



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **49134** | Service: **DTV** | Call **KRDK-TV** | Channel: **24 (UHF)** |
ID: | Sign:
File **0000028885**
Number:
FRN: **0023903552** | Date **05/06**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
PARKER BROADCASTING OF DAKOTA LICENSE, LLC	RAVI KAPUR 2118	+1 (415)	FCC@CHICAGO22.COM	Limited Liability Company
Doing Business As:	WALSH	886-		
PARKER BROADCASTING OF DAKOTA LICENSE, LLC	AVENUE, SUITE 208 SANTA CLARA, CA 95050 United States	7284		

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
Dennis P. Corbett	1025 Connecticut	+1 (202)	dcorbett@telecomlawpros.com
<i>Legal Counsel</i>	Ave, NW Suite 1011	789-	
<i>Telecommunications Law Professionals PLLC</i>	Washington, DC 20036 United States	3115	

**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		We intend to stay on the air as our existing digital antenna is sidemounted near the top of our tower. Our original analog antenna remains on top of the tower. So we will remove that antenna and replace it with the new antenna and transmission line.

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	DTT10kSU
	Year	2005
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	10 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	ULXTE-24
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	16 kW
	Justification for New Transmitter	See Exh 1 hereto. Our existing digital transmitter is on RF 38 & the transmitter manufacturer is no longer in business.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches

	Length	400.0 feet
	Other Electrical Service	Yes
	Description	Additional voltage regulators, surge suppressors in a rural electrical grid are required.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	30 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1500.0 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**

Name	Description
Heat Exchanger	Construct a crete pad with security fencing, ice bridge protection and security alarms.

Installation	Installation and interconnection of a complete transmitter and associated equipment such as external (indoor) pump module assemblies, Dual Fan Heat Exchangers, tunable Filter, Dual HT Exchanger plumbing kits, dummy load, etc.
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**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10 kW
	Justification for New Transmitter	Interim transmitter required on existing Channel 38 when the side mounted full power antenna must be turned off when the new top mounted CH 24 antenna is being installed. The Interim transmitter will be connected to new transmission line /broadband antenna

**Interim
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

**Interim
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?	No
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)	382.0 kW

Manufacturer	
Model	TFU-32DSB-M
Year	2005

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	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)	382.0 kW
	Manufacturer	

Model	ATC-BCE426CM-V1-24
Year	2017
Justification for New Antenna	The existing antenna is a single channel antenna and cannot be retuned.

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	7 3/16 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
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**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Primary
Antenna**

Add 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 this antenna currently shared with any other stations?	No
	Is this antenna directional?	Yes
	Is antenna in operating condition?	No
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	285.0 kW

Manufacturer	
Model	JSH-26/24 SEC-R
Year	2018

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	Side 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)	285.0 kW
	Manufacturer	

Model	JSH-26/24 SEC-R
Year	2018
Justification for New Antenna	New antenna is required to accomplish repack of station from channel 38 to channel 24.

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	7 3/16 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
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**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Antenna Removal	Removal of old antenna
Antenna Installation	Installation of new side mount antenna
Dehydrator System	Dehydrator system for side mount antenna

**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	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	1
	Lower Limit	530.00 MHz
	Upper Limit	620.00 MHz
	Design power capacity in use	60.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	131.79 kW
	Manufacturer	
	Model	ATC- BCSH16CC1- U2

Year	2017
Justification for New Antenna	<p>A new antenna will be needed for interim site use as the installation of our main antenna will be done in phases over a number of weeks.</p> <p>Because the tower is 2060 feet tall, in a region known for unpredictable weather, install delays are likely.</p>

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?	B
	Feed Line Size	3 1/8 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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim
Antenna

Other Antenna Cost Not Listed

Name	Description
Dehydrator	Interim Antenna Dehydrator

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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	2000 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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	2200 feet per run
	Justification for New Transmission Line	New CH 24 antenna will requires 19 3/4 foot line versus 19 1/2 foot for the original CH 38 line.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Existing Line Removal	The original analog coaxial line must be removed in order to install the new CH 24 coaxial line.
Sweep Test	TV/System Sweep (tune and test)

Primary **Add Transmission Line**
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 this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	No
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2133 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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2133 feet per run
	Justification for New Transmission Line	New vendor

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep Test	System Sweep Tune/Test
Transmission Line Installation	Install of New Transmission Line
Old Line Removal	Removal of Old Transmission Line

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	0
	Length	800 feet per run
	Justification for New Transmission Line	Line to be used with the interim antenna

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?	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?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1038731
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	47° 16' 45.0" N-
	Longitude (NAD83)	097° 20' 27.0" W-
	Overall Structure Height	2059.69 feet
	Support Structure Height	1932.72 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1064.95 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Parker Broadcasting of Dakota, LLC
	Date Constructed	08/03/1998

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for 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	N/A
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description
FAA Consultant	With the tower height at 2060 feet, we need to be certain we are complying with all federal aviation mandates to ensure the continued safety of the public during and after the installation.

