Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **7143** | Service: **DTV** | Call Sign: **KASW** | Channel: **27 (UHF)**

File Number: **0000028265**

FRN: **0002710192** | Date Submitted: **09/18/2019**

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 *General Counsel* *Nexstar Broadcasting, Inc.*	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	See attached Repack Plan

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Diamond
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	TMU9-4
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2 kW
	Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel and is no longer supported per manufacturer.

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	50.0 feet

	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Retune transmitter	Retune transmitter for post repack channel

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	Sigma
	Year	2001
	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?	Yes
	Manufacturer	
	Model	HPTV-PRLX-U7
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	11.3 kW
	Justification for New Transmitter	IOT transmitter cannot be retuned. Need 15kW POST FILTER TPO, so one power step up is a 25.5kW. See Hitachi Comark quote for final product.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Site Survey and Electrical Panel for Backup transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	100.0 square feet
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

Information not provided.

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?	Yes
Existing 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	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)	531.0 kW

Manufacturer	
Model	TFU-24DSB-H (C)
Year	2006

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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	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)	445.0 kW
	Manufacturer	

	Model	TFU-17ETT /VP-R 4C190
	Year	2018
	Justification for New Antenna	Existing coaxial slot antenna is not designed to operate on repacked channel. Top mount antenna replaces old analog antenna and overall transition plan is more cost and time effective than replacing side mount antenna.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes

	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Additional elbow and anchor	Additional elbow and anchor
Sweep Test Interim Antenna	Sweep Test Interim Antenna

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	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	275 feet per run

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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	205 feet per run
	Justification for New Transmission Line	Existing 19.5 ft section length is prohibited for channel 27. Required section length is 20 ft.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission Line Additional Parts	Transmission Line Additional Parts

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	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	0 feet per run
	Justification for New Transmission Line	adapters to install an auxiliary antenna with temporary 3 inch heliax line to meet the November 30 deadline. These adapter parts were needed in order to link up the transmission line that had already been put in place when the transmitter was installe

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	Owned
	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	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1002069
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	33° 20' 01.0" N-
	Longitude (NAD83)	112° 03' 47.0" W-
	Overall Structure Height	344.48 feet
	Support Structure Height	295.27 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2657.45 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	09/01/1995

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
41299	KDKB	FM

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:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Load Study	Structural Analysis

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	173
	Explanation	It will be necessary to 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.
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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes

Number of Days	9
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 a License to Cover a Post-Transition Construction Permit Application	Prepare Engineering Portion of a License to Cover a Post-Transition Construction Permit Application

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	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 Justificatior
Primary Transmitter HPTV-PRLX-U7	**$1,539,550.00**	**$552,900.00**		**$458,750.00**	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	$947,000.00	$268,150.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Comark one tube IOT is higher cost than the SS. So maximum reimbursement is the price of the SS. Quotes attached. Cost revised down from 684,300 to 458,750 per Hitachi quote and Land installation costs	$268,150.00	See transmitter model correction.
Other -- Building Addition Size: 100.0	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Other Electrical Service: Site Survey and Electrical Panel for Backup transmitter.	***$15,000.00***	$15,000.00	N/A	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$4,900.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	$38,200.00	$36,300.00	N/A	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	$14,400.00	$13,700.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$190,600.00	Total Comark quotes $361,660 and $19,540, less amount reported on 21-30kW $190,600	$190,600.00	N/A
5 Ton system	$20,250.00	$19,250.00	N/A	N/A	N/A
Auxiliary Transmitter TMU9-4	**$201,250.00**	**$181,950.02**		**$150,250.02**	
Retune transmitter	***$14,200.00***	$14,200.00	See Land Communications quote 1045	$14,200.00	N/A
5 Ton system	$20,250.00	$19,250.00	N/A	$0.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	$2,600.00	$2,450.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	$38,200.00	$10,000.00	Panel and associated circuits will be less expensive than primary transmitter.	N/A	N/A

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	$126,000.00	$136,050.02	Rohde & Schwarz quote 802-051269.0 $103,000.02 plus Land Communications installation costs $33,050	$136,050.02	N/A
Sub-total	$1,740,800.00	$734,850.02	N/A	$609,000.02	N/A
Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:**	Transmitter installation, costs allocated to primary antenna; see also interim antenna
	Amount:	$77,550.00
	Component Description:	Lines 1, 2 & 3 of invoice. 50% installment.
	Amount:	$190,600.00
	Component Description:	See revised invoice ($171,540.00)
	Amount:	
	Component Description:	Lines 1,2,3 of invoice. See also sales tax.
	Amount:	$171,540.00
Other -- Building Addition Size: 100.0	Information not provided.	

