



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **53313** | Service: **DTV** | Call **KSRE** | Channel: **15 (UHF)** |  
ID: | Sign:  
File **0000027079**  
Number:  
FRN: **0002476091** | Date **06/24**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>PRAIRIE PUBLIC BROADCASTING, INC.</b>	Jack Anderson	+1 (701)	janderson@prairiepublic.org	Not-for-Profit
Doing Business As:	PO Box 3240	241-6900		
PRAIRIE PUBLIC BROADCASTING, INC.	FARGO, ND 58108			
	United States			

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

**Broadcaster  
Information  
and  
Transition  
Plan**

Question	Response
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	Total replacement of existing single channel RF system consisting of 942 ft guyed tower, side-mounted antenna and 3-1/8 rigid line with new equal height tower, line size and top-mounted antenna. 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	DHD20P1
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	5.5 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	Maxiva UAXTE-8R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	The existing transmitter and mast filter is channel-specific and must be replaced to accommodate the channel change. Proposed KW size based on top-mounted antenna and 3-1/8 rigid transmission line. TX upgraded from 3.6KW to 4.8K for coverage maximization.

**Primary  
Transmitter**

**Other Transmitter Costs**

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

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Relocation of main building transformer.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A tons
<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
Electrician - TX	Funding for labor and materials to install new transmitter and associated surge suppressor.

**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) .....	146.0 kW

Manufacturer	
Model	881-24
Year	2003

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## Primary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	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	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) .....	36.2 kW
	Manufacturer	
	Model	TFU-15JTH- R-C250

Year	2017
Justification for New Antenna	The existing side mounted antenna is channel-specific and must be replaced to accommodate the channel change. Proposed top mounted antenna allows for minimal outage times during testing and transition periods.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	3 1/8 inches inches

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

**Primary  
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	3 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	800 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	3 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run
	Justification for New Transmission Line	Proposed rigid transmission line allows for minimal outage times during testing and transition periods. Line and antenna will be installed concurrently with replacement tower.

Primary 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	Construct New
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1037968
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	48° 03' 02.0" N-
	Longitude (NAD83)	101° 23' 27.0" W-
	Overall Structure Height	1030.83 feet
	Support Structure Height	943.89 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2118.08 feet
	Structure Type	TOWER - Free Standing or Guyed Structure



Tower Owner	PRAIRIE PUBLIC BROADCASTING INC
Date Constructed	11/08/1983

**Primary  
Tower**

**Tower Construction Costs**

Section	Question	Response
Construct New Tower	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	944.00 feet
	Justification for New Tower	Results of structural analysis of the existing tower built in 1983 determined it was not feasible to perform upgrades necessary to comply with the EIA /TIA 222-G national standard. Best-case antenna loading was used, with removal of the top mounted antenna

**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**  
Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<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	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Project Management</b>	Consideration for Inside project management labor cost.
<b>Tower Soil Analysis</b>	Soil testing performed to determine type and design of replacement tower foundations.
<b>Tower Structural Analysis</b>	Tower analysis performed on existing tower to determine if upgrading structure was feasible.

## 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	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	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)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.

## 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
<b>Primary Transmitter Maxiva UAXTE-8R37</b>	<b>\$448,675.12</b>	<b>\$211,175.12</b>		<b>\$205,035.60</b>	
Electrician - TX	<i>\$4,000.00</i>	\$4,000.00	N/A	\$743.07	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$17,192.41	N/A
Other Electrical Service: Relocation of main building transformer.	<i>\$15,000.00</i>	\$15,000.00	N/A	\$14,175.00	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$0.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 3.6 kW	<i>\$172,925.12</i>	\$172,925.12	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$172,925.12	N/A
<b>Sub-total</b>	<b>\$448,675.12</b>	<b>\$211,175.12</b>	N/A	<b>\$205,035.60</b>	N/A
<b>Total for all systems</b>	<b>\$3,801,345.12</b>	<b>\$3,498,653.12</b>	N/A	<b>\$3,115,050.25</b>	N/A



