



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **7841** | Service: **DTV** | Call **KGCW** | Channel: **21 (UHF)** |  
ID: | Sign:  
File **0000028531**  
Number:  
FRN: **0009961889** | Date **06/11**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>Nexstar Broadcasting, Inc.</b>	Elizabeth Ryder 545 E. John W. Carpenter Freeway Suite 700 Irving, TX 76052 United States	+1 (972) 373-8800	eryder@nexstar. tv	Corporation

## 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
<b>Elizabeth Ryder</b> <i>General Counsel</i> <i>Nexstar Broadcasting,</i> <i>Inc.</i>	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar. tv

**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	Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Visionary
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Single
	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	HPTV-PRLX- U14
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	22.7 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter is out of business and no factory support is available. The purchase price of a new transmitter is based on a Proposal from Comark for an MSDC IOT as suggested by the FCC. See attachment.

**Primary  
Transmitter****Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask 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
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<b>Decommissioning of Old Transmitter</b>	Remove old transmitter and associated equipment to prepare for installation of new RePack Transmitter. Please see attached quote R Cleveland LLC dated 3/8/20
<b>Additional Interior RF System</b>	Interior RF System Existing Transmitter to Interim Transmission line
<b>Transmitter Power Conditioner</b>	New Transmitter requires Power Conditioning. Please see Staco Energy Products quote # QUO-18357-3CFVK5-3 Attached
<b>Transmitter HVAC</b>	New Transmitter requires adequate HVAC Please see Total Maintenance Inc. Quote # L17-0781 Attached
<b>Transmitter Electrical and Installation</b>	Transmitter Electrical and Installation

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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) .....	615.0 kW



Manufacturer	
Model	TFU- 22JSC-R C152
Year	2005

## 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?	Yes
	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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	
	Model	TFU-22ETT /VP-R C200

Year	2019
Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel. See Engineering statement regarding the relocation to a different transmitter site and the requirement for a top mounted antenna.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel

	Feed Line Size	6 1/8 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
<b>Antenna Support Pole</b>	Antenna Support Pole
<b>Antenna Input Feed-Through Complex</b>	Antenna Input Feed-Through Complex
<b>Wedding Cake Mounting Adapter</b>	Wedding Cake Mounting Adapter
<b>Additional Antenna Costs</b>	Additional Antenna Costs

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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) .....	615.0 kW
	Manufacturer	
	Model	TBD
	Year	2018

	Justification for New Antenna	An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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



**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1360 feet per run

**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	985 feet per run
	Justification for New Transmission Line	KGCW is moving to an alternate transmitter site; therefore the existing transmission line cannot be used. See Engineering Technical Statement attached.

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
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Additional Transmission Line Components	Additional Transmission Line Components
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**Interim  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	4 1/16 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	1210 feet per run
	Justification for New Transmission Line	An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.

Interim	Other Transmission Line Expenses Not Listed
Transmission Line	Information not provided.

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	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?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1222627
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 08' 08.0" N-
	Longitude (NAD83)	090° 48' 30.0" W-
	Overall Structure Height	1416.98 feet
	Support Structure Height	1416.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	631.88 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Tower, LLC
Date Constructed	10/01/2008

### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
Tower Structural Analysis, Foundation Mapping, Geotechnical Survey and Report	Tower Analysis needed before major modifications can be made.

<b>Tower Foundation Ground work, modification, and Ice Bridge Construction</b>	<p>Excavation of Tower Foundation, pour Concrete Pad, remove and replace old Ice Bridge. Please see Precision Communications Inc. quote # 19385-5 attached</p>
<b>Weather Delays and Prorated Equipment</b>	<p>Weather Delays, Prorated Equipment and Freight on Bid materials. Please see Precision Communications Addendum to Proposal 19393-5 Attached.</p>



**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	277
	Explanation	Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. Internal accounting and Project management.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	17
Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
Prepare engineering portion of minor modification to CP application	Prepare engineering portion of minor modification to CP application

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Microwave Rental</b>	Microwave Rental During Transition
<b>STL TSL Antenna Transmission Line.</b>	STL / TSL microwave transmission line and Antenna. Please see Primus Electronics Quote # Q032180
<b>Sales Taxes</b>	Sales and use tax on goods and services
<b>STL Microwave Demod</b>	Demodulator for Microwave signal to transmitter. Please see Heartland Video Systems Quote # WISQ63437 Attached