Tower and Rigging Costs	Tower and rigging costs of tall tower due to weather delays
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**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	150
	Explanation	This is the 2nd tallest structure in the U.S. We need comprehensive help to ensure continued service & safety, as this tower has fallen twice historically. We will require experts in RF, tower rigging, antenna manufacturing, among other services.
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	Yes
	Environmental Assessment	Yes
	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	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	5

Justification	Our coverage reaches a wide swath of rural North Dakota and Minnesota, extending to the Canadian border. As one of only 5 full service television stations in the region, it's imperative we maintain a strong over-the-air signal to these agrarian areas.
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Outside Professional

Other Professional Services Expenses Not Listed

Services Costs

Name	Description
Attorney Fees - Prepare and File FCC Form 2100, Schedule 387	Prepare and file Form 2100, Schedule 387 (Transition Progress Reports)
Transmitter System Service	Emergency on-site work to perform troubleshooting and channel change for station transmitter system.
Zoning Permits	We will need to obtain local permits for all aspects of this installation.

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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	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?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Field Engineer	Comprehensive coverage verification needed via field study
RF Consulting Engineer	Perform engineering study for new channel assignment and antenna development
Motor Freight to Site	Motor freight to site of antenna and transmission line

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
Interim Transmitter ULXTE-16	\$692,050.00	\$657,600.00		\$388,360.04	
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$21,544.43	Q-77099 replaces Q-65189 with updated cost estimates for Invoice GO1004765A
4" Rigid Conduit and Wiring (Cost per foot)	\$10,100.00	\$9,600.00	N/A	\$0.00	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$4,226.37	Q-77099 replaces Q-65189 with updated cost estimates for Invoice GO1004765A
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	\$470,000.00	N/A	\$362,589.24	Q-77099 replaces cost invoice quotes in Q-65189 for Invoice GO1004765A-1

Primary Transmitter ULXTE-24	\$1,042,985.00	\$903,628.69		\$751,255.53	
Installation	<i>\$0.00</i>	\$0.00	See EXH 1	\$0.00	N/A
Heat Exchanger	<i>\$3,800.00</i>	\$3,800.00	Quote to be supplied.	\$3,799.50	N/A
Other -- Building Addition Size: 1500.0	<i>\$45,635.00</i>	\$45,635.00	See attached quote	N/A	N/A
30 Ton system	\$166,000.00	\$152,493.69	Transmitter building requires a complete winter /summer HVAC system	\$152,493.69	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$564,000.00	See EXH 1	\$558,910.40	Q-77104 reflects updated costs and changes made to original Q-65194 for Invoice GO1004765B-1
Other Electrical Service: Additional voltage regulators, surge suppressors in a rural electrical grid are required.	<i>\$25,000.00</i>	\$25,000.00	See EXH. 1	\$1,510.82	N/A

4" Rigid Conduit and Wiring (Cost per foot)	\$40,400.00	\$38,400.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$2,715.55	Q-77104 reflects updated costs for Q- 66104 for Invoice GO1004765B- 1
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$31,825.57	Quote Q- 77104 replaces Quote Q- 65194 for Invoice GO1004765B- 1
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Sub-total	\$1,735,035.00	\$1,561,228.69	N/A	\$1,139,615.57	N/A
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/A

Components

Actual Information
Description

File Name

UHF inside RF system including switching	<div> <div> Component Description: Amount: </div> <div> Invoice: "Mask Filter System" Quote: Line Items #13, #14, #15, #16 \$21,544.43 </div> </div> <div> <div> Component Description: Amount: </div> <div> Updated quote for Mask Filter System and RF Accessories, Line Item #13-15, 16-21 \$65,011.26 </div> </div>
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	<div> <div> Component Description: Amount: </div> <div> Invoice: "Electrical" Quote: Line Items #17, #18 \$4,226.37 </div> </div> <div> <div> Component Description: Amount: </div> <div> Updated Quote for "Electrical": Line Item #17 \$1,510.82 </div> </div>
Service entrance 3 phase /800 amp/208 volt	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<div> Component Description: Amount: </div> <div> Component Description: Amount: </div>	<div> Invoice: "Transmitter" and "Installation & Proof" Quote: #1- 12, #19-22 \$362,589.24 </div> <div> Q-77099 replaces cost invoice quotes in Q-65189 for Invoice GO1004765A-1, Transmitter and Services, Line Items #1-12, 23-26 \$362,588.91 </div>
Installation	Information not provided.	
Heat Exchanger	<div> Component Description: Amount: </div>	<div> Invoice: portion of "Transmitter" Quote: Line Item #9 \$3,799.50 </div>
Other -- Building Addition Size: 1500.0	Information not provided.	
30 Ton system	<div> Component Description: Amount: </div> <div> Component Description: Amount: </div>	<div> HVAC and Electrical Work \$5,862.64 </div> <div> HVAC Installation of new rooftop units, zones, ductwork \$146,631.05 </div>

