



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **19783** | Service: **DTV** | Call **KVEA** | Channel: **25 (UHF)** |
ID:
File **0000028173** | Sign:
Number:
FRN: **0019509470** | Date **01/25**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NBC	Margaret L.	+1 (202)	MARGARET.	Limited
TELEMUNDO	Tobey	524-	TOBEY@NBCUNI.	Liability
LICENSE LLC	300 NEW JERSEY AVE, N.W. SUITE 700 WASHINGTON, DC 20001 United States	6401	COM	Company

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
Margaret L Tobey <i>NBCUniversal, LLC</i>	300 New Jersey Ave. NW Suite 700 Washington, DC 20001 United States	+1 (202) 524- 6401	Margaret.Tobey@nbcuni. com

**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.	Yes
Briefly describe transition plan	Switch to new shared ATC interim antenna using existing IOT transmitter as interim transmitter. Remove old antenna and install new antenna and transmitter for new channel. Remove old transmitter after channel change.

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	DCXP-2
	Year	2010
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	52.9 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	THU9-48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	73.5 kW
	Justification for New Transmitter	A new transmitter is required so that we can use the existing transmitter during the transition to maintain coverage. We have selected a solid state transmitter as it will be less expensive than a comparable IOT. IOT Proposal attached for reference.

Primary Transmitter **Other Transmitter Costs**

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top 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)	1000.0 kW

Manufacturer	
Model	TFU-20ETT /VP-R 4C160
Year	2010

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?	Yes
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)	748.0 kW
	Manufacturer	

Model	TFU-18ETT /VP-R 4C160
Year	2019
Justification for New Antenna	Current antenna is channelized and will not work on new channel (Ch 25)

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?	No
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**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Mounting Adapter	Wedding Cake Mounting Adapter

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Ownership	Leased
	Owner	American Tower
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	350.0 kW
	Manufacturer	
	Model	TFU-16WB C160
	Year	2019

	Justification for New Antenna	New antenna required to maintain coverage during transition.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 698.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 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
Combiner Installation	Installation of combiner for interim antenna

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	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	250 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 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	250 feet per run
	Justification for New Transmission Line	Current transmission line will not work on new channel (ch 25)

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

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	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	320 feet per run
	Justification for New Transmission Line	New transmission line required to connect to new 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

Auxiliary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Used to maintain coverage when main antenna or transmitter is unavailable
	Ownership	Leased
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 12' 46.0" N-

Longitude (NAD83)	118° 03' 44.9" W-
Overall Structure Height	5624.00 feet
Support Structure Height	199.00 feet
Ground Elevation Above Mean Sea Level (AMSL)	5425.00 feet
Structure Type	LTOWER - Lattice Tower
Tower Owner	American Tower
Date Constructed	06/19/2000

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
58978	KPXN-TV	DTV
35078	KLOS	FM
191101	KSFV-CD	DTV

Auxiliary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

**Auxiliary
Tower**

Tower Rigging Costs

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

**Auxiliary
Tower**

Other Tower Expenses Not Listed

Name	Description
Tower Permit Drawing Package	Tower Drawling Package for permit filing (Cost per ATC customer)
Ground and Building Permit Drawing Package	Ground Drawling Package for permit filing (Cost per ATC customer)

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1213941
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 12' 47.9" N-
	Longitude (NAD83)	118° 03' 44.3" W-
	Overall Structure Height	199.80 feet
	Support Structure Height	199.80 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5428.08 feet
	Structure Type	LTOWER - Lattice Tower
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	07/01/2000

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
63865	KILM	DTV
22161	KRCA	DTV
26231	KWHY-TV	DTV
35608	KSCI	DTV
56384	KBEH	DTV
60026	KHTV-CD	DTV

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	Yes

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Ground Permit Drawling Package	Ground & Building A&E Permit Drawing Package (Cost per ATC customer)
Migratory Bird Assessment	Migratory Bird Assessment / Permitting (Cost per ATC customer)