## 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 Justification
<b>Primary Transmitter HPTV-PRLX-U14</b>	<b>\$1,379,723.11</b>	<b>\$1,151,218.11</b>		<b>\$885,272.11</b>	
Decommissioning of Old Transmitter	<i>\$15,000.00</i>	\$15,000.00	Remove old transmitter and associated equipment to prepare for installation of new RePack Transmitter. Please see attached quote R Cleveland LLC dated 3/8/20	N/A	
Transmitter Electrical and Installation	<i>\$110,238.30</i>	\$110,238.30	See Land Communications estimate 1076	\$110,238.30	
Transmitter HVAC	<i>\$45,446.00</i>	\$45,446.00	New Transmitter requires adequate HVAC Please see Total Maintenance Inc. Quote # L17- 0781 Attached	N/A	
Transmitter Power Conditioner	<i>\$53,088.81</i>	\$53,088.81	New Transmitter requires Power Conditioning. Please see Staco Energy Products quote # QUO- 18357-3CFVK5-3 Attached	\$53,088.81	
Additional Interior RF System	<i>\$140,000.00</i>	\$140,000.00	N/A	N/A	

3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	I
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	I
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	I
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$721,945.00	See Hitachi quote P#3981PRLXU14-060519	\$721,945.00	I
<b>Sub-total</b>	\$1,379,723.11	\$1,151,218.11	N/A	\$885,272.11	I
<b>Total for all systems</b>	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	I

## Components

Actual Information	
Description	File Name
Decommissioning of Old Transmitter	Information not provided.
Transmitter Electrical and Installation	<div> <b>Component Description:</b> Transmitter electrical and installation, installment #1 </div> <div> <b>Amount:</b> \$55,119.15 </div> <div> <b>Component Description:</b> Transmitter electrical and installation, installment #2 </div> <div> <b>Amount:</b> \$55,119.15 </div>
Transmitter HVAC	Information not provided.

Transmitter Power Conditioner	<b>Component Description:</b>	Transmitter power conditioner
	<b>Amount:</b>	\$51,488.81
	<b>Component Description:</b>	Transmitter power conditioner
	<b>Amount:</b>	\$1,600.00
Additional Interior RF System	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<b>Component Description:</b>	Transmitter, installment #1, items 1 & 2 from invoice
	<b>Amount:</b>	\$360,972.50
	<b>Component Description:</b>	Transmitter, installment #2, items 1 & 2 from invoice
	<b>Amount:</b>	\$324,875.25
	<b>Component Description:</b>	Transmitter, installment #3, items 1 & 2 from invoice
	<b>Amount:</b>	\$36,097.25



Cost  
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TBD	\$279,710.00	\$277,500.00		\$0.00	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,100.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 615 kW input, directional,, horizontally polarized	\$235,000.00	\$235,000.00	Used High Power Top Mount for budget because side mount is only rated for 500 kW	N/A	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
<b>Primary Antenna TFU-22ETT /VP-R C200</b>	<b>\$482,491.00</b>	<b>\$384,154.00</b>		<b>\$374,264.00</b>	
Additional Antenna Costs	<b>\$10,000.00</b>	\$10,000.00	See Dielectric change orders	\$5,110.00	N/A
Wedding Cake Mounting Adapter	<b>\$30,825.00</b>	\$30,825.00	See Dielectric quote 900083CMZ-1	\$30,825.00	N/A
Antenna Input Feed-Through Complex	<b>\$18,656.00</b>	\$18,656.00	See Dielectric quote 900083CMZ-1	\$18,656.00	N/A
Antenna Support Pole	<b>\$109,220.00</b>	\$109,220.00	See Dielectric quote 900083CMZ-1	\$109,220.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$193,343.00	See Dielectric quote 900083CMZ-1 less vpol cost	\$193,343.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	See Dielectric quote 900083CMZ-1	\$10,710.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$762,201.00	\$661,654.00	N/A	\$374,264.00	N/A
<b>Total for all systems</b>	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.								
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.								
UHF - High Power, Side Mount, basic slot antenna, 615 kW input, directional,, horizontally polarized	Information not provided.								
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.								
Sweep test of existing antenna	Information not provided.								
Additional Antenna Costs	<table> <tr> <td><b>Component Description:</b></td><td>Additional antenna costs</td></tr> <tr> <td><b>Amount:</b></td><td>\$1,687.00</td></tr> <tr> <td><b>Component Description:</b></td><td>Additional antenna costs</td></tr> <tr> <td><b>Amount:</b></td><td>\$3,423.00</td></tr> </table>	<b>Component Description:</b>	Additional antenna costs	<b>Amount:</b>	\$1,687.00	<b>Component Description:</b>	Additional antenna costs	<b>Amount:</b>	\$3,423.00
<b>Component Description:</b>	Additional antenna costs								
<b>Amount:</b>	\$1,687.00								
<b>Component Description:</b>	Additional antenna costs								
<b>Amount:</b>	\$3,423.00								