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<table><tr><td>Component Description:</td><td>Site Survey</td></tr><tr><td>Amount:</td><td>\$30,597.00</td></tr><tr><td>Component Description:</td><td>Updated Quote of Invoice: "Transmitter" (excluding heat exchanger) and "Services" Quote: Line Items #1-8,10-13, #24-26</td></tr><tr><td>Amount:</td><td>\$534,023.69</td></tr><tr><td>Component Description:</td><td>Invoice: portion of "Transmitter" (excluding Heat Exchanger) and all of "Installation and Proof" Quote: Line Items #1-8, #10-12, #20-22</td></tr><tr><td>Amount:</td><td>\$528,313.40</td></tr></table>	Component Description:	Site Survey	Amount:	\$30,597.00	Component Description:	Updated Quote of Invoice: "Transmitter" (excluding heat exchanger) and "Services" Quote: Line Items #1-8,10-13, #24-26	Amount:	\$534,023.69	Component Description:	Invoice: portion of "Transmitter" (excluding Heat Exchanger) and all of "Installation and Proof" Quote: Line Items #1-8, #10-12, #20-22	Amount:	\$528,313.40
Component Description:	Site Survey												
Amount:	\$30,597.00												
Component Description:	Updated Quote of Invoice: "Transmitter" (excluding heat exchanger) and "Services" Quote: Line Items #1-8,10-13, #24-26												
Amount:	\$534,023.69												
Component Description:	Invoice: portion of "Transmitter" (excluding Heat Exchanger) and all of "Installation and Proof" Quote: Line Items #1-8, #10-12, #20-22												
Amount:	\$528,313.40												
Other Electrical Service: Additional voltage regulators, surge suppressors in a rural electrical grid are required.	<table><tr><td>Component Description:</td><td>Invoice: portion of "Electrical" Quote: Line Item # 18</td></tr><tr><td>Amount:</td><td>\$1,510.82</td></tr></table>	Component Description:	Invoice: portion of "Electrical" Quote: Line Item # 18	Amount:	\$1,510.82								
Component Description:	Invoice: portion of "Electrical" Quote: Line Item # 18												
Amount:	\$1,510.82												
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.												

Transformer 3 phase/480v - 150 KVA	<div> Component Description: Invoice: portion of "Electrical" Quote: Line item # 19 </div> <div> Amount: \$2,715.55 </div>
	<div> Component Description: Updated Cost for Electrical, line item #23 </div> <div> Amount: \$1,510.82 </div>
Switchgear - industrial 800 amp	<div> Component Description: Update Quote Invoice: Mask Filter System, Line items #14-16, RF Accessories, Line Items #17-22 </div> <div> Amount: \$47,411.31 </div>
	<div> Component Description: Invoice: Mask Filter System Quote: Line items #13-17 </div> <div> Amount: \$31,825.57 </div>
Service entrance 3 phase /800 amp/208 volt	Information not provided.

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 ATC-BCSH16CC1-U2	\$135,120.00	\$155,888.00		\$155,888.00	
Dehydrator	<i>\$6,500.00</i>	\$6,500.00	N/A	\$6,500.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,000.00	N/A	\$7,000.00	N/A
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$0.00	N/A	\$0.00	N/A

UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$139,388.00	Quote from vendor was higher than estimated cost to accommodate the tower	\$139,388.00	This amount includes the installation of the interim antenna. The increased cost has a direct correlation to the complexity of the project (e. g., very tall tower, need for interim facilities, etc.)
Sweep test of existing antenna	\$6,730.00	\$3,000.00	N/A	\$3,000.00	N/A
Primary Antenna ATC- BCE426CM- V1-24	\$267,630.00	\$0.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	\$0.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$0.00	N/A	\$0.00	The increased cost has a direct correlation to the complexity of the project (e. g., very tall tower, need for interim facilities, etc.)
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$0.00	N/A	\$0.00	N/A
Primary Antenna JSH-26/24 SEC-R	\$409,130.00	\$377,800.00		\$377,800.00	
Dehydrator System	\$8,600.00	\$8,600.00	N/A	\$8,600.00	N/A
Antenna Removal	\$85,400.00	\$85,400.00	Cost equally allocated from total cost for removal of antenna and transmission line.	\$85,400.00	N/A
Antenna Installation	\$67,500.00	\$67,500.00	Cost equally allocated from total cost for installation of antenna and transmission line.	\$67,500.00	N/A

Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$12,900.00	N/A	\$12,900.00	N/A
Sweep test of existing antenna	\$6,730.00	\$17,200.00	Field Service /Commissioning split evenly between antenna and transmission line testing	\$17,200.00	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$186,200.00	N/A	\$186,200.00	N/A
Sub-total	\$811,880.00	\$533,688.00	N/A	\$533,688.00	N/A
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/A