## Components

Actual Information		
Description	File Name	
Electrician - TX	<b>Component Description:</b>	KSRE Electrical Materials
	<b>Amount:</b>	\$166.86
	<b>Component Description:</b>	KSRE Electrical Materials
	<b>Amount:</b>	\$200.73
	<b>Component Description:</b>	KSRE Electrical Materials
	<b>Amount:</b>	\$375.48
5 Ton system	<b>Component Description:</b>	KSRE HVAC Components
	<b>Amount:</b>	\$193.63
	<b>Component Description:</b>	KSRE HVAC Materials
	<b>Amount:</b>	\$217.49
	<b>Component Description:</b>	HVAC Materials
	<b>Amount:</b>	\$2,586.29
	<b>Component Description:</b>	KSRE HVAC Materials
	<b>Amount:</b>	\$111.74
	<b>Component Description:</b>	KSRE HVAC Materials
	<b>Amount:</b>	\$126.84

<b>Component Description:</b>	KSRE HVAC (No Tax, Added Material Cost Added)
<b>Amount:</b>	\$1,748.75

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$67.66

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$1,441.44

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$164.00

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$478.85

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$5,970.00

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$50.17

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$1,567.10

<b>Component Description:</b>	KSRE HVAC Materials
<b>Amount:</b>	\$79.20

	<b>Component Description:</b> <b>Amount:</b>	KSRE HVAC Materials \$109.66
	<b>Component Description:</b> <b>Amount:</b>	KSRE HVAC Materials \$83.32
	<b>Component Description:</b> <b>Amount:</b>	KSRE HVAC Materials \$1,728.45
	<b>Component Description:</b> <b>Amount:</b>	KSRE HVAC Materials \$467.82
Other Electrical Service: Relocation of main building transformer.	<b>Component Description:</b> <b>Amount:</b>	Main electrical transformer utility cost. \$4,000.00
	<b>Component Description:</b> <b>Amount:</b>	Building transformer relocation electrical labor /materials. \$10,175.00
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	Information not provided.	

UHF - Air Cooled Solid State  
Transmitter 3.6 kW

**Component Description:** Transmitter 4th  
Payment,  
Updated 12/27/18  
**Amount:** \$18,983.64

**Component Description:** Initial down-  
payment for  
transmitter  
package.  
**Amount:** \$58,402.32

**Component Description:** Transmitter 3rd  
Payment -  
Adjusted For  
Upgraded  
Equipment  
**Amount:** \$39,451.82

**Component Description:** Transmitter 2nd  
Payment -  
Adjusted For  
Upgraded  
Equipment  
**Amount:** \$57,244.83

**Component Description:** Transmitter Initial  
Payment -  
Adjusted For  
Upgraded  
Equipment  
**Amount:** \$57,244.83

## 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
<b>Primary Antenna TFU-15JTH-R-C250</b>	<b>\$261,330.00</b>	<b>\$214,845.00</b>		<b>\$214,047.53</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,347.94	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$201,069.00	The existing side mounted antenna is channel-specific and must be replaced to accommodate the channel change. Proposed top mounted antenna allows for minimal outage times during testing and transition periods.	\$200,381.52	N/A
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,376.00	N/A	\$7,318.07	N/A
<b>Sub-total</b>	<b>\$261,330.00</b>	<b>\$214,845.00</b>	<b>N/A</b>	<b>\$214,047.53</b>	<b>N/A</b>

<b>Total for all systems</b>	\$3,801,345.12	\$3,498,653.12	N/A	\$3,115,050.25	N/A
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## Components

Actual Information Description	File Name
Sweep test of existing antenna	<div> <div>Component Description:</div> <div>Request partial payment that represents % of total sweep test cost.</div> <div>Amount:</div> <div>\$2.48</div> </div> <div> <div>Component Description:</div> <div>Request partial payment that represents % of total sweep test cost.</div> <div>Amount:</div> <div>\$137.41</div> </div> <div> <div>Component Description:</div> <div>Request partial payment that represents % of total sweep test cost.</div> <div>Amount:</div> <div>N/A</div> </div> <div> <div>Component Description:</div> <div>Request partial payment that represents % of total sweep test cost. Updated 12/27/18.</div> <div>Amount:</div> <div>\$111.62</div> </div>

	<b>Component Description:</b>	Request partial payment that represents approx. 5.26% of total sweep test cost.
	<b>Amount:</b>	\$336.43
	<b>Component Description:</b>	Request partial payment that represents 45% of total sweep test cost.
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Request partial payment that represents 45% of total sweep test cost.
	<b>Amount:</b>	\$2,880.00
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<b>Component Description:</b>	Request partial payment that represents % of total antenna cost.
	<b>Amount:</b>	\$74.44
	<b>Component Description:</b>	Request partial payment that represents % of total antenna cost.
	<b>Amount:</b>	\$1,345.11
	<b>Component Description:</b>	Request partial payment that represents % of total antenna cost.
	<b>Amount:</b>	\$4,120.36