Wedding Cake Mounting  
Adapter

**Component Description:**

Wedding cake  
mounting  
adapter,  
installment #1

**Amount:**

\$13,871.25

**Component Description:**

Wedding cake  
mounting  
adapter, balance  
due

**Amount:**

\$3,082.50

**Component Description:**

Wedding cake  
mounting  
adapter,  
installment #2

**Amount:**

\$13,871.25

**Component Description:**

Wedding cake  
mounting  
adapter,  
installment #1

**Amount:**

\$13,871.25

Antenna Input Feed-Through Complex		
	<b>Component Description:</b>	Feed through complex, installment #1
	<b>Amount:</b>	\$8,395.20
	<b>Component Description:</b>	Feed through complex, balance due
	<b>Amount:</b>	\$1,865.60
	<b>Component Description:</b>	Feed through complex, installment #2
	<b>Amount:</b>	\$8,395.20
	<b>Component Description:</b>	Feed through complex, installment #1
	<b>Amount:</b>	\$8,395.20

Antenna Support Pole	<table> <tr> <td data-bbox="718 98 1141 302"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 98 1426 302"> Antenna support pole, installment #1  \$49,149.00 </td></tr> <tr> <td data-bbox="718 302 1141 506"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 302 1426 506"> Antenna support pole, balance due  \$10,922.00 </td></tr> <tr> <td data-bbox="718 506 1141 710"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 506 1426 710"> Antenna support pole, installment #2  \$49,149.00 </td></tr> <tr> <td data-bbox="718 710 1141 913"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 710 1426 913"> Antenna support pole, installment #1  \$49,149.00 </td></tr> </table>	<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #1 \$49,149.00	<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, balance due \$10,922.00	<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #2 \$49,149.00	<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #1 \$49,149.00
<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #1 \$49,149.00								
<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, balance due \$10,922.00								
<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #2 \$49,149.00								
<b>Component Description:</b>  <b>Amount:</b>	Antenna support pole, installment #1 \$49,149.00								
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<table> <tr> <td data-bbox="718 1122 1141 1326"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 1122 1426 1326"> Antenna, installment #2  \$87,004.35 </td></tr> <tr> <td data-bbox="718 1326 1141 1529"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 1326 1426 1529"> Antenna, installment #1  \$87,004.35 </td></tr> <tr> <td data-bbox="718 1529 1141 1733"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 1529 1426 1733"> Antenna, balance due  \$19,334.30 </td></tr> <tr> <td data-bbox="718 1733 1141 2022"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1141 1733 1426 2022"> Antenna, installment #1  \$87,004.35 </td></tr> </table>	<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #2 \$87,004.35	<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #1 \$87,004.35	<b>Component Description:</b>  <b>Amount:</b>	Antenna, balance due \$19,334.30	<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #1 \$87,004.35
<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #2 \$87,004.35								
<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #1 \$87,004.35								
<b>Component Description:</b>  <b>Amount:</b>	Antenna, balance due \$19,334.30								
<b>Component Description:</b>  <b>Amount:</b>	Antenna, installment #1 \$87,004.35								