Components

Actual Information
Description

File Name

Dehydrator	<table> <tr> <td data-bbox="703 174 1011 210">Component Description:</td><td data-bbox="1145 174 1362 286">.5 of total dehydrator system cost</td></tr> <tr> <td data-bbox="703 297 815 333">Amount:</td><td data-bbox="1145 297 1262 333">\$3,250.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="703 434 1011 470">Component Description:</td><td data-bbox="1145 434 1362 546">.2 of total dehydrator system cost</td></tr> <tr> <td data-bbox="703 557 815 593">Amount:</td><td data-bbox="1145 557 1262 593">\$1,300.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="703 692 1011 728">Component Description:</td><td data-bbox="1145 692 1362 804">.3 of total dehydrator system cost</td></tr> <tr> <td data-bbox="703 815 815 851">Amount:</td><td data-bbox="1145 815 1262 851">\$1,950.00</td></tr> </table>	Component Description:	.5 of total dehydrator system cost	Amount:	\$3,250.00			Component Description:	.2 of total dehydrator system cost	Amount:	\$1,300.00			Component Description:	.3 of total dehydrator system cost	Amount:	\$1,950.00						
Component Description:	.5 of total dehydrator system cost																						
Amount:	\$3,250.00																						
Component Description:	.2 of total dehydrator system cost																						
Amount:	\$1,300.00																						
Component Description:	.3 of total dehydrator system cost																						
Amount:	\$1,950.00																						
Side mount brackets for high power antennas (if not included in antenna base cost)	<table> <tr> <td data-bbox="703 981 1011 1016">Component Description:</td><td data-bbox="1145 981 1310 1093">.3 of total side mount cost</td></tr> <tr> <td data-bbox="703 1059 815 1095">Amount:</td><td data-bbox="1145 1059 1262 1095">\$2,100.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="703 1196 1011 1232">Component Description:</td><td data-bbox="1145 1196 1310 1308">.5 of total side mount cost</td></tr> <tr> <td data-bbox="703 1274 815 1310">Amount:</td><td data-bbox="1145 1274 1262 1310">\$3,500.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="703 1408 1011 1444">Component Description:</td><td data-bbox="1145 1408 1230 1444">Mounts</td></tr> <tr> <td data-bbox="703 1456 815 1491">Amount:</td><td data-bbox="1145 1456 1262 1491">\$7,000.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="703 1592 1011 1628">Component Description:</td><td data-bbox="1145 1592 1310 1704">.2 of total side mount cost</td></tr> <tr> <td data-bbox="703 1671 815 1706">Amount:</td><td data-bbox="1145 1671 1262 1706">\$1,400.00</td></tr> </table>	Component Description:	.3 of total side mount cost	Amount:	\$2,100.00			Component Description:	.5 of total side mount cost	Amount:	\$3,500.00			Component Description:	Mounts	Amount:	\$7,000.00			Component Description:	.2 of total side mount cost	Amount:	\$1,400.00
Component Description:	.3 of total side mount cost																						
Amount:	\$2,100.00																						
Component Description:	.5 of total side mount cost																						
Amount:	\$3,500.00																						
Component Description:	Mounts																						
Amount:	\$7,000.00																						
Component Description:	.2 of total side mount cost																						
Amount:	\$1,400.00																						
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.																						
UHF - Lower Power Side Mount, One station																							

antenna - medium power
(50-200 kW), horizontally
polarized

Component Description:	.3 of total cost of H-Pol Cavity Slot Side Mount Interim Antenna
Amount:	\$20,400.00

Component Description:	.2 of total cost of H-Pol Cavity Slot Side Mount Interim Antenna
Amount:	\$13,600.00

Component Description:	Remaining balance of total Alive Telecom installation costs
Amount:	\$51,938.00

Component Description:	Tower Work Installation of interim 500 lbs. 20' long antenna, input complex and 800' of 3" flex transmission line - this amount is split between the Interim Antenna line item and the interim transmission line-item.
Amount:	\$19,450.00

Component Description:	.7 of total cost of Interim Antenna installation. The remaining portion of the cost was reimbursed in Alive Invoice 1882.
Amount:	\$63,586.60

	Component Description:	.5 of total cost of H-Pol Cavity Slot Side Mount Interim Antenna
	Amount:	\$34,000.00
	Component Description:	H-POL Cavity Slot Antenna Side Mount Cardioid 16 EL Gain 1.00 Beam Tilt 3-1/8" EIA Input ATC-BCSH16CCI-U2
	Amount:	\$68,000.00
Sweep test of existing antenna	Component Description:	Sweep test cost component
	Amount:	\$3,000.00
	Component Description:	The total cost of the system sweep for both the interim antenna and primary antenna was \$6000.00. Therefore we have split this cost between the system sweep line item for each antenna.
	Amount:	\$3,000.00

