



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **69332** | Service: **DTV** | Call **WUNJ-TV** | Channel: **21 (UHF)**
ID: | Sign:
File **0000027170**
Number:
FRN: **0001910066** | Date **04/08**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
University of North Carolina	PO Box 14900 Research Triangle Park, NC 27709 United States	+1 (919) 549- 7000	fcc_notice@pbsnc. org	Government Entity

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
Donald Smith <i>Director New Technologies Compliance and Planning University of North Carolina Center for Public Television</i>	Donald Smith 10 UNC-TV Drive Research Triangle Park, NC 27709 United States	+1 (919) 549-7025	dsmith@pbsnc. org

**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	The transition plan is to construct an interim facility at the existing site. The interim facility would be used when operation on the new channel begins. After that the necessary changes would be made to the primary transmission system.

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Aux
	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	DHD30P1
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	7.25 kW

**Auxiliary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12.9 kW
	Justification for New Transmitter	The transmitter manufacturer has indicated that components necessary to modify the transmitter for operation on its new channel are no longer available. So the only option available is to replace the transmitter. See attachment.

**Auxiliary
Transmitter**

Other Transmitter Costs

Section	Question	Response
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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	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

Auxiliary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

**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	DCX-2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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-120
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	75.1 kW
	Justification for New Transmitter	The transmitter manufacturer has indicated that components necessary to modify the transmitter for operation on its new channel are no longer available. So the only option available is to replace the transmitter. See attachment.

**Primary
Transmitter**

Other Transmitter Costs

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

Primary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

Antennas

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

**Auxiliary
Antenna**

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Aux
	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?	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)	231.9 kW

Manufacturer	
Model	ALP12M2- HSOC-29
Year	2001

**Auxiliary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Interim Facility and Eventual Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	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)	614.0 kW

Manufacturer	
Model	SAA16-O3-G200-ES6R-21
Year	2019
Justification for New Antenna	The antenna can only operate on channel 29. The replacement antenna will be initially used as part of the interim facility during the transition. Following the transition it will become a permanent auxiliary antenna.

Auxiliary Antenna

Other Antenna Costs

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

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

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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)	1000.0 kW

Manufacturer	
Model	TFU- 30GTH-R O4
Year	2003

**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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
Manufacturer		

Model	SAA30-O4A-G200-ET5R-21
Year	2019
Justification for New Antenna	The antenna is a single channel slotted pylon style antenna. It cannot operate on a channel other than what it was designed, channel 29. The only viable option is to replace the antenna.

Primary Antenna

Other Antenna Costs

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

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

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

Primary Transmission Line
Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1090 feet per run

**Primary
Transmission
Line** **Other Transmission Line Expenses Not Listed**

Name	Description
No Expenses	A row added to solve a system issue requiring an expense line

**Auxiliary
Transmission
Line**

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Interim and Eventual Auxiliary
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	800 feet per run

**Auxiliary
Transmission
Line**

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Interim and Eventual Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	800 feet per run

<p>Justification for New Transmission Line</p>	<p>Constructing a viable interim facility with meaningful coverage area requires a system with increased power handling capability. This is best addressed by replacing the transmission line with higher power handling capability. See transition plan narrative</p>
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Auxiliary 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	Move Equipment
	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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1014589
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 19' 16.6" N-
	Longitude (NAD83)	078° 13' 42.0" W-
	Overall Structure Height	1020.00 feet
	Support Structure Height	961.93 feet
	Ground Elevation Above Mean Sea Level (AMSL)	28.87 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	UNIVERSITY OF NORTH CAROLINA
Date Constructed	03/09/2006

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
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	120
	Explanation	Because the transmission site is owned by the State of North Carolina, it is subject to various state construction project rules. One rule is the hiring of a designer to create submittals for project review and approval by the state.
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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes	
RF Field Engineering Services	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
Tower Structural Analysis	Required by State Building Code
Additional Legal Expenses	Legal expenses for non-catalog advice and review, including transition status reports and other miscellaneous legal needs.