Sweep test of existing antenna	<b>Component Description:</b> Sweep test <b>Amount:</b> \$6,400.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b> Elbow complex, installment #2 <b>Amount:</b> \$4,819.50  <b>Component Description:</b> Elbow complex, installment #1 <b>Amount:</b> \$4,819.50  <b>Component Description:</b> Elbow complex, balance due <b>Amount:</b> \$1,071.00  <b>Component Description:</b> Elbow complex, installment #1 <b>Amount:</b> \$4,819.50
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$171,820.00	\$163,350.00		\$0.00	
Rigid Transmission Line - copper, 4 1/16"	\$171,820.00	\$163,350.00	N/A	N/A	N/A
Primary Transmission Line	\$203,970.00	\$149,510.10		\$143,769.60	
Additional Transmission Line Components	\$5,000.00	\$5,000.00	See Dielectric change orders	\$4,424.00	N/A
Rigid Transmission Line - copper, 6 1/8"	\$198,970.00	\$144,510.10	See Dielectric quote 900083CMZ-1	\$139,345.60	N/A
Sub-total	\$375,790.00	\$312,860.10	N/A	\$143,769.60	N/A
Total for all systems	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 4 1/16"	Information not provided.

Additional Transmission Line Components	<b>Component Description:</b>	Additional transmission line
	<b>Amount:</b>	\$2,604.00
	<b>Component Description:</b>	Additional transmission line
	<b>Amount:</b>	\$1,820.00
Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b>	Transmission line, installment #2, lines 6 and 10 of invoice
	<b>Amount:</b>	\$65,029.55
	<b>Component Description:</b>	Transmission line, installment #1
	<b>Amount:</b>	\$65,029.55
	<b>Component Description:</b>	Transmission line, installment #3
	<b>Amount:</b>	\$9,286.50
	<b>Component Description:</b>	Transmission line, installment #1, lines 6 and 10 of invoice
	<b>Amount:</b>	\$65,029.55

## 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
<b>Primary Tower</b>	<b>\$1,057,340.00</b>	<b>\$921,640.00</b>		<b>\$790,340.00</b>	
<b>GTOWER</b>					
Tower Foundation Ground work, modification, and Ice Bridge Construction	<i>\$248,400.00</i>	\$248,400.00	Excavation of Tower Foundation, pour Concrete Pad, remove and replace old Ice Bridge. Please see Precision Communications Inc. quote # 19385-5 attached	\$248,400.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$198,600.00	See PCI quote 19393-5	\$198,600.00	N/A
Tower Structural Analysis, Foundation Mapping, Geotechnical Survey and Report	<i>\$29,440.00</i>	\$29,440.00	See proposals Paul J Ford & Co A00018-0122.001, A00018-0122.003 and A00018-0122.005	\$29,440.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$298,500.00	See PCI quote 19394-5	\$298,500.00	N/A

Weather Delays and Prorated Equipment	\$121,700.00	\$121,700.00	Weather Delays, Prorated Equipment and Freight on Bid materials. Please see Precision Communications Addendum to Proposal 19393-5 Attached.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$15,400.00	N/A
<b>Sub-total</b>	\$1,057,340.00	\$921,640.00	N/A	\$790,340.00	N/A
<b>Total for all systems</b>	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	N/A

## Components

Actual Information	
Description	File Name
Tower Foundation Ground work, modification, and Ice Bridge Construction	<b>Component Description:</b>
	Tower mods and ice shield, installment #1
	<b>Amount:</b>
	\$165,600.00
	<b>Component Description:</b>
	Tower mods and ice shield, installment #2
	<b>Amount:</b>
	\$82,800.00

Major tower reinforcement /modifications	<b>Component Description:</b>	Tower modifications, installment #2
	<b>Amount:</b>	\$66,200.00
	<b>Component Description:</b>	Tower modifications, installment #1
	<b>Amount:</b>	\$132,400.00
Tower Structural Analysis, Foundation Mapping, Geotechnical Survey and Report	<b>Component Description:</b>	Structural analysis
	<b>Amount:</b>	\$1,000.00
	<b>Component Description:</b>	Tower modification drawings
	<b>Amount:</b>	\$3,000.00
	<b>Component Description:</b>	Structural analysis, foundation mapping and geotechnical report
	<b>Amount:</b>	\$25,440.00
Tall Tower (greater than 500')	<b>Component Description:</b>	Main antenna installation, installment #1
	<b>Amount:</b>	\$199,000.00
	<b>Component Description:</b>	Main antenna installation, installment #2
	<b>Amount:</b>	\$99,500.00
Weather Delays and Prorated Equipment	Information not provided.	