Sweep test of existing antenna	<p>Component Description:</p> <p>The total cost of the system sweep for both the interim antenna and primary antenna was \$6000.00. Therefore we have split this cost between the system sweep line item for each antenna.</p> <p>Amount:</p> <p>\$3,000.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<p>Component Description:</p> <p>H-POL Coaxial Slot Antenna Top Mount Cardioid 26 EL Gain 1.00 Beam Tilt 6-1/8" EIA Input ATC-BCE426CM-VI-24 Mast and Welding Cake for COR Compliance</p> <p>Amount:</p> <p>\$248,000.00</p>
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	<p>Component Description:</p> <p>Elbow Complex 6-1/8" EIA 75 Ohm</p> <p>Amount:</p> <p>\$11,500.00</p>
Dehydrator System	<p>Component Description:</p> <p>Dehydrator System</p> <p>Amount:</p> <p>\$8,600.00</p>

Antenna Removal	<p>Component Description:</p> <p>Cost for antenna installation is split evenly between total installation cost for antenna and transmission line.</p> <p>Amount:</p> <p>\$85,400.00</p>
Antenna Installation	<p>Component Description:</p> <p>Cost for antenna removal is split evenly between total removal cost for antenna and transmission line.</p> <p>Amount:</p> <p>\$67,500.00</p>
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	<p>Component Description:</p> <p>Tower Top Elbow Complex</p> <p>Amount:</p> <p>\$12,900.00</p>
Sweep test of existing antenna	<p>Component Description:</p> <p>Field Service /Commissioning split evenly between antenna and transmission line testing</p> <p>Amount:</p> <p>\$17,200.00</p>
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	<p>Component Description:</p> <p>Jampro JSH-26/24 SEC-R Side Mount Antenna</p> <p>Amount:</p> <p>\$186,200.00</p>

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	\$0.00	\$50,685.00		\$50,685.00	
Flexible Air Transmission Line - dielectric, 3"	\$0.00	\$50,685.00	Quote from vendor was higher than estimated cost catalog price of 800 ft. at \$56/ft.	\$50,685.00	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Existing Line Removal	<i>\$0.00</i>	\$0.00	Costs included in Tall Tower, cost amount relocated	\$0.00	Cost amount included in Tall Tower
Rigid Transmission Line - copper, 7 3/16"	\$0.00	\$0.00	N/A	\$0.00	N/A
Sweep Test	<i>\$0.00</i>	\$0.00	N/A	\$0.00	N/A
Primary Transmission Line	\$788,670.00	\$735,822.00		\$735,822.00	
Old Line Removal	<i>\$67,500.00</i>	\$67,500.00	Cost equally allocated from total cost for installation of antenna and transmission line.	\$67,500.00	N/A

Transmission Line Installation	\$85,400.00	\$85,400.00	Cost equally allocated from total cost for installation of antenna and transmission line.	\$85,400.00	N/A
Sweep Test	\$17,200.00	\$17,200.00	Field Service /Commissioning split evenly between antenna and transmission line testing	\$17,200.00	N/A
Rigid Transmission Line - copper, 7 3/16"	\$618,570.00	\$565,722.00	N/A	\$565,722.00	N/A
Sub-total	\$788,670.00	\$786,507.00	N/A	\$786,507.00	N/A
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	<p>Component Description: .3 of total 3" 50 Ohm Flex Line System cost</p> <p>Amount: \$9,370.50</p> <p>Component Description: .5 of total 3" 50 Ohm Flex Line System cost</p> <p>Amount: \$15,617.50</p>

Component Description:	.2 of total 3" 50 Ohm Flex Line System cost
Amount:	\$6,247.00

Component Description:	.3 of total 3" 50 Ohm Flex Line System cost
Amount:	\$9,370.50

Component Description:	Tower Work Installation of interim 500 lbs. 20' long antenna, input complex and 800' of 3" flex transmission line - this amount is split between the Interim Antenna line item and the interim transmission line- item.
Amount:	\$19,450.00

Component Description:	.2 of total 3" 50 Ohm Flex Line System cost
Amount:	\$6,247.00

Component Description:	3" 50 Ohm Flex Line System 800' Support Braces, Grounds, Hangers and Connectors
Amount:	\$31,235.00

Component Description:	.5 of total 3" 50 Ohm Flex Line System cost
Amount:	\$15,617.50

Existing Line Removal	<p>Component Description:</p> <p>Tower Work Removal of Old Antenna Installation of new mast, antenna and line sections as required (portion)</p> <p>Amount:</p> <p>\$254,000.00</p>
Rigid Transmission Line - copper, 7 3/16"	<p>Component Description:</p> <p>7" 75 Ohm Rigid Line System 1900'V 200'H Support Braces and Hangers</p> <p>Amount:</p> <p>\$531,105.00</p>
Sweep Test	Information not provided.
Old Line Removal	<p>Component Description:</p> <p>Equal split removal cost for transmission line.</p> <p>Amount:</p> <p>\$67,500.00</p>
Transmission Line Installation	<p>Component Description:</p> <p>Equal split installation cost for transmission line</p> <p>Amount:</p> <p>\$85,400.00</p>
Sweep Test	<p>Component Description:</p> <p>Field Service /Commissioning split evenly between antenna and transmission line testing</p> <p>Amount:</p> <p>\$17,200.00</p>

