



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **16539** | Service: **DTV** | Call **WNTZ-TV** | Channel: **15 (UHF)** |
ID: | Sign:
File **0000028274**
Number:
FRN: **0009961889** | Date **08/23**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 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
Elizabeth Ryder <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 system 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
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	QXD2
	Year	2007
	Type	Inductive Output Tube
	IOT Power Type	Two
	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?	Yes
	Manufacturer	
	Model	THU9evo-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. See attached quotes for IOT and upgraded SS at one power step above the required TPO. See R&S quote.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name		Description
Additional Interior RF System		Interior RF System Existing Transmitter to Interim Transmission line

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	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	Travelling Wave
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	ATW-27H4- HTC3L-48H
Year	2007

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)	530.0 kW
	Manufacturer	
	Model	TFU-20GTH /VP-R S190

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel travelling wave which cannot accommodate the assigned channel.

Primary Antenna

Other Antenna Costs

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

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

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	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)	1000.0 kW
	Manufacturer	
	Model	TFU-16WB
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission 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
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Unknown
	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	1050 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep Tests	Sweep line to confirm acceptable on assigned channel

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	5 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	920 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.
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Interim Transmission Line **Other Transmission Line Expenses Not Listed**
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?	
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1022744
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	31° 40' 08.6" N-
	Longitude (NAD83)	091° 41' 30.5" W-
	Overall Structure Height	1047.89 feet
	Support Structure Height	1000.64 feet
	Ground Elevation Above Mean Sea Level (AMSL)	55.12 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Pinnacle Towers LLC
	Date Constructed	08/31/1995

**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
82888	KZKR	FM

Other Types of Users

Users
2 mwave antenna

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
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Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	No

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	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
Attorney and Other Outside Consulting Services	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	Yes
	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
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	14
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**

Services provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	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
Sales Tax		Sales and use tax on goods and services
Equipment rental		Equipment rental

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter THU9evo-20	\$1,155,950.00	\$944,565.00		\$784,265.00	
Additional Interior RF System	<i>\$140,000.00</i>	\$140,000.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,900.00	N/A	\$9,600.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	\$37,150.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$737,515.00	See Rohde & Schwarz quote 121706.0 attached and 143637.1 for additional parts	\$737,515.00	N/A
Sub-total	\$1,155,950.00	\$944,565.00	N/A	\$784,265.00	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information	
Description	File Name
Additional Interior RF System	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Component Description: Electrical service Amount: \$9,600.00
Switchgear - industrial 800 amp	Component Description: Electrical service Amount: \$37,150.00
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Primary Transmitter, installment #1 Amount: \$182,353.75 Component Description: Additional transmitter parts Amount: \$8,100.00 Component Description: Primary transmitter, installment #3 Amount: \$182,353.75 Component Description: Primary Transmitter, installment #2 Amount: \$364,707.50

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 TFU-16WB	\$279,710.00	\$280,049.00		\$108,013.60	
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	<i>\$235,000.00</i>	\$235,000.00	N/A	\$91,732.50	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 4 1/16. feedline (if needed)	\$9,570.00	\$10,979.00	See Dielectric quote 700422CMZ-1 attached	\$9,881.10	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,550.00	N/A	N/A	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	N/A	N/A
Primary Antenna TFU-20GTH /VP-R S190	\$555,530.00	\$187,000.00		\$167,408.20	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$16,860.00	10% balance remaining on Antenna, initial two installments reported as Horizontal instead of Elliptical; see Dielectric quote DMS121-3 (less VPOL cost)	\$0.00	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	\$12,000.00	N/A	\$9,268.20	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$151,740.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$151,740.00	N/A
Sub-total	\$835,240.00	\$467,049.00	N/A	\$275,421.80	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	<p>Component Description: Antenna component, line 1 of invoice, installment #2</p> <p>Amount: \$45,866.25</p> <p>Component Description: Antenna - line 1 of invoice</p> <p>Amount: \$45,866.25</p>
Sweep test of existing antenna	<p>Component Description: Interim antenna sweep test</p> <p>Amount: \$6,400.00</p>