	<b>Component Description:</b>	Request partial payment that represents 45% of total antenna and shipping cost.
	<b>Amount:</b>	\$86,360.85
	<b>Component Description:</b>	Request partial payment that represents 45% of total antenna and shipping cost.
	<b>Amount:</b>	\$86,360.85
	<b>Component Description:</b>	Request partial payment that represents approx. 5.26% of total antenna and shipping cost.
	<b>Amount:</b>	\$10,088.40
	<b>Component Description:</b>	North Dakota Use Tax on antenna. Updated 1/15/19.
	<b>Amount:</b>	\$8,684.40
	<b>Component Description:</b>	Request partial payment that represents % of total antenna cost. Updated 12/27/18.
	<b>Amount:</b>	\$3,347.11
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)		



<b>Component Description:</b>	Request partial payment that represents % of total elbow complex cost.
<b>Amount:</b>	\$2.73

<b>Component Description:</b>	Request partial payment that represents % of total elbow complex cost.
<b>Amount:</b>	\$150.80

<b>Component Description:</b>	Request partial payment that represents approx. 5.26% of total elbow complex cost.
<b>Amount:</b>	\$369.24

<b>Component Description:</b>	Request partial payment that represents % of total elbow complex cost. Updated 12/27/18.
<b>Amount:</b>	\$122.50

<b>Component Description:</b>	Request partial payment that represents 45% of total elbow complex cost.
<b>Amount:</b>	\$3,160.80

<b>Component Description:</b>	Request partial payment that represents % of total elbow complex cost.
<b>Amount:</b>	N/A

<b>Component Description:</b>	North Dakota Use Tax on elbow complex. Updated 1/15/19.
<b>Amount:</b>	\$351.20

<b>Component Description:</b>	Request partial payment that represents 45% of total elbow complex cost.
<b>Amount:</b>	\$3,160.80

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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
Primary Transmission Line	\$104,000.00	\$98,383.00		\$97,514.70	
Rigid Transmission Line - copper, 3 1/8"	\$104,000.00	\$98,383.00	Shipping and 5% Use Tax included in pricing.	\$97,514.70	N/A
Sub-total	\$104,000.00	\$98,383.00	N/A	\$97,514.70	N/A
Total for all systems	\$3,801,345.12	\$3,498,653.12	N/A	\$3,115,050.25	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 3 1/8"	Component Description:
	Request partial payment that represents % of total line pkg cost.
	Amount:
	\$35.98
	Component Description:
	Request partial payment that represents % of total line pkg cost.
	Amount:
	\$1,264.00

<b>Component Description:</b>	Request partial payment that represents 45% of total transmission line package cost.
<b>Amount:</b>	\$41,739.48

<b>Component Description:</b>	Request partial payment that represents % of total line pkg cost.
<b>Amount:</b>	\$1,991.43

<b>Component Description:</b>	Request partial payment that represents approx. 5.26% of total transmission line cost.
<b>Amount:</b>	\$4,875.87

<b>Component Description:</b>	North Dakota Use Tax on line package. Updated 1/15/19.
<b>Amount:</b>	\$4,250.76

<b>Component Description:</b>	Request partial payment that represents 45% of total transmission line package cost.
<b>Amount:</b>	\$41,739.48

<b>Component Description:</b>	Request partial payment that represents % of total line pkg cost. Updated 12/27/18.
<b>Amount:</b>	\$1,617.70

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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	\$0.00	\$0.00		\$0.00	
Primary Tower	\$2,890,500.00	\$2,880,000.00		\$2,519,647.67	
New tower	<i>\$2,680,000.00</i>	\$2,680,000.00	N/A	\$2,519,647.67	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Sub-total	\$2,890,500.00	\$2,880,000.00	N/A	\$2,519,647.67	N/A
Total for all systems	\$3,801,345.12	\$3,498,653.12	N/A	\$3,115,050.25	N/A