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study		
	<b>Component Description:</b>	Tower mapping
	<b>Amount:</b>	\$11,750.00
	<b>Component Description:</b>	Tower modification drawings
	<b>Amount:</b>	\$2,800.00
	<b>Component Description:</b>	Structure surveying
	<b>Amount:</b>	\$850.00

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$119,791.00</b>	<b>\$126,300.00</b>		<b>\$61,846.00</b>	
Project management of the transition	\$43,766.00	\$52,500.00	Estimated 350 hours at \$150 per hour	\$43,796.00	N/A
Prepare engineering portion of minor modification to CP application	<i>\$5,000.00</i>	\$5,000.00	See Osborn invoices 31219 and	\$5,000.00	N/A
Additional Field Engineering Service, 17 Days	<i>\$34,000.00</i>	\$34,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,050.00	N/A	\$550.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$3,000.00	N/A



Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
<b>Sub-total</b>	\$119,791.00	\$126,300.00	N/A	\$61,846.00	N/A
<b>Total for all systems</b>	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	<div> <div>Component Description:</div> <div>Project management services 1.1.18 through 1.26.18</div> </div> <div> <div>Amount:</div> <div>\$750.00</div> </div>

<b>Component Description:</b>	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from January 27, 2018 through February 23, 2018.
<b>Amount:</b>	\$3,675.00

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$316.00

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$1,210.00

<b>Component Description:</b>	Project management services 1.1.18 through 1.26.18
<b>Amount:</b>	\$375.00

<b>Component Description:</b>	Project management services 6.1.19 through 6.28.19
<b>Amount:</b>	\$375.00

<b>Component Description:</b>	Project management services June 2019
<b>Amount:</b>	\$227.50

<b>Component Description:</b>	Project management services 7.27.19 through 8.30.19
<b>Amount:</b>	\$1,580.00

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$7,782.50

<b>Component Description:</b>	Project management services 8.31.19 through 9.27.19
<b>Amount:</b>	\$1,106.00

<b>Component Description:</b>	Project management services April 2019
<b>Amount:</b>	\$45.50

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$79.00

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$948.00

<b>Component Description:</b>	Project management services 3.2.19 through 3.29.19
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project management services, item 1 from invoice summary
<b>Amount:</b>	\$7,350.00

<b>Component Description:</b>	Project management services 10.27.18 through 11.30.18
<b>Amount:</b>	\$4,150.00

<b>Component Description:</b>	Prepare FCC Schedule 387, item 5 from invoice summary
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Project management services 4.27.19 through 5.31.19
<b>Amount:</b>	\$1,800.00

<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R
<b>Amount:</b>	\$1,000.00

<b>Component Description:</b>	Project management services 9.29.18 through 10.26.18, items 1 and 2 from invoice summary
<b>Amount:</b>	\$525.00

<b>Component Description:</b>	Project management services 5.26.18 through 6.29.18
<b>Amount:</b>	\$420.00

<b>Component Description:</b>	Project management services 7.28.18 through 9.28.18
<b>Amount:</b>	\$650.00

<b>Component Description:</b>	Prepare FCC Schedule 387, item 6 from invoice summary
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project management services 3.30.19 through 4.26.19
<b>Amount:</b>	\$1,425.00

<b>Component Description:</b>	Project Management for Structural Analysis and Tower Modifications for services from June 30, 2018 through July 27, 2018.
<b>Amount:</b>	\$825.00

<b>Component Description:</b>	Project management services February 2019
<b>Amount:</b>	\$123.50

<b>Component Description:</b>	Project management services, item 7 from invoice summary
<b>Amount:</b>	\$5,758.00

<b>Component Description:</b>	Project management services 12.1.18 through 1.31.19
<b>Amount:</b>	\$1,325.00

<b>Component Description:</b>	Project management services 2.1.19 through 3.1.19
<b>Amount:</b>	\$450.00

<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R
<b>Amount:</b>	(\$1,000.00)