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Network Switch	Cisco 52-port Gigabit Switch connects devices together on computer network by using packet switching to receive, process, and forward data to destination device
Antenna Main Other	Fine Matchers Elbows
Antenna Aux Other	Ice Protect & Labor
Electrical Construction	Construction and modifications to the electrical infrastructure of the existing building as required to support the new transmitters
General Construction	General construction and administrative costs necessary for the installation of transmitters in an existing building

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-120	\$2,878,256.87	\$1,735,085.92		\$1,735,085.92	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$855,829.05	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached narrative with purchase quotes.	\$855,829.05	N/A
UHF - Liquid Cooled Solid State Transmitter 75.1 kW	<i>\$879,256.87</i>	\$879,256.87	Balance from previous main transmitter expense line. Change made at the request of reimbursement reviewers See Gates quotes 75489, 79699, 87551 w /invoices JW30004419, US0326749, US0339413	\$879,256.87	Budget Revision
Auxiliary Transmitter ULXTE-20	\$520,050.00	\$471,958.60		\$297,936.45	

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	N/A	\$295,977.85	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$1,958.60	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$1,958.60	N/A
Sub-total	\$3,398,306.87	\$2,207,044.52	N/A	\$2,033,022.37	N/A
Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A

Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	<p>Component Description: 50% Main/Primary Transmitter & Installation (Installation included w/Form 399 Estimate).</p> <p>Amount: \$855,829.05</p> <p>Component Description: Main Transmitter See attachment pg 1 for payment details.</p> <p>Amount: \$748,845.33</p>

UHF - Liquid Cooled Solid
State Transmitter 75.1 kW

Component Description:

Final Main
Transmitter &
Install See attach
pg 1 for payment
details, See quote
87551 attach pg 3

Amount:

\$130,411.54

Component Description:

Main Transmitter
See attach pg 1
for payment
details.

Amount:

\$748,845.33

UHF - Liquid Cooled Solid
State Transmitter 8.2 - 13
kW

Component Description:

50% Aux
Transmitter &
Installation
(Installation
included w/Form
399 Estimate). 3
Phase
Transformer
(\$1,958.60) &
Transmitter
Removal Separate
Form 399 Line
Items.

Amount:

\$139,003.79

Component Description:

Aux Transmitter.
Per FCC Hotline
(Paige 7/8/2019)
credit for
transformer
applied to
transmitter due to
system error.
Invoice due date
correct to vendor
terms (net 60).
See attachment
pgs. 2-4 for
summary.

Amount:

\$96,079.48

Component Description:

Final Aux
Transmitter &
Install See attach
pg 1 for payment
details See attach
pg 3 for quote
87552

Amount:

\$60,894.58

Transformer 3 phase/480v -
150 KVA

Component Description:

50% Aux
Transmitter 3
Phase
Transformer. Aux
Transmitter,
Installation, &
Removal separate
Form 399 Line
Items.

Amount:

\$1,958.60

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna SAA30-O4A-G200-ET5R-21	\$308,530.00	\$219,297.01		\$177,274.04	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$7,680.00	See RFS Invoice 27011698 with attached quote item 000070	\$7,680.00	.
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$199,917.01	See attached narrative with purchase quotes. See RFS Invoice 27011737	\$169,594.04	Budget Revision

Auxiliary Antenna SAA16-O3- G200- ES6R-21	\$185,810.00	\$183,470.00		\$144,184.25	
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$5,814.35	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

UHF - High Power, Side Mount, basic slot antenna, 614 kW input, elliptically or circularly polarized	\$138,370.00	\$138,370.00	See attached narrative and purchase quote See RFS Invoice 27011631 with quote for fine matchers & field cut lengths.	\$138,369.90	Budget Adjustment
Sub-total	\$494,340.00	\$402,767.01	N/A	\$321,458.29	N/A
Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A

Components

Actual Information	
Description	File Name
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