Rigid Transmission Line - copper, 7 3/16"	<table><tr><td data-bbox="689 94 1098 309">Component Description: Amount:</td><td data-bbox="1098 94 1431 309">Transmission Line \$565,722.00</td></tr></table>	Component Description: Amount:	Transmission Line \$565,722.00
Component Description: Amount:	Transmission Line \$565,722.00		

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	\$1,357,550.00	\$1,315,675.00		\$80,450.00	
Tall Tower (greater than 500')	\$210,500.00	\$210,500.00	N/A	N/A	N/A
Tower and Rigging Costs	<i>\$80,450.00</i>	\$80,450.00	N/A	\$80,450.00	N/A
FAA Consultant	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	N/A	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$22,725.00	See EXH 1	\$0.00	N/A
Tower Helicopter Lift	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Sub-total	\$1,357,550.00	\$1,315,675.00	N/A	\$80,450.00	N/A
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/A

Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	Information not provided.

Tower and Rigging Costs	<div> Component Description: Tower rigging and extreme weather delays </div> <div> Amount: \$80,450.00 </div>
FAA Consultant	Information not provided.
Serious tower reinforcement /modifications	<div> Component Description: Cost of tower rigging and severe weather delays in North Dakota </div> <div> Amount: \$78,200.00 </div>
Structural engineering tower load study for well documented tower	<div> Component Description: Tower Mapping and Structural Study </div> <div> Amount: \$22,725.00 </div>
Tower Helicopter Lift	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
Outside Professional Services	\$349,736.98	\$443,427.48		\$274,076.47	
Zoning Permits	<i>\$0.00</i>	\$0.00	Subject to quote	N/A	N/A
Transmitter System Service	<i>\$9,101.01</i>	\$9,101.01	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100, Schedule 387	<i>\$7,673.00</i>	\$7,673.00	N/A	\$7,673.00	Addition of reimbursable costs in
Additional Field Engineering Service, 5 Days	<i>\$152,262.97</i>	\$152,262.97	As per field engineering service invoice estimate	\$152,262.97	Update invoice project management and engineering services
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$0.00	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	N/A	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$20,373.00	The increased cost has a direct correlation to the complexity of the project (e. g., very tall tower, need for interim facilities, etc.)	\$20,373.00	The inci cost h dire correlat the com of the pr g., ver tower, n inter facilitie:
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$9,840.50	The increased cost has a direct correlation to the complexity of the project (e. g., very tall tower, need for interim facilities, etc.)	\$9,840.50	The inci cost h dire correlat the com of the pr g., ver tower, n inter facilitie:
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	The incr cost h dire correlat the com of the pr g., ver tower, n inter facilitie:
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	N/
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/
Prepare and or review reimbursement form	\$2,630.00	\$83,927.00	Reimbursement process	\$83,927.00	Comprel legal se regar reimburs forms; increase has a c correlat the com of the pr g., ver tower, n inter facilitie:

Project management of the transition	\$23,700.00	\$22,500.00	N/A	N/A	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/
Sub-total	\$349,736.98	\$443,427.48	N/A	\$274,076.47	N/
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/

Components

Actual Information	
Description	File Name
Zoning Permits	Information not provided.
Transmitter System Service	<p>Component Description: Emergency on-site visit to perform on-site troubleshooting and channel change for ULXTE series transmitter system.</p> <p>Amount: \$9,101.01</p>
Attorney Fees - Prepare and File FCC Form 2100, Schedule 387	<p>Component Description: Attorney review and preparation of Form 2100 Schedule 387</p> <p>Amount: \$1,072.50</p> <p>Component Description: Attorney review and preparation of Form 2100 Schedule 387</p> <p>Amount: \$503.00</p>

	Component Description:	Attorney review and preparation of Form 2100 Schedule 387
	Amount:	\$650.00
	Component Description:	Attorney review and preparation of Form 2100 Schedule 387
	Amount:	\$297.50
	Component Description:	Attorney review and preparation of Form 2100 Schedule 387
	Amount:	\$2,486.50
	Component Description:	Attorney review and preparation of Form 2100 Schedule 387
	Amount:	\$310.00
	Component Description:	Attorney preparation costs
	Amount:	\$2,105.50
	Component Description:	Attorney review and preparation of Form 2100 Schedule 387
	Amount:	\$248.00
Additional Field Engineering Service, 5 Days	Component Description:	Field Engineering Services
	Amount:	\$69,000.00

Component Description:	Project Management and Engineering Services
Amount:	\$412.50

Component Description:	Project Management and Engineering Services
Amount:	\$21,000.00

Component Description:	Invoice for Engineering Services and project Management Labor
Amount:	\$65,000.00

Component Description:	Project Management and Engineering Services
Amount:	\$2,737.50

Component Description:	Project Management and Engineering Services
Amount:	\$36,000.00

Component Description:	Project Management and Engineering Services
Amount:	\$2,737.50

	Component Description:		Project Management and Engineering Services
	Amount:		\$3,075.00
	Component Description:		Field Engineering Services
	Amount:		\$6,000.00
	Component Description:		Project Management and Engineering Services
	Amount:		\$3,075.00
	Component Description:		Project Management and Engineering Services
	Amount:		\$14,037.97
RF Exposure Measurements	Information not provided.		
Comprehensive coverage verification via field study, if needed	Component Description:		Antenna Verification and Ground-Based Spot Measurements
	Amount:		\$80,000.00
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.		

