:** T  
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S  
M  
**Amount:** \$

**Component Description:** T  
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M  
**Amount:** \$



<b>Component Description:</b>	I r t
<b>Amount:</b>	\$

<b>Component Description:</b>	I 3 r /
<b>Amount:</b>	\$

<b>Component Description:</b>	I 7 C S t
<b>Amount:</b>	\$

<b>Component Description:</b>	F t
<b>Amount:</b>	\$

<b>Component Description:</b>	F t / V e F C
<b>Amount:</b>	\$

<b>Component Description:</b>	F ii C e e V r
<b>Amount:</b>	\$

Component Description:

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Component Description:

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Amount:

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Component Description:

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2

Amount:

\$

## Cost Information

### Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimate Justification
Interim Antenna TFU-18DSC-R T140	\$112,314.00	\$91,092.75	
Transmission Line 6-50	<i>\$4,529.00</i>	\$4,529.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$8,212.50	The Interim Antenna split with Dielectric attached D14 Interim_ Order. S attac transitio Syrac Repack Transiti sket SEPT: revl
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$6,606.25	The Interim Antenna split with Dielectric attached D14 Interim_ Order. S attac transitio Syrac Repack Transiti sket SEPT: revl
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 540 kW input, directional,, elliptically or circularly polarized	<b>\$60,345.00</b>	\$60,345.00	***Sys: Notice: E adjuste locked b line has supers ***The i Antenna split with Dielectri attached D14 I interim_ Order. attac transitio Syrac Repack Transitio sket SEPT: revl
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/
<b>Primary Antenna TFU-20DSC-R T140 DC</b>	<b>\$440,762.00</b>	<b>\$282,342.00</b>	
Transmission Line 7-75 EIA	<b>\$4,172.00</b>	\$4,172.00	N/
Beacon Kit	<b>\$4,500.00</b>	\$4,500.00	N/
Antnna Monitoring Kit	<b>\$6,400.00</b>	\$6,400.00	N/
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$145,087.50	The cost Master Mount A is split WNYS attac 1696 Confirma WSYT-\ Primary sum of I Item# Item# Master Antenna compo descripti split equ: WN'
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$16,000.00	N/
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$14,782.50	***Sys Notice: E adjuste locked b line has supers ***Diel quote at WSYT WNYS Primary. Orc
<b>Sub-total</b>	<b>\$553,076.00</b>	<b>\$373,434.75</b>	<b>N/</b>
<b>Total for all systems</b>	<b>\$5,549,275.66</b>	<b>\$4,686,392.07</b>	<b>N/</b>

## Components

Actual Information Description	File Name
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Transmission Line 6-50	<div> <div>Component Description:</div> <div> <div>/</div> <div>\$</div> <div>l</div> <div>l</div> <div>l</div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div> <div> <div>Component Description:</div> <div> <div>M</div> <div>r</div> <div>F</div> <div>M</div> <div>C</div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div>
Side mount brackets for high power antennas (if not included in antenna base cost)	<div> <div>Component Description:</div> <div> <div>M</div> <div>r</div> <div>F</div> <div>M</div> <div>il</div> <div>ε</div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div> <div> <div>Component Description:</div> <div> <div>/</div> <div>\$</div> <div>l</div> <div>l</div> <div>t</div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div>

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<p><b>Component Description:</b> / \$ l l \$ v <b>Amount:</b> \$</p> <p><b>Component Description:</b> N r F M M \$ <b>Amount:</b> \$</p>
<p>Sweep test of existing antenna</p>	<p><b>Component Description:</b> N r F M il c <b>Amount:</b> \$</p> <p><b>Component Description:</b> / \$ l l r <b>Amount:</b> \$</p>

<p>UHF - High Power, Side Mount, basic slot antenna, 540 kW input, directional,, elliptically or circularly polarized</p>	<div><div><div>Component Description:</div><div>Amount:</div></div><div><div>Component Description:</div><div>Amount:</div></div></div>
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<div><div><div>Component Description:</div><div>Amount:</div></div></div>
<p>Transmission Line 7-75 EIA</p>	<div><div><div>Component Description:</div><div>Amount:</div></div><div><div>Component Description:</div><div>Amount:</div></div></div>



Beacon Kit	<div> <div> Component Description: </div> <div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div> <div> <div>Component Description:</div> <div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div>
Antenna Monitoring Kit	<div> <div>Component Description:</div> <div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div> <div> <div>Component Description:</div> <div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	<div> <div>Component Description:</div> <div> </div> </div> <div> <div>Amount:</div> <div>\$</div> </div>
New combiner, cost per channel (without antenna)	Information not provided.