Sweep test of existing antenna	<p>Component Description: Main Antenna Pre Sweep See quote item # 000070 on attachment page 5</p> <p>Amount: \$7,680.00</p>
	<p>Component Description: Main Antenna Pre Sweep See quote item # 000070 on attachment page 5 See invoice note - vendor typo on invoice date, should be 2020 not 2010. Compare with quote date 2/7 /2019.</p> <p>Amount: \$7,680.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<p>Component Description: Inv Line # 10 Main Antenna See attach pg 5 for payment details, See attach pg 8 for bid details</p> <p>Amount: \$69,635.53</p>
	<p>Component Description: 50% Primary Antenna (See Bid Page 55 Attachment A Pricing Form Item 40) included in Inv & PO Line 11. Invoice & Purchase Order are for 10 sites. See companion invoice 27011567.</p> <p>Amount: \$98,174.74</p>

Component Description: Primary Antenna Initial 50% of invoice previously processed. Input dollar amount instead of 50% of invoice to provide exact reimbursement amount.

Amount: \$1,783.76

Component Description: 50% Primary Antenna (See Bid Page 55 Attachment A Pricing Form Item 40) included in Inv & PO Line 11. Invoice & Purchase Order are for 10 sites.

Amount: \$98,174.74

Component Description: 50% Primary Antenna (See Bid Page 55 Attachment A Pricing Form Item 40) included in Inv & PO Line 11. Invoice & Purchase Order are for 10 sites. See companion invoice 27011328.

Amount: \$1,783.77

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)

Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<p>Component Description:</p>	<p>Aux Elbow Complex See attach pg 3 quote item 000050 Other invoice items on separate Form 399 category (Aux Antenna)</p> <p>Amount: \$5,814.35</p>
Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 614 kW input, elliptically or circularly polarized	<p>Component Description:</p> <p>Amount:</p>	<p>50% Aux Antenna Initial 50% paid on invoice 27011328</p> <p>\$62,134.50</p>
	<p>Component Description:</p> <p>Amount:</p>	<p>Aux Fine Matchers & Field Cut Lengths See attach pg 3 quote items 000040 & 000060 Elbows on separate Form 399 category</p> <p>\$14,100.90</p>

Component Description: 50% Auxilliary
Antenna (See Bid
Page 55
Attachment A
Pricing Form Item
35) included in Inv
& PO Line 11.
Invoice & Purchase
Order are for 10
sites. 50% Portion
paid by WUNJ is
displayed on Inv &
PO Line 12.

Amount: \$62,134.50

Component Description: 50% Auxilliary
Antenna (See Bid
Page 55
Attachment A
Pricing Form Item
35) included in Inv
& PO Line 11.
Invoice & Purchase
Order are for 10
sites. 50% Portion
paid by WUNJ is
displayed on Inv &
PO Line 12.

Amount: \$62,134.50

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	\$0.00	\$0.00		\$0.00	
No Expenses	<i>\$0.00</i>	\$0.00	The result of a field that needed to be added to solve an error message.	N/A	N/A
Auxiliary Transmission Line	\$161,600.00	\$122,608.70		\$122,608.70	
Rigid Transmission Line - copper, 6 1/8"	\$161,600.00	\$122,608.70	See attached purchase quote	\$122,608.70	N/A
Sub-total	\$161,600.00	\$122,608.70	N/A	\$122,608.70	N/A
Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A

Components

Actual Information	
Description	File Name
No Expenses	Information not provided.

Rigid Transmission Line -
copper, 6 1/8"

Component Description: 50% Trans Line
Initial 50% paid on
invoice 27011328
Corrected amount
on vendor invoice.
Amount: \$61,304.35

Component Description: 50% Auxilliary
Transmission Line
(See Bid Page 55
Attachment A
Pricing Form Item
36) included in Inv
& PO Line 11.
Invoice &
Purchase Order
are for 10 sites.
Amount: \$61,304.35

Component Description: 50% Auxilliary
Transmission Line
(See Bid Page 55
Attachment A
Pricing Form Item
36) included in Inv
& PO Line 11.
Invoice &
Purchase Order
are for 10 sites.
Amount: \$61,304.35