Components

Actual Information	
Description	File Name
New tower	<div><div>Component Description:</div><div>Tower Partial Shipping#2(Final)</div><div>Amount:</div><div>\$23,850.00</div></div> <div><div>Component Description:</div><div>Tower foundation guy anchor bolts and base pin. Resubmitted invoice to include PO/Quote/Invoice.</div><div>Amount:</div><div>\$15,045.00</div></div>

<b>Component Description:</b>	Partial payment to continue tower fabrication.
<b>Amount:</b>	\$200,000.00

<b>Component Description:</b>	Tower ice bridge foundation materials and design.
<b>Amount:</b>	\$14,232.00

<b>Component Description:</b>	Tower erection down payment request #1.
<b>Amount:</b>	\$35,000.00

<b>Component Description:</b>	Tower and foundation design cost. Resubmitted invoice to include PO/Quote/Invoice.
<b>Amount:</b>	\$7,500.00

<b>Component Description:</b>	Partial Shipping Payment
<b>Amount:</b>	\$27,834.95

<b>Component Description:</b>	Tower mounting brackets.
<b>Amount:</b>	\$20,068.70

<b>Component Description:</b>	Tower erection payment request #4.
<b>Amount:</b>	\$354,814.50

<b>Component Description:</b>	Tower guy wire inspection scale required to field verify guy tensions.
<b>Amount:</b>	\$3,931.14

<b>Component Description:</b>	Tower Erection Payment Request #3
<b>Amount:</b>	\$354,814.50

<b>Component Description:</b>	Tower materials.
<b>Amount:</b>	\$1,532.00

<b>Component Description:</b>	Tower partial payment request #4.
<b>Amount:</b>	\$103,248.77

<b>Component Description:</b>	KSRE Tower Materials
<b>Amount:</b>	\$1,201.41

<b>Component Description:</b>	New tower foundation installation. (Steeplejacks Quotations & PO Uploaded as separate files)
<b>Amount:</b>	\$693,500.00

<b>Component Description:</b>	Tower foundation site marking supplies. Resubmitted invoice to include PO & Invoice.
<b>Amount:</b>	\$28.18

<b>Component Description:</b>	Tower rest platforms.
<b>Amount:</b>	\$6,000.00
<b>Component Description:</b>	North Dakota Use Tax on tower. Updated 1/15/19.
<b>Amount:</b>	\$30,676.29
<b>Component Description:</b>	Partial payment to begin tower fabrication. (Ehresmann Quotation & PO Uploaded as separate files)
<b>Amount:</b>	\$75,000.00
<b>Component Description:</b>	KSRE Tower Materials
<b>Amount:</b>	\$299.92
<b>Component Description:</b>	Partial payment #3 to continue tower fabrication.
<b>Amount:</b>	\$200,000.00
<b>Component Description:</b>	On-site drone to provide independent video tower inspection and allow field verification of installation work performed during construction.
<b>Amount:</b>	\$2,949.00



	<div><div><b>Component Description:</b></div><div><b>Amount:</b></div></div> <div>Tower erection payment request #2. \$354,814.50</div>
	<div><div><b>Component Description:</b></div><div><b>Amount:</b></div></div> <div>Tower-Junction Box \$186.95</div>
Tall Tower (greater than 500')	Information not provided.

## 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>\$81,290.00</b>	<b>\$79,250.00</b>		<b>\$71,963.75</b>	
Tower Structural Analysis	<i>\$3,000.00</i>	\$3,000.00	N/A	\$3,000.00	N/A
Tower Soil Analysis	<i>\$9,600.00</i>	\$9,600.00	N/A	\$9,557.50	N/A
Project Management	<i>\$36,400.00</i>	\$36,400.00	Consideration for inside project management labor.	\$36,390.00	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$1,739.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$757.50	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$3,500.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$957.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,790.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,075.50	The budgeted KSRE legal review cost were estimated. The actual legal costs are more than was anticipated
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$9,197.25	A percentage of these costs could be allocated for FAA engineering services as noted on invoice.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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 request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$81,290.00	\$79,250.00	N/A	\$71,963.75	N/A
<b>Total for all systems</b>	\$3,801,345.12	\$3,498,653.12	N/A	\$3,115,050.25	N/A

## Components

Actual Information		
Description	File Name	
Tower Structural Analysis	<b>Component Description:</b>  <b>Amount:</b>	Tower structural analysis on existing tower. Resubmitted to include PO/Quote /Invoice. \$3,000.00
Tower Soil Analysis	<b>Component Description:</b>  <b>Amount:</b>	Soils analysis for foundation design. \$9,557.50