<p>Prepare engineering portion of minor modification to CP application</p>	<table> <tr> <td data-bbox="702 100 1109 517"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 100 1428 517"> <p>Prepare engineering portion of minor modification of CP permit to change antenna models</p> </td></tr> <tr> <td data-bbox="702 517 1109 965"> <p><b>Amount:</b></p> </td><td data-bbox="1109 517 1428 965"> <p>\$2,500.00</p> </td></tr> </table> <table> <tr> <td data-bbox="702 517 1109 965"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 517 1428 965"> <p>Amendment application provides community of license compliance exhibits and Longley-Rice verification</p> </td></tr> <tr> <td data-bbox="702 965 1109 965"> <p><b>Amount:</b></p> </td><td data-bbox="1109 965 1428 965"> <p>\$2,500.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Prepare engineering portion of minor modification of CP permit to change antenna models</p>	<p><b>Amount:</b></p>	<p>\$2,500.00</p>	<p><b>Component Description:</b></p>	<p>Amendment application provides community of license compliance exhibits and Longley-Rice verification</p>	<p><b>Amount:</b></p>	<p>\$2,500.00</p>
<p><b>Component Description:</b></p>	<p>Prepare engineering portion of minor modification of CP permit to change antenna models</p>								
<p><b>Amount:</b></p>	<p>\$2,500.00</p>								
<p><b>Component Description:</b></p>	<p>Amendment application provides community of license compliance exhibits and Longley-Rice verification</p>								
<p><b>Amount:</b></p>	<p>\$2,500.00</p>								
<p>Additional Field Engineering Service, 17 Days</p>	<p>Information not provided.</p>								
<p>FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase</p>	<table> <tr> <td data-bbox="702 1122 1109 1451"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 1122 1428 1451"> <p>Prepare and submit FAA filing, item 9 from invoice summary</p> </td></tr> <tr> <td data-bbox="702 1451 1109 1451"> <p><b>Amount:</b></p> </td><td data-bbox="1109 1451 1428 1451"> <p>\$550.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Prepare and submit FAA filing, item 9 from invoice summary</p>	<p><b>Amount:</b></p>	<p>\$550.00</p>				
<p><b>Component Description:</b></p>	<p>Prepare and submit FAA filing, item 9 from invoice summary</p>								
<p><b>Amount:</b></p>	<p>\$550.00</p>								
<p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>	<p>Information not provided.</p>								
<p>Attorney Fees - Negotiation of lease and other matters for shared locations</p>	<p>Information not provided.</p>								
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.												
Prepare request for Special Temporary Authorization	Information not provided.												
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.												
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td><b>Component Description:</b></td><td>Prepare engineering section of FCC Form 2100, item 4 from invoice summary</td></tr> <tr> <td><b>Amount:</b></td><td>\$3,000.00</td></tr> <tr> <td><b>Component Description:</b></td><td>Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td><b>Amount:</b></td><td>(\$3,000.00)</td></tr> <tr> <td><b>Component Description:</b></td><td>Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td><b>Amount:</b></td><td>\$3,000.00</td></tr> </table>	<b>Component Description:</b>	Prepare engineering section of FCC Form 2100, item 4 from invoice summary	<b>Amount:</b>	\$3,000.00	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	(\$3,000.00)	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	\$3,000.00
<b>Component Description:</b>	Prepare engineering section of FCC Form 2100, item 4 from invoice summary												
<b>Amount:</b>	\$3,000.00												
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	(\$3,000.00)												
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	\$3,000.00												