<p>Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1163 174 1374 286">Elbow component line 3 of invoice, installment #2</td></tr> <tr> <td data-bbox="722 297 831 331">Amount:</td><td data-bbox="1163 297 1262 331">\$607.95</td></tr> <tr> <td data-bbox="722 432 1029 465">Component Description:</td><td data-bbox="1163 432 1374 510">Elbow component - line 2 of invoice</td></tr> <tr> <td data-bbox="722 521 831 555">Amount:</td><td data-bbox="1163 521 1283 555">\$4,332.60</td></tr> <tr> <td data-bbox="722 656 1029 689">Component Description:</td><td data-bbox="1163 656 1374 734">Elbow component - line 3 of invoice</td></tr> <tr> <td data-bbox="722 745 831 779">Amount:</td><td data-bbox="1163 745 1262 779">\$607.95</td></tr> <tr> <td data-bbox="722 880 1029 913">Component Description:</td><td data-bbox="1163 880 1374 992">Elbow component line 2 of invoice, installment #2</td></tr> <tr> <td data-bbox="722 1003 831 1037">Amount:</td><td data-bbox="1163 1003 1283 1037">\$4,332.60</td></tr> </table>	Component Description:	Elbow component line 3 of invoice, installment #2	Amount:	\$607.95	Component Description:	Elbow component - line 2 of invoice	Amount:	\$4,332.60	Component Description:	Elbow component - line 3 of invoice	Amount:	\$607.95	Component Description:	Elbow component line 2 of invoice, installment #2	Amount:	\$4,332.60
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<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>																
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>																
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<p>Information not provided.</p>																
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="722 1742 1029 1776">Component Description:</td><td data-bbox="1163 1742 1294 1776">Sweep test</td></tr> <tr> <td data-bbox="722 1787 831 1821">Amount:</td><td data-bbox="1163 1787 1283 1821">\$6,400.00</td></tr> </table>	Component Description:	Sweep test	Amount:	\$6,400.00												
Component Description:	Sweep test																
Amount:	\$6,400.00																

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1161 174 1348 286">Elbow complex, installment #2, line 2 of invoice</td></tr> <tr> <td data-bbox="722 297 831 331">Amount:</td><td data-bbox="1161 297 1283 331">\$4,634.10</td></tr> <tr> <td data-bbox="722 432 1029 465">Component Description:</td><td data-bbox="1161 432 1348 544">Elbow complex, installment #1, line 2 of invoice</td></tr> <tr> <td data-bbox="722 555 831 589">Amount:</td><td data-bbox="1161 555 1283 589">\$4,634.10</td></tr> </table>	Component Description:	Elbow complex, installment #2, line 2 of invoice	Amount:	\$4,634.10	Component Description:	Elbow complex, installment #1, line 2 of invoice	Amount:	\$4,634.10
Component Description:	Elbow complex, installment #2, line 2 of invoice								
Amount:	\$4,634.10								
Component Description:	Elbow complex, installment #1, line 2 of invoice								
Amount:	\$4,634.10								
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized</p>	<table> <tr> <td data-bbox="722 721 1029 754">Component Description:</td><td data-bbox="1161 721 1362 878">UHF High Power Top Mount, installment #1, line 1 of invoice</td></tr> <tr> <td data-bbox="722 889 831 922">Amount:</td><td data-bbox="1161 889 1297 922">\$75,870.00</td></tr> <tr> <td data-bbox="722 1023 1029 1057">Component Description:</td><td data-bbox="1161 1023 1362 1180">UHF High Power Top Mount, installment #2, line 1 of invoice</td></tr> <tr> <td data-bbox="722 1191 831 1225">Amount:</td><td data-bbox="1161 1191 1297 1225">\$75,870.00</td></tr> </table>	Component Description:	UHF High Power Top Mount, installment #1, line 1 of invoice	Amount:	\$75,870.00	Component Description:	UHF High Power Top Mount, installment #2, line 1 of invoice	Amount:	\$75,870.00
Component Description:	UHF High Power Top Mount, installment #1, line 1 of invoice								
Amount:	\$75,870.00								
Component Description:	UHF High Power Top Mount, installment #2, line 1 of invoice								
Amount:	\$75,870.00								

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	\$96,600.00	\$93,840.00		\$67,801.04	
Flexible Air Transmission Line - dielectric, 5"	\$96,600.00	\$93,840.00	N/A	\$67,801.04	N/A
Primary Transmission Line	\$6,400.00	\$6,400.00		\$0.00	
Sweep Tests	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Sub-total	\$103,000.00	\$100,240.00	N/A	\$67,801.04	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 5"	Component Description: Transmission line, installment #2, lines 3-10 of invoice Amount: \$3,323.25
	Component Description: Flexible transmission line - line 4 of invoice Amount: \$30,577.27
	Component Description: Transmission line, installment #2 Amount: \$30,577.27
	Component Description: Transmission line, installment #1, lines 3-10 of invoice Amount: \$3,323.25
Sweep Tests	Information not provided.