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table><tr><td data-bbox="1034 96 1501 577"><p><b>Component Description:</b></p><p><b>Amount:</b></p></td><td data-bbox="1501 96 1501 577"><p>N r F / r l c \$</p></td></tr><tr><td data-bbox="1034 577 1501 965"><p><b>Component Description:</b></p><p><b>Amount:</b></p></td><td data-bbox="1501 577 1501 965"><p>/ \$ l 7 l \$ c \$</p></td></tr></table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>N r F / r l c \$</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>/ \$ l 7 l \$ c \$</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>N r F / r l c \$</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>/ \$ l 7 l \$ c \$</p>				
<p>Sweep test of existing antenna</p>	<table><tr><td data-bbox="1034 965 1501 1361"><p><b>Component Description:</b></p><p><b>Amount:</b></p></td><td data-bbox="1501 965 1501 1361"><p>N r F / 4 \$</p></td></tr><tr><td data-bbox="1034 1361 1501 1675"><p><b>Component Description:</b></p><p><b>Amount:</b></p></td><td data-bbox="1501 1361 1501 1675"><p>/ \$ l F F \$</p></td></tr></table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>N r F / 4 \$</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>/ \$ l F F \$</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>N r F / 4 \$</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>/ \$ l F F \$</p>				

<p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p>	<div> <div> Component Description: </div> <div> Amount: </div> <div> Component Description: </div> <div> Amount: </div> </div>
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<div> <div> Component Description: </div> <div> Amount: </div> <div> Component Description: </div> <div> Amount: </div> </div>

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Justification
Interim Transmission Line	\$222,180.00	\$109,365.00	
Dehydrator	<i>\$2,000.00</i>	\$2,000.00	See the attached quote for dehydrator 08302 Order_Q1 M14025 (002). The split with
Rigid Transmission Line - copper, 6 1/8"	\$220,180.00	\$107,365.00	The cost Interim TL with W
Primary Transmission Line	\$27,652.00	\$27,652.00	
Monitoring System for TL	<i>\$23,652.00</i>	\$23,652.00	See the attached quote#19 "Q19295: estimate i 8% ta
Dehydrator	<i>\$4,000.00</i>	\$4,000.00	See the attached quote for dehydrator 08302 Order_Q1 M14026 The cost with W
Sub-total	\$249,832.00	\$137,017.00	N/
Total for all systems	\$5,549,275.66	\$4,686,392.07	N/

Components

Actual Information Description	File Name
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Dehydrator	<div><div><div>Component Description:</div><div>Amount:</div></div><div>7 € V M</div></div>
Rigid Transmission Line - copper, 6 1/8"	<div><div><div>Component Description:</div><div>Amount:</div></div><div>/ \$ I I s i \$</div></div> <div><div><div>Component Description:</div><div>Amount:</div></div><div>M r F M M € \$</div></div>
Monitoring System for TL	Information not provided.
Dehydrator	Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification
Primary Tower TOWER	\$1,323,124.00	\$1,337,944.00	
Tower Helicopter Lift	<i>\$48,024.00</i>	\$48,024.00	See the attached Cover letter for the cost comparison for using the Helicopter lift vs gin pole. Comparison-Change Order Request-Clearing_Cover_Letter
Structural engineering tower load study for well documented tower	\$12,600.00	\$26,173.00	See the attached cover letter: "Structural Engineering Load Estimate_Structural Engineering Load Estimate"
Tall Tower (greater than 500')	\$210,500.00	\$205,000.00	See the attached acceptance or modification Stainless_Modification_WSYT_WNYS_ and Stainless_Service_WSYT_WNYS_
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,058,747.00	See the attached acceptance or modification Stainless_Modification_WSYT_WNYS_ and Stainless_Service_WSYT_WNYS_
Sub-total	\$1,323,124.00	\$1,337,944.00	N/A
Total for all systems	\$5,549,275.66	\$4,686,392.07	N/A