<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="702 174 1015 210"><b>Component Description:</b></td><td data-bbox="1147 174 1369 286">Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td data-bbox="702 297 815 333"><b>Amount:</b></td><td data-bbox="1147 297 1283 333">(\$7,000.00)</td></tr> <tr> <td data-bbox="702 434 1015 470"><b>Component Description:</b></td><td data-bbox="1147 434 1369 591">Perform engineering study, item 3 from invoice summary</td></tr> <tr> <td data-bbox="702 602 815 638"><b>Amount:</b></td><td data-bbox="1147 602 1267 638">\$7,000.00</td></tr> <tr> <td data-bbox="702 736 1015 772"><b>Component Description:</b></td><td data-bbox="1147 736 1369 848">Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td data-bbox="702 860 815 896"><b>Amount:</b></td><td data-bbox="1147 860 1267 896">\$7,000.00</td></tr> </table>	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	(\$7,000.00)	<b>Component Description:</b>	Perform engineering study, item 3 from invoice summary	<b>Amount:</b>	\$7,000.00	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	\$7,000.00
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	(\$7,000.00)												
<b>Component Description:</b>	Perform engineering study, item 3 from invoice summary												
<b>Amount:</b>	\$7,000.00												
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	\$7,000.00												
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>												
<p>Prepare and or review reimbursement form</p>	<table> <tr> <td data-bbox="702 1173 1015 1209"><b>Component Description:</b></td><td data-bbox="1147 1173 1369 1285">Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td data-bbox="702 1296 815 1332"><b>Amount:</b></td><td data-bbox="1147 1296 1283 1332">(\$2,500.00)</td></tr> <tr> <td data-bbox="702 1433 1015 1469"><b>Component Description:</b></td><td data-bbox="1147 1433 1369 1545">Vendor has issued a revised invoice; see 29362R</td></tr> <tr> <td data-bbox="702 1556 815 1592"><b>Amount:</b></td><td data-bbox="1147 1556 1267 1592">\$2,500.00</td></tr> <tr> <td data-bbox="702 1693 1015 1729"><b>Component Description:</b></td><td data-bbox="1147 1693 1347 1850">Prepare reimbursement form, item 2 from invoice summary</td></tr> <tr> <td data-bbox="702 1861 815 1897"><b>Amount:</b></td><td data-bbox="1147 1861 1267 1897">\$2,500.00</td></tr> </table>	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	(\$2,500.00)	<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R	<b>Amount:</b>	\$2,500.00	<b>Component Description:</b>	Prepare reimbursement form, item 2 from invoice summary	<b>Amount:</b>	\$2,500.00
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	(\$2,500.00)												
<b>Component Description:</b>	Vendor has issued a revised invoice; see 29362R												
<b>Amount:</b>	\$2,500.00												
<b>Component Description:</b>	Prepare reimbursement form, item 2 from invoice summary												
<b>Amount:</b>	\$2,500.00												

## 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
<b>Other Expenses</b>	<b>\$305,041.76</b>	<b>\$305,881.76</b>		<b>\$52,451.38</b>	
Sales Taxes	<i>\$165,800.00</i>	\$165,800.00	N/A	\$45,121.56	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Microwave Rental	<i>\$3,895.00</i>	\$3,895.00	Microwave rental during transition	N/A	N/A
STL TSL Antenna Transmission Line.	<i>\$15,971.44</i>	\$15,971.44	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$2,500.00	Time involved for Modification /Amendment of Post-Transition Construction Permit Application	\$2,500.00	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,012.00	N/A

Equipment Delivery and Handling Charges	<b>\$25,000.00</b>	\$25,000.00	N/A	\$2,817.82	N/A
Equipment Storage	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<b>\$3,500.00</b>	\$3,500.00	N/A	N/A	N/A
STL Microwave Demod	<b>\$1,215.32</b>	\$1,215.32	Microwave Demod needed for signal to Transmitter from Studio. Please see Attached Quote # WISQ63437 from Heartland Video Systems	N/A	N/A
<b>Sub-total</b>	\$305,041.76	\$305,881.76	N/A	\$52,451.38	N/A
<b>Total for all systems</b>	\$3,999,886.87	\$3,479,553.97	N/A	\$2,307,943.09	N/A

## Components

Actual Information	
Description	File Name

Sales Taxes	<b>Component Description:</b> Tax on transmitter, installment #3 <b>Amount:</b> \$2,256.08
	<b>Component Description:</b> Tax on transmitter, installment #1 <b>Amount:</b> \$22,560.78
	<b>Component Description:</b> Tax on transmitter, installment #2 <b>Amount:</b> \$20,304.70
MVPD Notification of Channel Change	Information not provided.
Microwave Rental	Information not provided.
STL TSL Antenna Transmission Line.	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	<b>Component Description:</b> Prepare Engineering Portion, item 8 from invoice summary <b>Amount:</b> \$2,500.00
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
DTV Medical Facility Notification	<b>Component Description:</b> Notification of medical facilities <b>Amount:</b> \$2,012.00

Equipment Delivery and Handling Charges	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div>           Freight cost for antenna component            \$1,317.82         </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div>           Freight costs for tower modification materials            \$1,500.00         </div> </div>
Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
STL Microwave Demod	Information not provided.

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,999,886.87	\$3,479,553.97	\$2,307,943.09

**Reimbursement Status**

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.



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.

**Elizabeth  
Ryder**  
*General  
Counsel*

06/11/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Elizabeth Ryder</b> <i>General Counsel</i></p> <p>06/11/2020</p>

## Attachments