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	\$210,500.00	\$286,720.50		\$286,720.50	
Tall Tower (greater than 500')	\$210,500.00	\$286,720.50	See attached purchase quote	\$286,720.50	N/A
Sub-total	\$210,500.00	\$286,720.50	N/A	\$286,720.50	N/A
Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	<p>Component Description: 50% Primary/Tall Tower Installation (See Bid Page 55 Attachment A Pricing Form Item 37) for Auxilliary Antenna included in Inv & PO Line 13. Invoice & Purchase Order are for 10 sites.</p> <p>Amount: \$65,127.82</p>

Component Description: Final 50% Primary /Tall Tower Install
Initial payment on invoice 27011328
Amount: \$78,232.43

Component Description: 50% Primary/Tall Tower Installation (See Bid Page 55 Attachment A Pricing Form Item 41) for Primary Antenna included in Inv & PO Line 13. Invoice & Purchase Order are for 10 sites.
Amount: \$78,232.43

Component Description: 50% Aux Install
Initial 50% paid invoice 27011328
Amount: \$65,127.82

Component Description: 50% Primary/Tall Tower Installation (See Bid Page 55 Attachment A Pricing Form Item 37) for Auxilliary Antenna included in Inv & PO Line 13. Invoice & Purchase Order are for 10 sites.
Amount: \$65,127.82

Component Description:

50% Primary/Tall
Tower Installation
(See Bid Page 55
Attachment A
Pricing Form Item
41) for Primary
Antenna included
in Inv & PO Line
13. Invoice &
Purchase Order
are for 10 sites.

Amount:

\$78,232.43

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	\$93,275.00	\$188,439.64		\$136,286.02	
Additional Legal Expenses	<i>\$24,500.00</i>	\$24,500.00	Estimate for legal expenses for non-catalog advice and review including transition status reports and other miscellaneous legal needs.	\$5,231.12	N/A
Tower Structural Analysis	<i>\$7,000.00</i>	\$7,000.00	N/A	\$5,000.00	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
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	\$525.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,687.50	N/A
Project management of the transition	\$18,960.00	\$121,689.64	See attachment "WUNJ Program Designer - Manager Narrative" for details on estimated cost. Amendment #3 requires additional \$4,463.64 documented with Invoice 157570.	\$121,689.64	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,000.00	N/A	\$750.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$1,300.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$102.76	N/A
Sub-total	\$93,275.00	\$188,439.64	N/A	\$136,286.02	N/A
Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A

Components

Actual Information	
Description	File Name
Additional Legal Expenses	

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across 10 of 11
Call Signs/Facility
IDs, 3378.88/10
equal 337.89 as
outlined on page 1
of invoice.

Amount: \$337.89

Component Description: Outside
Professional
Services Additional
Legal Expenses

Amount: \$35.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
765.00/11 equal
69.55 as outlined
on page 1 of
invoice.

Amount: \$69.55

Component Description: Outside
Professional
Services Additional
Legal Expenses

Amount: \$202.20

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$279.10

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$70.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
959.50/11 equal
87.23 as outlined
on page 1 of
invoice.
Amount: \$87.23

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$35.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Invoice applies to
all 11 repack
stations, amount
requested reflects
portion payable per
Station: \$70.00/11
as indicated on
page 1 of Invoice

Amount: \$6.36

Component Description: Outside
Professional
Services Additional
Legal Expenses

Amount: \$70.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
402.00/11 equal
36.55 as outlined
on page 1 of
invoice.

Amount: \$36.55

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
323.00/11 equal
29.36 as outlined
on page 1 of
invoice.
Amount: \$29.36

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
67.40/11 equal
6.13 as outlined on
page 1 of invoice.
Amount: \$6.13

Component Description: Outside
Professional
Services Additional
Legal Expenses
Invoice applies to
all 11 repack
stations, amount
requested reflects
portion payable per
Station: \$245.00/11
as indicated on
page 1 of Invoice
Amount: \$22.27

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$105.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$146.00

Component Description: Outside
Professional Svcs
Additional Legal
Expenses
Amount: \$109.50

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$657.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
3472.00/11 equal
315.64 as outlined
on page 1 of
invoice.
Amount: \$315.64

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
368.00/11 equal
33.45 as outlined
on page 1 of
invoice.
Amount: \$33.45

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$35.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
175.00/11 equal
15.91 as outlined
on page 1 of
invoice.
Amount: \$15.91