Project Management	<div data-bbox="715 174 1380 405"> <p><b>Component Description:</b> Inside project management labor request #3, including time sheets, pay stubs and letter.</p> <p><b>Amount:</b> \$2,916.00</p> </div> <div data-bbox="715 555 1380 786"> <p><b>Component Description:</b> Inside project management labor request #2, including time sheets, pay stubs and letter.</p> <p><b>Amount:</b> \$14,094.00</p> </div> <div data-bbox="715 936 1380 1043"> <p><b>Component Description:</b> Inside project management labor.</p> <p><b>Amount:</b> \$19,380.00</p> </div>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	<div data-bbox="715 1182 1337 1335"> <p><b>Component Description:</b> Legal costs associated with FAA issues.</p> <p><b>Amount:</b> \$1,161.50</p> </div> <div data-bbox="715 1442 1348 1594"> <p><b>Component Description:</b> KSRE FAA filing (Includes Quote and PO)</p> <p><b>Amount:</b> \$577.50</p> </div>
ASR modification (prepare FCC Form 854)	<div data-bbox="715 1736 1337 1888"> <p><b>Component Description:</b> Legal costs associated with ASR issues.</p> <p><b>Amount:</b> \$757.50</p> </div>

Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <div>Component Description:</div> <div>Legal/STA</div> </div> <div> <div>Amount:</div> <div>\$3,500.00</div> </div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<div> <div>Component Description:</div> <div>Legal Services</div> </div> <div> <div>Amount:</div> <div>\$957.00</div> </div>

Attorney Fees - Prepare and  
File FCC Form 2100 (main),  
Construction Permit  
Application

**Component Description:**

Legal costs  
associated with  
construction  
permit.

**Amount:**

\$2,015.00

**Component Description:**

Legal Review

**Amount:**

\$35.00

**Component Description:**

Legal Review

**Amount:**

\$672.50

**Component Description:**

Legal costs  
associated with  
construction  
permit.

**Amount:**

\$773.50

**Component Description:**

Legal Review

**Amount:**

\$202.00

**Component Description:**

Legal costs  
associated with  
construction  
permit.

**Amount:**

\$151.50

**Component Description:**

Legal Review

**Amount:**

\$738.50

**Component Description:**

Legal Review

**Amount:**

\$202.00

Prepare and or review  
reimbursement form

**Component Description:** Legal costs.  
**Amount:** \$50.50

**Component Description:** Project FCC legal  
review costs.  
**Amount:** \$303.00

**Component Description:** Legal repack  
services.  
**Amount:** \$909.00

**Component Description:** Project FCC legal  
review costs.  
**Amount:** \$50.50

**Component Description:** Legal Review  
**Amount:** \$50.50

**Component Description:** Project FCC legal  
review costs.  
**Amount:** \$151.50

**Component Description:** Legal review costs.  
**Amount:** \$151.00

**Component Description:** Legal review costs.  
**Amount:** \$409.50

**Component Description:** Legal Costs  
**Amount:** N/A



Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b></p> <p>Engineering consultant cost for construction permit.</p> <p><b>Amount:</b></p> <p>\$9,197.25</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	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	\$15,550.00	\$15,000.00		\$6,841.00	
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	\$1,175.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$4,136.50	N/A
Develop and air announcement of upcoming channel change	\$2,000.00	\$2,000.00	N/A	\$1,529.50	N/A
Sub-total	\$15,550.00	\$15,000.00	N/A	\$6,841.00	N/A
Total for all systems	\$3,801,345.12	\$3,498,653.12	N/A	\$3,115,050.25	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Component Description: MVPD Notification Amount: \$1,175.00

DTV Medical Facility Notification	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Medical facility notifications.  \$2,950.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Legal review costs.  \$1,186.50 </div> </div>
Develop and air announcement of upcoming channel change	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Legal/Consumer Notices  \$585.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Legal/Consumer Notices  \$944.00 </div> </div>

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,801,345.12	\$3,498,653.12	\$3,115,050.25

**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.

**Jack  
William  
Anderson**  
*Director of  
Engineering*

06/24/2019

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"> <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>Jack William Anderson</b>  <i>Director of Engineering</i></p> <p>06/24/2019</p>

## Attachments