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: Amount:	Attorney preparation and review of STA and tolling waiver request \$4,476.00 Component Description: Amount:
	Component Description: Amount:	Attorney review and preparation of STA phase change \$2,604.00 Component Description: Amount:
	Component Description: Amount:	Attorney preparation and review of STA and tolling waiver request \$5,474.00 Component Description: Amount:
	Component Description: Amount:	Attorney review and preparation of phase change STA application \$186.00 Component Description: Amount:
	Component Description: Amount:	Attorney review and preparation of STA phase deadline and phase change request \$682.00

	Component Description:	Attorney review and preparation of STA applications
	Amount:	\$2,923.00
	Component Description:	Attorney review and preparation of STA phase change applications
	Amount:	\$4,028.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	(1) Review of FCC Permit for Valley City, ND; send same to client; (2) 1/2 of Telephone call with R. Kapur regarding Form 1876, CP modification application
	Amount:	\$217.00
	Component Description:	Line items related to Attorney review of repack PNs
	Amount:	\$310.00
	Component Description:	Attorney review and preparation of construction permit applications and extensions
	Amount:	\$1,922.00

	<p>Component Description:</p> <p>Attorney review and preparation of construction permit application and extension</p> <p>Amount:</p> <p>\$626.00</p>
	<p>Component Description:</p> <p>Attorney preparation and review of Form 2100 CP</p> <p>Amount:</p> <p>\$4,743.00</p>
	<p>Component Description:</p> <p>Attorney review and preparation of construction permit applications and extension requests</p> <p>Amount:</p> <p>\$2,022.50</p>
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p>Component Description:</p> <p>Prepare engineering section of Form 2100 (CP)</p> <p>Amount:</p> <p>\$3,300.00</p>

<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="703 174 1013 210">Component Description:</td><td data-bbox="1147 174 1340 405">Engineering services for new channel assignment and antenna development</td></tr> <tr> <td data-bbox="703 416 815 452">Amount:</td><td data-bbox="1147 416 1244 452">\$150.00</td></tr> <tr> <td data-bbox="703 555 1013 591">Component Description:</td><td data-bbox="1147 555 1340 786">Engineering services for new channel assignment and antenna development</td></tr> <tr> <td data-bbox="703 797 815 833">Amount:</td><td data-bbox="1147 797 1244 833">\$675.00</td></tr> </table>	Component Description:	Engineering services for new channel assignment and antenna development	Amount:	\$150.00	Component Description:	Engineering services for new channel assignment and antenna development	Amount:	\$675.00				
Component Description:	Engineering services for new channel assignment and antenna development												
Amount:	\$150.00												
Component Description:	Engineering services for new channel assignment and antenna development												
Amount:	\$675.00												
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>												
<p>Prepare and or review reimbursement form</p>	<table> <tr> <td data-bbox="703 1122 1013 1158">Component Description:</td><td data-bbox="1147 1122 1362 1267">Attorney review and preparation of reimbursement forms</td></tr> <tr> <td data-bbox="703 1279 815 1314">Amount:</td><td data-bbox="1147 1279 1267 1314">\$2,366.50</td></tr> <tr> <td data-bbox="703 1417 1013 1453">Component Description:</td><td data-bbox="1147 1417 1362 1563">Attorney review and preparation of reimbursement forms</td></tr> <tr> <td data-bbox="703 1574 815 1610">Amount:</td><td data-bbox="1147 1574 1244 1610">\$987.50</td></tr> <tr> <td data-bbox="703 1713 1013 1749">Component Description:</td><td data-bbox="1147 1713 1362 1859">Attorney review and preparation of reimbursement forms</td></tr> <tr> <td data-bbox="703 1870 815 1906">Amount:</td><td data-bbox="1147 1870 1267 1906">\$1,702.50</td></tr> </table>	Component Description:	Attorney review and preparation of reimbursement forms	Amount:	\$2,366.50	Component Description:	Attorney review and preparation of reimbursement forms	Amount:	\$987.50	Component Description:	Attorney review and preparation of reimbursement forms	Amount:	\$1,702.50
Component Description:	Attorney review and preparation of reimbursement forms												
Amount:	\$2,366.50												
Component Description:	Attorney review and preparation of reimbursement forms												
Amount:	\$987.50												
Component Description:	Attorney review and preparation of reimbursement forms												
Amount:	\$1,702.50												

Component Description:	Attorney review and assistance of reimbursement-related issues in FCC database
Amount:	\$121.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,025.50

Component Description:	Attorney review and preparation of reimbursement funds
Amount:	\$8,233.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$3,283.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$3,472.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$3,832.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$4,874.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$6,101.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$283.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$2,794.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,450.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$7,806.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$4,202.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$467.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,013.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$483.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$3,246.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$127.50