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
315.00/11 equal
28.64 as outlined
on page 1 of
invoice.
Amount: \$28.64

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$33.70

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
572.90/11 equal
52.08 as outlined
on page 1 of
invoice.
Amount: \$52.08

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
1617.10/11 equal
147.01 as outlined
on page 1 of
invoice.
Amount: \$147.01

Component Description: Outside
Professional
Service Additional
Legal Expenses
Amount: \$1,011.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$67.40

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$401.50

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
168.50/11 equal
15.32 as outlined
on page 1 of
invoice.
Amount: \$15.32

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$36.50

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
350.00/11 equal
31.82 as outlined
on page 1 of
invoice.
Amount: \$31.82

Component Description: Outside Prof. Svcs
Additional Legal
Expenses
Amount: \$36.50

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$67.40

Component Description: Outside
Professional
Services Additional
Legal Expenses
Amount: \$175.00

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
2594.40/11 equal
235.85 as outlined
on page 1 of
invoice.
Amount: \$235.85

Component Description: Outside
Professional
Services Additional
Legal Expenses
Legal services
benefit entire FCC
Repack project
across all 11 Call
Signs/Facility IDs,
2059.90/11 equal
187.26 as outlined
on page 1 of
invoice.
Amount: \$187.26

Tower Structural Analysis	<p>Component Description: Outside Professional Services Tower Structural Analysis See attachment page 7 for schedule of services.</p> <p>Amount: \$2,500.00</p> <p>Component Description: Outside Professional Services Structural Analysis See attachment pg. 7 for schedule of services.</p> <p>Amount: \$2,500.00</p>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Component Description:	Outside Prof Svcs Consult Engineer CP Aux
	Amount:	\$525.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Outside Professional Services Engineering Section FCC Form 2100 Construction Permit Application Main/Primary
	Amount:	\$1,687.50
Project management of the transition	Component Description:	Outside Professional Services Project Management of Transition See attachment pg 3-5 for Contract/Invoice Summary. PO /Contract for all eleven transmitter sites.
	Amount:	\$5,253.53

Component Description: Outside Professional Services Project Management of Transition See attachment pg 3-5 for Contract/Invoice Summary.

Amount: \$12,235.60

Component Description: Outside Professional Services Project Management of Transition See attachment pg 3-5 for Contract/Invoice Summary.

Amount: \$5,253.53

Component Description: Outside Professional Services Project Management of Transition See attachment pg 3-5 for Contract/Invoice Summary.

Amount: \$52,462.80

Component Description: Outside Prof Svcs
Proj Mgmt of
Transition See
attach pg. 2-5 for
Contract/Invoice
Summary.
Amendment #3 on
pg. 6. 12,800
divided by 11 equal
1,164.64 for 7 sites,
1,164.63 for 4 sites.
PO/Contract for all
eleven transmitter
sites.

Amount: \$2,285.64

Component Description: Outside Prof Svcs
Project Mgmt
Attach pg 1-2
Invoice Attach pg 3-
19 Contracts Attach
pg 10-30 Project
Summary

Amount: \$3,495.00

Component Description: Outside Proj Svcs
Proj Mgmt of
Transition PO for
eleven multiple
sites See attach pg
5-8 for Contract
/Invoice summary

Amount: \$1,537.35

Component Description: Outside
Professional Svcs
Proj Mgmt of
Transition PO for
eleven multiple
sites See attach pg
2-7 for Contract
/Invoice summary

Amount: \$1,089.00

Component Description: Outside Professional Services Project Management of Transition See attachment pg 3-6 for Contract/Invoice Summary. PO /Contract for all eleven transmitter sites.

Amount: \$10,507.06

Component Description: Outside Professional Services Project Management of Transition See attachment pg. 3-6 for Contract/Invoice Summary. PO /Contract for all eleven transmitter sites.

Amount: \$2,411.10

Component Description: Outside Professional Services Project Management of Transition See attachment pg 3-5 for Contract/Invoice Summary.