Other Electrical Service: Site Survey and Electrical Panel for Backup transmitter.	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
Service entrance 3 phase /800 amp/208 volt	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** Transmitter and auxiliary equipment, installment #3; see also sales tax **Amount:** $19,060.00 **Component Description:** Transmitter and auxiliary equipment, installment #2; see also sales tax **Amount:** $171,540.00
5 Ton system	Information not provided.
Retune transmitter	**Component Description:** Retune transmitter **Amount:** $14,200.00
5 Ton system	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Switchgear - industrial 800 amp	Information not provided.

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	**Component Description:**	Transmitter, installment #2
	Amount:	$51,500.00
	Component Description:	Interim transmitter, installment #3
	Amount:	$25,750.01
	Component Description:	Transmitter system, 25% down payment
	Amount:	$25,750.01
	Component Description:	Interim transmitter installation costs
	Amount:	$33,050.00

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-17ETT /VP-R 4C190	**$563,050.00**	**$295,763.00**		**$282,273.00**	
Sweep Test Interim Antenna	***$6,400.00***	$6,400.00	See Jeremy Ruck quote 181101-1	$0.00	N/A
Additional elbow and anchor	***$1,120.00***	$1,120.00	See Dielectric change order 1.31.19	$1,120.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$25,566.00	Attached quote depicts $10,298.00 for elbow complex; however, the quote depicts an additional $15,268 for an input complex required to extend the antenna input through the support pole into the tower below the top-plate.	$25,566.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$140,952.35	Initial 45% reimbursement was forwarded to financial ops; however, antenna budgeted in 399 was incorrect and did not cover actual cost of the top-mount antenna and wedding cake. Remaining 45% and 10% reimbursements shall be requested from this section.	$133,862.35	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	$247,000.00	$115,324.65	***System Notice: Estimate adjusted and locked because line has been superseded.***	$115,324.65	Subtotal equals estimated cost.
Sub-total	$563,050.00	$295,763.00	N/A	$282,273.00	N/A
Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information Description	File Name

Sweep Test Interim Antenna	**Component Description:** **Amount:**	Sweep test $6,400.00
Additional elbow and anchor	**Component Description:** **Amount:**	Additional antenna components $1,120.00

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:**	Balance due, elbow complex
	Amount:	$1,029.80
	Component Description:	Balance due, input complex
	Amount:	$1,526.80
	Component Description:	Input complex, installment #2, line 4 of invoice
	Amount:	$6,870.60
	Component Description:	Elbow component, line 5 of invoice
	Amount:	$4,634.10
	Component Description:	Elbow complex component, line 4 of invoice
	Amount:	$6,870.60
	Component Description:	Line 4 of invoice. Antenna component.
	Amount:	$6,870.60
	Component Description:	Line 5 of invoice. Antenna component.
	Amount:	$4,634.10
	Component Description:	Elbow complex, installment #2, line 5 of invoice
	Amount:	$4,634.10

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

Component Description:	Balance due, mounting pole
Amount:	$2,521.40
Component Description:	Balance due on Wedding Cake Mounting Adapter
Amount:	$2,320.50
Component Description:	Balance due on antenna component
Amount:	$16,886.30
Component Description:	Antenna component, line 2 of invoice
Amount:	$10,442.25
Component Description:	Mounting pole, installment #2, line 3 of invoice
Amount:	$25,703.55
Component Description:	Wedding cake mounting adapter, installment #2, line 2 of invoice
Amount:	$10,442.25
Component Description:	Main antenna, installment #2, line 1 of invoice
Amount:	$75,988.35