Component Description:	Attorneys fees related to preparing and updating reimbursement forms regarding interim facilities
Amount:	\$1,240.00

Component Description:	Attorney preparation of reimbursement forms
Amount:	\$1,612.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$5,611.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$5,140.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,332.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$511.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$510.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,430.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$5,344.50

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$248.00

Component Description:	Line Items related to Attorney preparation and review of reimbursement forms
Amount:	\$2,170.00

Component Description:	Attorney review and preparation of reimbursement forms
Amount:	\$1,612.00

	Component Description:	Attorney review and preparation of reimbursement forms
	Amount:	\$904.00
	Component Description:	Attorney preparation of reimbursement forms
	Amount:	\$121.00
Project management of the transition	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover 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	\$129,287.47	\$121,912.47		\$88,897.47	
Motor Freight to Site	<i>\$23,405.00</i>	\$23,405.00	N/A	\$23,405.00	N/A
RF Consulting Engineer	<i>\$0.00</i>	\$0.00	To be supplied	N/A	N/A
Field Engineer	<i>\$9,850.00</i>	\$9,850.00	N/A	\$9,850.00	Additional invoices received
MVPD Notification of Channel Change	<i>\$3,470.00</i>	\$3,470.00	As per vendor invoices.	\$3,470.00	Additional invoices received.
Develop and air announcement of upcoming channel change	<i>\$25,000.00</i>	\$25,000.00	Cost catalog / quote to be obtained, as necessary.	N/A	N/A
Equipment Storage	<i>\$7,500.00</i>	\$7,500.00	See EXH 1.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$47,982.47</i>	\$47,982.47	Shipping costs for both Interim and Permanent Antennas	\$47,982.47	

Disposal Costs (for equipment and other waste, net of any salvage value)	\$0.00	\$0.00	Subject to final quotes, and blend with \$343700 (above) Note: Subject to additional quotes for heat exchanger, concrete pad, etc.	\$0.00	N/A
Non-zoning permits	\$0.00	\$0.00	To be determined.	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	\$4,190.00	As per vendor invoices.	\$4,190.00	Additional invoices received.
Local Zoning	\$0.00	\$0.00	To be determined.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Sub-total	\$129,287.47	\$121,912.47	N/A	\$88,897.47	N/A
Total for all systems	\$5,172,159.45	\$4,762,438.64	N/A	\$2,903,234.51	N/A

Components

Actual Information
Description

File Name

Motor Freight to Site	<div> <div>Component Description:</div> <div>Motor freight to tower site</div> <div>Amount:</div> <div>\$23,405.00</div> </div>
RF Consulting Engineer	Information not provided.
Field Engineer	<div> <div>Component Description:</div> <div>Channel repack transition engineering services</div> <div>Amount:</div> <div>\$6,700.00</div> </div> <div> <div>Component Description:</div> <div>Channel repack transition engineering services</div> <div>Amount:</div> <div>\$3,150.00</div> </div> <div> <div>Component Description:</div> <div>Channel repack transition engineering services</div> <div>Amount:</div> <div>\$3,150.00</div> </div>

MVPD Notification of Channel Change	<div> <div> Component Description: </div> <div> MVPD Notification of delayed channel sharing. Estimate EST-001417 corresponds to Invoice INV-001934. </div> </div> <div> Amount: </div> <div> \$1,735.00 </div> <div> Component Description: </div> <div> MVPD Notification Service for Channel Sharing Station - Notice of Commencement of Channel Sharing </div> <div> Amount: </div> <div> \$1,735.00 </div> <div> Component Description: </div> <div> MVPD Notification service for channel sharing. Estimate EST-001342 corresponds to Invoice INV-001892. </div> <div> Amount: </div> <div> \$1,735.00 </div>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	<div> <div> Component Description: </div> <div>Shipping costs for Interim Antenna, Accessories, and Cable</div> </div> <div> <div> Amount: </div> <div>\$6,982.47</div> </div>
	<div> <div> Component Description: </div> <div>Shipping</div> </div> <div> <div> Amount: </div> <div>\$19,000.00</div> </div>
	<div> <div> Component Description: </div> <div>Mobilization of antenna and transmission line</div> </div> <div> <div> Amount: </div> <div>\$41,000.00</div> </div>
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

DTV Medical Facility Notification	<div> <div> Component Description: Amount: </div> <div> DTV Notification Service. Estimate EST-001341 corresponds to Invoice INV-001893. \$2,095.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Notification of Medical Facilities - Transmitter Medical Facility Notification \$2,095.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> DTV Notification Service. Estimate EST-001418 corresponds to Invoice INV-001937. \$2,095.00 </div> </div>
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$5,172,159.45	\$4,762,438.64
			\$2,903,234.51

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.

<p>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.</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>Ravi Kapur <i>President</i> 05/06/2021</p>

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>Ravi Kapur <i>President</i></p> <p>05/06/2021</p>

Attachments