Amount: \$4,398.74

Component Description: Outside Professional Services Project Management

Amount: \$9,022.50

Component Description: Outside Professional Services Project Management See attachment pg. 3 & 4 for Project Summary
Amount: \$9,022.50

Component Description: Outside Professional Svcs Proj Mgmt of Transition PO for eleven multiple sites See attach pg 2-7 for Contract /Invoice summary
Amount: \$1,089.00

Component Description: Outside Professional Services Project Management See attachment pg. 3 & 4 for Project Summary
Amount: \$6,703.50

Component Description: Outside Professional Services Project Management of Transition See attachment pg. 3-6 for Contract/Invoice Summary. PO /Contract for all eleven transmitter sites.
Amount: \$3,945.29

Address transition timing and coordination issues w/ other stations and wireless

Information not provided.

<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Component Description: Outside Professional Services Engineering Study New Channel Assignment Antenna Development</p> <p>Amount: \$750.00</p>
<p>ASR modification (prepare FCC Form 854)</p>	<p>Component Description: Outside Prof Svcs ASR Mod</p> <p>Amount: \$1,300.00</p>
<p>Prepare and or review reimbursement form</p>	<p>Component Description: Outside Professional Services Prepare Reimbursement Wages & Employer Portion Social Security for Temp Employee. Tasks applicable to all 11 repack sites, amount requested reflects portion payable per site.</p> <p>Amount: \$102.76</p>

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	\$419,137.00	\$413,587.00		\$397,440.45	
General Construction	<i>\$76,501.00</i>	\$76,501.00	See the attached document WUNJ GC Budget for additional information See PO Summary (attach pg 106) with Riley Invoice 75-08	\$76,500.93	N/A
Electrical Construction	<i>\$169,900.00</i>	\$169,900.00	See attached document WUNJ GC Budge for additional information See PO Summary (attach Page 106) w/Riley Invoice 75-08	\$169,853.02	Budget Revision
Antenna Aux Other	<i>\$8,849.00</i>	\$8,849.00	See RFS Invoice 27011739 w/quote 82836 items 000010 & 000020	\$8,848.65	N/A

Antenna Main Other	<i>\$70,189.00</i>	\$70,189.00	See RFS Invoice 27011737 Fine Matchers Elbows with quote attach pg 4 See RFS Inv 27011748 Plumb & Tension	\$70,188.04	N/A
Network Switch	<i>\$1,048.00</i>	\$1,048.00	See attachment - WUNJ Network Switch Justification	\$1,047.97	N/A
MVPD Notification of Channel Change	<i>\$5,500.00</i>	\$5,500.00	Preliminary estimate of service.	\$463.64	N/A
Develop and air announcement of upcoming channel change	<i>\$2,000.00</i>	\$2,000.00	Preliminary estimate	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$6,000.00	Preliminary estimate of service	\$2,950.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$67,600.00</i>	\$67,600.00	Quotes for disposal of the main and auxiliary transmitters	\$67,588.20	Budget Revision
Equipment Delivery and Handling Charges	<i>\$6,000.00</i>	\$6,000.00	Preliminary estimate	N/A	N/A
Sub-total	\$419,137.00	\$413,587.00	N/A	\$397,440.45	N/A

Total for all systems	\$4,777,158.87	\$3,621,167.37	N/A	\$3,297,536.33	N/A
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Components

Actual Information	
Description	File Name
General Construction	<p>Component Description: General Contract See attach pg 1 for payment details by FACId/Call. See attach last page for Purchase Order Summary for multiple sites.</p> <p>Amount: \$36,223.96</p> <p>Component Description: General Contract See attach pg 1 for payment details. Invoice attach pg 2-14 PO Summary attach pg 15, Recon pg 16.</p> <p>Amount: \$2,544.68</p> <p>Component Description: General Contract See attach pg 1 for payment details Invoice attach pg 2-18 Change orders attach pg 19-105 PO Summary attach pg 106</p> <p>Amount: \$8,559.37</p>

Component Description: General Contract
See attach pg 1 for
payment details.
Invoice attach pg 2-
10 Change orders
attach pg 11-33
PO Summary
attach pg 34

Amount: \$954.63

Component Description: Other Expenses
General Contract
See attachment pg
1 for payment
details by contract
/site including
payment
responsibility. PO
for 6 sites.