	Component Description:	Antenna component, line 3 of invoice
	Amount:	$25,703.55
	Component Description:	Antenna component, line 1 of invoice
	Amount:	$75,988.35
Sweep test of existing antenna	**Component Description:**	Sweep test
	Amount:	$6,400.00
	Component Description:	Sweep test not performed by Dielectric.
	Amount:	($5,760.00)
	Component Description:	Sweep test, line 24 of invoice
	Amount:	$2,880.00
	Component Description:	Sweep test, installment #2, line 24 of invoice
	Amount:	$2,880.00
	Component Description:	Line 24 of invoice. Sweep test.
	Amount:	$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	**Component Description:** **Amount:**	Line 3 of invoice. Antenna component. $28,894.05
	Component Description: **Amount:**	Line 2 of invoice. Antenna component. $10,442.25
	Component Description: **Amount:**	Line 1 of invoice. Antenna component. $75,988.35

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 Justificatior
Interim Transmission Line	**$0.00**	**$1,825.80**		**$1,825.80**	
Flexible Air Transmission Line - dielectric, 3"	$0.00	$1,825.80	See ERI Proposal 20181126-949 with invoice 52432	$1,825.80	N/A
Primary Transmission Line	**$44,105.00**	**$78,767.50**		**$78,767.50**	
Transmission Line Additional Parts	***$2,695.00***	$2,695.00	See Dielectric change orders 11.7.18 and 1.28.19	$2,695.00	N/A
Rigid Transmission Line - copper, 6 1/8"	$41,410.00	$76,072.50	See attached Dielectric quote for 205 ft of 6-1/8" rigid line (165 vertical + 40 ft horizontal) with a total cost of $44,027.90 which exceeds the predetermined cost estimate by $3,642.90 but is required for a complete and operational system. See also CO.	$76,072.50	N/A
Sub-total	$44,105.00	$80,593.30	N/A	$80,593.30	N/A

Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 3"	**Component Description:** **Amount:**	Transmission line adapter parts $1,825.80
Transmission Line Additional Parts	**Component Description:** **Amount:**	Additional transmission line component $1,820.00
	Component Description: **Amount:**	XFMR Additional component $875.00

Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	Balance due, transmission line
	Amount:	$10,881.38
	Component Description:	Balance due, transmission line
	Amount:	$25,566.00
	Component Description:	Transmission line, installment #2, line 6 of invoice
	Amount:	$19,812.56
	Component Description:	Line 6 of invoice. Transmission line component.
	Amount:	$19,812.56
	Component Description:	Rigid transmission line component, line 6 of invoice, installment #2
	Amount:	$19,812.56

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 C Justifica
Primary Tower TOWER	**$2,014,500.00**	**$1,234,529.00**		**$1,213,975.30**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$283,415.00	See attached SG Communications Quote for $1,121,664.00 where $876,064 is for tower modifications and $245,600 is fir rigging. See also SG Communications T&M invoice 18-2019 to install interim antenna and A Communications South Mountain Quote	$282,861.30	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	$26,300.00	$28,572.50	See various quotes from Tower Engineering Company	$28,572.50	N/A

Major tower reinforcement /modifications	$421,000.00	$10,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached correspondence from structural engineer that analyzed the KASW tower.	$10,000.00	N/A
Tower Load Study	***$10,000.00***	$10,000.00	N/A	N/A	N/A
Short Tower (less than 500')	$84,200.00	$26,477.50	***System Notice: Estimate adjusted and locked because line has been superseded.***	$26,477.50	N/A
Serious tower reinforcement /modifications	$1,052,000.00	$876,064.00	See attached SG Communications Quote for $1,121,664.00 where $876,064 is for tower modifications and $245,600 is for rigging.	$866,064.00	N/A
Sub-total	$2,014,500.00	$1,234,529.00	N/A	$1,213,975.30	N/A
Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information Description	File Name

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:**	Tower rigging cost, 30% due on acceptance
	Amount:	$73,680.00
	Component Description:	Tower rigging costs, installment #2
	Amount:	$73,680.00
	Component Description:	Interim antenna installation
	Amount:	$32,375.00
	Component Description:	Relocate tower equipment
	Amount:	$4,886.30
	Component Description:	Tower rigging costs 30% installment # 3
	Amount:	$73,680.00
	Component Description:	Tower rigging costs 10% installment # 4
	Amount:	$24,560.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	**Component Description:**	Structural Mods and Construction drawings
	Amount:	$3,000.00
	Component Description:	Structural Mods and Construction Drawings
	Amount:	$1,771.25
	Component Description:	Rigging Tower analysis
	Amount:	$5,000.00
	Component Description:	Foundation Modification Redesign
	Amount:	$3,500.00
	Component Description:	Structural Mods and Construction Drawings
	Amount:	$5,501.25
	Component Description:	Structural mods and construction drawings
	Amount:	$3,000.00
	Component Description:	Top Plate Redesign
	Amount:	$5,500.00
	Component Description:	Interim Antenna Tower analysis
	Amount:	$1,300.00