Components

Actual Information Description	File Name
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Tower Helicopter Lift	<b>Component Description:</b>	F S li
	<b>Amount:</b>	\$
Structural engineering tower load study for well documented tower	<b>Component Description:</b>	F
	<b>Amount:</b>	F \$
	<b>Component Description:</b>	F
	<b>Amount:</b>	F \$
	<b>Component Description:</b>	F
	<b>Amount:</b>	ε \$
Tall Tower (greater than 500')	<b>Component Description:</b>	F C
	<b>Amount:</b>	\$
Serious tower reinforcement/modifications	<b>Component Description:</b>	F t
	<b>Amount:</b>	\$
	<b>Component Description:</b>	F
	<b>Amount:</b>	C \$
	<b>Component Description:</b>	F
	<b>Amount:</b>	C \$

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Justification
<b>Outside Professional Services</b>	<b>\$154,375.00</b>	<b>\$155,000.00</b>	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$7,000.00	Attorney Estimate
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A



Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$5,500.00	Attorney Estimate attach Northwest Cost Estimate Letter 1 Swear (00113549)
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$6,000.00	Attorney Estimate attach Northwest Cost Estimate Letter 1 Swear (00113549)
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A
<b>Sub-total</b>	<b>\$154,375.00</b>	<b>\$155,000.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,549,275.66</b>	<b>\$4,686,392.07</b>	<b>N/A</b>

## Components

Information not provided.

## Cost Information

## Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
<b>Other Expenses</b>	<b>\$126,089.26</b>	<b>\$126,074.26</b>		<b>\$</b>
Internal Project Management of Transition	<i>\$18,000.00</i>	\$18,000.00	120h @ \$150/h estimate.	
MVPD Notification of Channel Change	<i>\$10,000.00</i>	\$10,000.00	See attached FCC Catalog of Potential Expenses and Estimated Costs	
Develop and air announcement of upcoming channel change	<i>\$230.00</i>	\$230.00	See attached: Develop-On_Air_Announcement-cost-2017	
Equipment Storage	<i>\$39,500.00</i>	\$39,500.00	See the attached storage fee calculation for 8 months (32 weeks): Syracuse Repack WSYT-Storage calculation-SEPT2017 along with the Dielectric Storage Fees: "Storage Instructions and Rates-Dielectric".	
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	See attached FCC Catalog of Potential Expenses and Estimated Costs	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$20,169.26</i>	\$20,169.26	New Disposal Cost Estimate is attached : "Syracuse Repack WSYT- Estimate_Disposal Cost- Jun10-2019- Cover_Letter_REV01_Nov1st".	<b>\$</b>

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	
DTV Medical Facility Notification	\$11,550.00	\$11,550.00	N/A	
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,110.00	N/A	
<b>Sub-total</b>	\$126,089.26	\$126,074.26	N/A	\$
<b>Total for all systems</b>	\$5,549,275.66	\$4,686,392.07	N/A	\$3

## Components

Actual Information Description	File Name
Internal Project Management of Transition	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	Component Description:	F
		3
	Amount:	\$
	Component Description:	U
		C
	Amount:	\$
	Component Description:	F
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	Amount:	\$
	Component Description:	E
		C
Disposal Costs (for equipment and other waste, net of any salvage value)		I
		V
		2
	Amount:	\$
	Component Description:	F
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	Amount:	\$
	Component Description:	V
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		E
		C
	Amount:	\$
	Component Description:	N
		t
		c
		C
		C
	Amount:	\$

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	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

Cost Information	Grand Total	
	Predetermined Cost Estimate	Estimated Cos
Total for all systems	\$5,549,275.66	\$4,686,392.07

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.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification

Section	Question
Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. C TITLE 18, SECTION 1001), AND/OR REVOCATION OF AN STATION LICENSE OR CONSTRUCTION PERMIT (U.S. C 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>

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 Authority (s) specified above.

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## Attachments