Cost
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$868,300.00	\$557,469.00		\$552,200.00	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,600.00	N/A	\$20,331.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$194,505.00	See Crown Castle quotes	\$194,505.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$337,364.00	See attached Crown Castle Installation Quote	\$337,364.00	N/A
Sub-total	\$868,300.00	\$557,469.00	N/A	\$552,200.00	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information Description	File Name
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Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<table> <tr> <td data-bbox="713 174 1023 210">Component Description:</td><td data-bbox="1157 174 1310 246">Geotechnical report</td></tr> <tr> <td data-bbox="713 255 826 291">Amount:</td><td data-bbox="1157 255 1275 291">\$6,800.00</td></tr> <tr> <td data-bbox="713 394 1023 430">Component Description:</td><td data-bbox="1157 394 1370 430">Structural analysis</td></tr> <tr> <td data-bbox="713 434 826 470">Amount:</td><td data-bbox="1157 434 1275 470">\$9,281.00</td></tr> <tr> <td data-bbox="713 573 1023 609">Component Description:</td><td data-bbox="1157 573 1374 609">Structural Analysis</td></tr> <tr> <td data-bbox="713 613 826 649">Amount:</td><td data-bbox="1157 613 1275 649">\$4,250.00</td></tr> </table>	Component Description:	Geotechnical report	Amount:	\$6,800.00	Component Description:	Structural analysis	Amount:	\$9,281.00	Component Description:	Structural Analysis	Amount:	\$4,250.00
Component Description:	Geotechnical report												
Amount:	\$6,800.00												
Component Description:	Structural analysis												
Amount:	\$9,281.00												
Component Description:	Structural Analysis												
Amount:	\$4,250.00												
Major tower reinforcement /modifications	<table> <tr> <td data-bbox="713 786 1023 822">Component Description:</td><td data-bbox="1157 786 1299 898">Tower Modification Design</td></tr> <tr> <td data-bbox="713 907 826 943">Amount:</td><td data-bbox="1157 907 1275 943">\$6,700.00</td></tr> <tr> <td data-bbox="713 1046 1023 1081">Component Description:</td><td data-bbox="1157 1046 1310 1117">Tower modifications</td></tr> <tr> <td data-bbox="713 1126 826 1162">Amount:</td><td data-bbox="1157 1126 1303 1162">\$187,805.00</td></tr> </table>	Component Description:	Tower Modification Design	Amount:	\$6,700.00	Component Description:	Tower modifications	Amount:	\$187,805.00				
Component Description:	Tower Modification Design												
Amount:	\$6,700.00												
Component Description:	Tower modifications												
Amount:	\$187,805.00												
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<table> <tr> <td data-bbox="713 1296 1023 1332">Component Description:</td><td data-bbox="1157 1296 1358 1444">Interim antenna and transmission installation, installment #1</td></tr> <tr> <td data-bbox="713 1453 826 1489">Amount:</td><td data-bbox="1157 1453 1303 1489">\$101,209.20</td></tr> <tr> <td data-bbox="713 1592 1023 1628">Component Description:</td><td data-bbox="1157 1592 1319 1704">Antenna installation, installment #2</td></tr> <tr> <td data-bbox="713 1713 826 1749">Amount:</td><td data-bbox="1157 1713 1303 1749">\$236,154.80</td></tr> </table>	Component Description:	Interim antenna and transmission installation, installment #1	Amount:	\$101,209.20	Component Description:	Antenna installation, installment #2	Amount:	\$236,154.80				
Component Description:	Interim antenna and transmission installation, installment #1												
Amount:	\$101,209.20												
Component Description:	Antenna installation, installment #2												
Amount:	\$236,154.80												

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$110,896.00	\$108,293.00		\$35,932.50	
Additional Field Engineering Service, 14 Days	<i>\$28,000.00</i>	\$28,000.00	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	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,095.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,120.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,535.00	N/A	\$1,500.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,535.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,305.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	N/A	N/A

Project management of the transition	\$43,766.00	\$42,658.00	N/A	\$34,432.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,070.00	N/A	N/A	N/A
Sub-total	\$110,896.00	\$108,293.00	N/A	\$35,932.50	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 14 Days	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Prepare request for Special Temporary Authorization	<p>Component Description:</p> <p>Prepare request for Special Temporary Authorization- Item 4 of attached invoice summary</p> <p>Amount:</p> <p>\$1,500.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Project management of the transition	<p>Component Description:</p> <p>Project management services various</p> <p>Amount:</p> <p>\$3,748.96</p>