Major tower reinforcement /modifications	**Component Description:** **Amount:**	Deposit to retain service of Coast to Coast Tower Service. See the Nexstar Commitment Letter attachment. $10,000.00
Tower Load Study	Information not provided.	
Short Tower (less than 500')	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Tower Equipment and Rigging, installment #3 $7,246.25 Services provided March 1 - March 31, 2018 $11,956.25 Services provided January 25 to February 28, 2018. $7,275.00

Serious tower reinforcement /modifications	**Component Description:**	Foundation and tower modifications, 30% installment # 3
	Amount:	$262,819.20
	Component Description:	Foundation and tower modifications, 10% installment #4
	Amount:	$87,606.40
	Component Description:	Refund of retainer for tower services
	Amount:	($10,000.00)
	Component Description:	Foundation and Tower Modifications, installment #2
	Amount:	$262,819.20
	Component Description:	Foundation and tower modifications, 30% due on acceptance
	Amount:	$262,819.20

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 Justificatio
Outside Professional Services	**$78,249.00**	**$102,975.00**		**$58,337.43**	
Project management of the transition	$27,334.00	$52,500.00	The staff at KASW does not have the time or skills to manage and coordinate all activities that must be done for the transmission facility. We estimate that outside services will be 166.5 hours at $150 /hr. This is now revised to 350 hours at $150/hr.	$51,624.93	N/A
Prepare Engineering Portion of a License to Cover a Post-Transition Construction Permit Application	***$625.00***	$625.00	See KGA subcontractor invoice 918-826	$625.00	N/A
Additional Field Engineering Service, 9 Days	***$18,000.00***	$18,000.00	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
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	$3,500.00	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	$3,000.00	Additional STA required to operate FCC Repack Post Transition Interim Facility while new Post Transition Main Facility is built out	$3,000.00	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	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$2,537.50	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	N/A	N/A
Sub-total	$78,249.00	$102,975.00	N/A	$58,337.43	N/A
Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information Description	File Name
Project management of the transition	

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from June 30, 2018 through July 27, 2018.
Amount:	$1,725.00
Component Description:	Project management services
Amount:	$2,227.50
Component Description:	Project management services 3.2.19 through 3.29.19
Amount:	$4,650.00
Component Description:	Project management services 1.1.19 through 1.31.19
Amount:	$3,600.00
Component Description:	Project management services 01.2019
Amount:	$75.00
Component Description:	Project management services 02.2019
Amount:	$335.00

Component Description:	Project management services 10.27.18 through 11.30.18
Amount:	$3,450.00
Component Description:	Project management services April 2019
Amount:	$260.00
Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	$1,425.00
Component Description:	Project management services March 2019
Amount:	$200.00
Component Description:	Project management services 08.2018
Amount:	$150.00
Component Description:	Project management services 12.1.18 through 12.31.18, items 1 and 3 from invoice summary
Amount:	$1,050.00
Component Description:	Project management services 11.2018
Amount:	$200.00

Component Description:	Project management services 10.2018
Amount:	$50.00
Component Description:	Project management services January 2019
Amount:	$65.00
Component Description:	Form 387 Transition Plan Progress Report; item 4 from invoice summary
Amount:	$150.00
Component Description:	Project management services
Amount:	$19,409.93
Component Description:	Project management services May 2019
Amount:	$1,371.50
Component Description:	Vendor has issued a revised invoice.
Amount:	($1,425.00)
Component Description:	Vendor has issued a revised invoice
Amount:	($12,753.57)

Component Description:	Project management services 3.31.18 through 4.27.18
Amount:	$1,725.00
Component Description:	FCC Form 399 amendment; item 3 from invoice summary
Amount:	$475.00
Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from January 27, 2018 through February 23, 2018.
Amount:	$1,425.00
Component Description:	Project management services 5.26.18 through 6.29.18
Amount:	$2,400.00

Component Description: Project Management for Structural Analysis and Tower Modifications. Services from August 26, 2017 through September 29, 2017.