Amount: \$9,051.31

Component Description: General Contract
See attach pg 1 for
payment details.
Invoice attach pg 2-
10 Change orders
attach pg 11-28
PO Summary
attach pg 29

Amount: \$173.28

Component Description: General Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.

Amount: \$8,876.88

Component Description: General Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.
Amount: \$1,065.51

Component Description: General Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.
Amount: \$9,051.31

Electrical Construction

Component Description: Electrical Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.
Amount: \$10,680.27

Component Description: Electrical Contract
See attach pg 1 for
payment details.
Invoice attach pg 2-
10 Change orders
attach pg 11-33
PO Summary
attach pg 34
Amount: \$1,925.98

Component Description: Electrical Contract
See attach pg 1 for
payment details.
Invoice attach pg 2-
14 PO Summary
attach pg 15,
Recon pg 16.

Amount: \$4,843.18

Component Description: Electrical Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.

Amount: \$74,080.15

Component Description: Electrical Contract
See attach pg 1 for
payment details.
Invoice attach pg 2-
10 Change orders
attach pg 11-28
PO Summary
attach pg 29

Amount: \$352.24

Component Description: Electrical Contract
See attach pg 1 for
payment details by
FACId/Call. See
attach last page
for Purchase
Order Summary
for multiple sites.

Amount: \$34,217.16

Component Description: Other Expenses
 Electrical Contract
 See attachment pg
 1 for payment
 details by contract
 /site including
 payment
 responsibility. PO
 for 6 sites.

Amount: \$14,934.00

Component Description: Electrical Contract
 See attach pg 1 for
 payment details by
 FACId/Call. See
 attach last page
 for Purchase
 Order Summary
 for multiple sites.

Amount: \$7,401.37

Component Description: Electrical Contract
 See attach pg 1 for
 payment details
 Invoice attach pg 2-
 18 Change orders
 attach pg 19-105
 PO Summary
 attach pg 106

Amount: \$21,418.67

Antenna Aux Other

Component Description: Aux Ice Protect
 and Labor Attach
 pg 1 Invoice
 Attach pg 2-5
 quote 82836 items
 000010 and
 000020

Amount: \$8,848.65

Antenna Main Other	<p>Component Description: Fine Matchers Elbows invoice line nos. 50 and 60. Quote on attach pg 3.</p> <p>Amount: \$4,908.04</p> <p>Component Description: Main Plumb Tension with quote item 000050 on attach pg 4</p> <p>Amount: \$65,280.00</p>
Network Switch	<p>Component Description: Other Expenses Network Switch 11 Switches for total of 11,527.67 equals 1,047.97 per transmitter site.</p> <p>Amount: \$1,047.97</p>
MVPD Notification of Channel Change	<p>Component Description: MVPD Notify See attach pg. 12-13 \$5,100 for 11 sites equal 463.64 each</p> <p>Amount: \$463.64</p>
Develop and air announcement of upcoming channel change	Information not provided.
DTV Medical Facility Notification	<p>Component Description: Other Expenses DTV Med Notify</p> <p>Amount: \$2,950.00</p>

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Final Aux Transmitter Disposal See attach pg 1 for payment details. Amount: \$13,782.60
	Component Description: Final Main Transmitter Disposal See attach pg 1 for payment details. Amount: \$20,011.50
	Component Description: 50% Main Transmitter Removal Amount: \$20,011.50
	Component Description: 50% Auxillary Transmitter Removal. Auxillary Transmitter & Installation separate Form 399 Line Items. Amount: \$13,782.60
	Equipment Delivery and Handling Charges
	Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,777,158.87	\$3,621,167.37	\$3,297,536.33

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"> <li data-bbox="742 772 1037 1176">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 data-bbox="742 1198 1021 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. <li data-bbox="742 1467 1029 1747">3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

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

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

Randy Mills
*Interim
Director
Finance and
Administration*

04/08/2021

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>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).</p>	
		<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>Randy Mills <i>Interim Director Finance and Administration</i></p> <p>04/08/2021</p>

Attachments