Component Description:	Project Management for Structural Analysis and Tower Modifications May 26, 2018 through June 29, 2018 including invoice from consultants Kessler and Gehman Associates for June 2018 progress report preparation.
Amount:	\$750.00

Component Description:	Project management services 10.27.18 through 12.31.18
Amount:	\$1,925.00

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates.
Amount:	\$750.00

Component Description:	Project management services Sep 2018
Amount:	\$150.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from March 31, 2018 through April 27, 2018.
Amount:	\$1,500.00

Component Description:	Project management services Nov 2018
Amount:	\$25.00

Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	\$150.00

Component Description:	Project management services 3.30.19 to 4.26.19
Amount:	\$1,150.00

Component Description:	Project management services February 2019
Amount:	\$123.50

Component Description:	Project management services May 2019
Amount:	\$90.00

Component Description:	Project management services March 2019
Amount:	\$221.00

Component Description:	Project management services 4.27.19 through 5.31.19
Amount:	\$75.00

Component Description:	Project management services January 2019
Amount:	\$65.00

Component Description:	Project management services 3.2.19 through 3.29.19
Amount:	\$150.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017.
Amount:	\$2,775.00

Component Description:	Project Management with associated consultant fee Kessler and Gehman Associates with their supporting invoice
Amount:	\$13,500.00

Component Description:	Project management services Jul 2018
Amount:	\$250.00

Component Description:	Project management services 9.29.18 through 10.26.18
Amount:	\$525.00

Component Description:	Project management services Aug 2018
Amount:	\$75.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017.
Amount:	\$1,725.00

Component Description:	Project management services Jun 2018
Amount:	\$425.00

Component Description:	Project management services March 2019
Amount:	\$80.00

Component Description:	Project management services 1.1.19 through 1.31.19 Items 1, 2 and 3 of the invoice summary
Amount:	\$675.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.
Amount:	\$1,050.00

Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	\$1,150.00

	<div data-bbox="715 159 1374 546"> <p>Component Description: Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.</p> <p>Amount: \$225.00</p> </div> <div data-bbox="715 658 1353 846"> <p>Component Description: Project management period 8.26.17 to 9.29.17</p> <p>Amount: \$804.04</p> </div> <div data-bbox="715 958 1374 1303"> <p>Component Description: Project Management for Structural Analysis and Tower Modifications for services June 30, 2018 through July 27, 2018.</p> <p>Amount: \$300.00</p> </div>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$356,135.00	\$355,835.00		\$104,968.65	
Equipment rental	<i>\$5,000.00</i>	\$5,000.00	Estimated rental costs for equipment needed during transmitter installation	\$0.00	N/A
Sales Tax	<i>\$236,085.00</i>	\$236,085.00	Sales and use tax at LA state rate, where the transmitter is located, 10.5%	\$75,469.32	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,250.00	N/A	\$1,856.00	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	\$13,716.00	N/A

Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$11,527.33	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	\$2,400.00	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$356,135.00	\$355,835.00	N/A	\$104,968.65	N/A
Total for all systems	\$3,429,521.00	\$2,533,451.00	N/A	\$1,820,588.99	N/A

Components

Actual Information	
Description	File Name
Equipment rental	Information not provided.
Sales Tax	<div> Component Description: Sales tax on transmitter parts Amount: \$845.63 </div> <div> Component Description: Sales tax on transmitter Amount: \$69,136.27 </div> <div> Component Description: Sales tax on electrical Amount: \$5,487.42 </div>
MVPD Notification of Channel Change	Information not provided.

DTV Medical Facility Notification	Component Description: Notification of Medical Facilities Amount: \$1,856.00
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Disposal costs. Amount: \$13,000.00 Component Description: Disposal costs Amount: \$513.00 Component Description: Disposal costs Amount: \$203.00
Equipment Delivery and Handling Charges	Component Description: Main antenna shipping, items 1 and 2 from invoice Amount: \$10,352.33 Component Description: Shipping for electrical gear Amount: \$1,175.00
Equipment Storage	Component Description: Main antenna storage cost Amount: \$2,400.00
Develop and air announcement of upcoming channel change	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,429,521.00	\$2,533,451.00	\$1,820,588.99

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	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"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

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

**Elizabeth
Ryder**
*General
Counsel*

08/23/2019

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"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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

<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>Elizabeth Ryder <i>General Counsel</i></p> <p>08/23/2019</p>

Attachments