Amount: $12,753.57

Component Description: Project management services April 2019

Amount: $25.00

Component Description: Project management services, item 1 from invoice summary

Amount: $3,000.00

Component Description: Project Management of Structural Analysis and Tower Modification period 1/1/18 to 1/26/18

Amount: $1,725.00

Component Description: Prepare Form 387 Transition Plan Progress Report, item 3 from invoice summary

Amount: $150.00

	Component Description: **Amount:**	Project management services 7.28.18 through 9.28.18; item 1 from invoice summary $1,575.00
	Component Description: **Amount:**	Project management services March 2019 $156.00
Prepare Engineering Portion of a License to Cover a Post-Transition Construction Permit Application	**Component Description:** **Amount:**	License application, item 2 from invoice summary $625.00
Additional Field Engineering Service, 9 Days	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	**Component Description:** **Amount:**	Prepare and submit FAA filing, item 2 from invoice summary $550.00
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	**Component Description:** **Amount:** **Component Description:** **Amount:**	Prepare request for Special Temporary Authorization $1,500.00 Special Temporary Authority, item 2 from invoice summary $1,500.00
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	Information not provided.	

Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Engineering study for new channel assignment $1,312.50
	Component Description: **Amount:**	Evaluate expansion options and channel displacement $1,400.00
	Component Description: **Amount:**	Engineering study for new channel assignment $1,225.00
	Component Description: **Amount:**	Service through 8.31.17. Update 399 and investigate displacement channel. $1,312.50
Prepare and or review reimbursement form	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	**$236,876.78**	**$236,271.78**		**$139,609.14**	
Equipment Rental	***$2,375.00***	$2,375.00	Estimated equipment rental costs	$2,374.49	N/A
Sales Tax	***$151,300.00***	$151,300.00	Blended sales and use tax rate of 8.5% on goods and services based on AZ state and local tax rates. Rate is applied to costs for transmitter, antenna, line and tower work.	$116,556.47	N/A
MVPD Notification of Channel Change	***$2,500.00***	$2,500.00	N/A	N/A	N/A
Equipment Storage	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$25,000.00***	$25,000.00	N/A	N/A	N/A

Local Zoning	***$2,000.00***	$2,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$5,166.40	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$15,511.78***	$15,511.78	See related shipping invoices; vendor does not provide an estimate of delivery and handling costs	$15,511.78	N/A
Sub-total	$236,876.78	$236,271.78	N/A	$139,609.14	N/A
Total for all systems	$4,677,580.78	$2,684,982.10	N/A	$2,383,788.19	N/A

Components

Actual Information		
Description	**File Name**	

Equipment Rental	**Component Description:**	Dumpster rental
	Amount:	$675.68
	Component Description:	Forklift equipment rental
	Amount:	$1,698.81
Sales Tax	**Component Description:**	Use tax due on repack invoices not charged by vendors
	Amount:	$31,563.44
	Component Description:	Sales tax due on transmitter components, installment #3
	Amount:	$1,451.65
	Component Description:	Tax on invoices for transmitter.
	Amount:	$6,873.00
	Component Description:	Tax due on foundation and tower modifications
	Amount:	$48,971.98
	Component Description:	Sales tax on transmitter components, installment #2
	Amount:	$13,064.86

	Component Description: Tax on transmission line adapter **Amount:** $115.03 **Component Description:** See revised invoice **Amount:** ($13,064.86) **Component Description:** Sales tax on 50% installment. **Amount:** $14,516.51 **Component Description:** Sales tax related to 2nd installment transmitter equipment **Amount:** $13,064.86
MVPD Notification of Channel Change	Information not provided.
Equipment Storage	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	**Component Description:** Transmitter Medical Facility Notification **Amount:** $5,166.40

FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
Equipment Delivery and Handling Charges	**Component Description:** Freight only **Amount:** $4,844.81 **Component Description:** Freight on transmission line adapter **Amount:** $402.57 **Component Description:** Freight on component **Amount:** $400.87 **Component Description:** Freight only **Amount:** $9,863.53

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$4,677,580.78	$2,684,982.10	$2,383,788.19

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	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Elizabeth Ryder** *General Counsel* 09/18/2019

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 IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Elizabeth Ryder** *General Counsel* 09/18/2019

Attachments