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	2080
	Explanation	Project oversight of transmitter install, electrical connectivity, tower work, and antenna installation. Additional time will be spent tracking financial and legal process and coordinating with other broadcasters.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	No
	Prepare engineering section of Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare engineering section of Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	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	40

	Justification	Ground level RF engineering
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Outside Other Professional Services Expenses Not Listed
Professional Services Costs Services not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	Yes
	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
Interim Antenna Rental	One time charge for rental during market repack period

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 THU9-48	\$1,999,000.00	\$1,016,314.09		\$1,016,314.09	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,016,314.09	N/A	\$1,016,314.09	N/A
Sub-total	\$1,999,000.00	\$1,016,314.09	N/A	\$1,016,314.09	N/A
Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A

Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	<div><div>Component Description:</div><div>Transmitter we are requesting is the THU9-48, which is the upgraded model we are ordering. See cover letter to see what we are asking to reimbursed for.</div><div>Amount:</div><div>\$1,016,314.09</div></div>

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-16WB C160	\$320,613.00	\$145,358.00		\$0.00	
Combiner Installation	<i>\$3,333.00</i>	\$3,333.00	KVEA share of interim combiner cost	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$4,000.00	KVEA share of interim bracket cost	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$4,000.00	KVEA share of interim elbow complex cost	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$5,000.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$32,000.00	KVEA share of interim combiner cost	N/A	N/A

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$97,025.00	N/A	N/A	N/A
Primary Antenna TFU-18ETT /VP-R 4C160	\$427,028.00	\$521,997.00		\$480,327.10	
Mounting Adapter	\$123,628.00	\$123,628.00	See attached main antenna quote & change order	\$121,795.00	N/A
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$12,383.00	N/A	\$11,144.70	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$385,986.00	See attached quote "KVEA Main Antenna Quote"	\$347,387.40	N/A
Sub-total	\$747,641.00	\$667,355.00	N/A	\$480,327.10	N/A

Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A
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Components

Actual Information Description	File Name
Combiner Installation	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.
Mounting Adapter	<div> <div> Component Description: Amount: </div> <div> See line 4 of invoice \$8,248.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> Change order amount for wedding cake mounting adapters \$105,298.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> See line 4 of invoice \$8,248.50 </div> </div>

<p>Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="707 87 1090 257">Component Description:</td><td data-bbox="1090 87 1428 257">See line 3 of invoice</td></tr> <tr> <td data-bbox="707 257 1090 324">Amount:</td><td data-bbox="1090 257 1428 324">\$5,572.35</td></tr> <tr> <td data-bbox="707 324 1090 481"> Component Description:</td><td data-bbox="1090 324 1428 481"> See line 3 of invoice</td></tr> <tr> <td data-bbox="707 481 1090 566">Amount:</td><td data-bbox="1090 481 1428 566">\$5,572.35</td></tr> </table>	Component Description:	See line 3 of invoice	Amount:	\$5,572.35	 Component Description:	 See line 3 of invoice	Amount:	\$5,572.35
Component Description:	See line 3 of invoice								
Amount:	\$5,572.35								
 Component Description:	 See line 3 of invoice								
Amount:	\$5,572.35								
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="707 566 1090 728">Component Description:</td><td data-bbox="1090 566 1428 728">See lines 1 and 2 of invoice</td></tr> <tr> <td data-bbox="707 728 1090 795">Amount:</td><td data-bbox="1090 728 1428 795">\$173,693.70</td></tr> <tr> <td data-bbox="707 795 1090 952"> Component Description:</td><td data-bbox="1090 795 1428 952"> See lines 1 and 2 of invoice</td></tr> <tr> <td data-bbox="707 952 1090 1034">Amount:</td><td data-bbox="1090 952 1428 1034">\$173,693.70</td></tr> </table>	Component Description:	See lines 1 and 2 of invoice	Amount:	\$173,693.70	 Component Description:	 See lines 1 and 2 of invoice	Amount:	\$173,693.70
Component Description:	See lines 1 and 2 of invoice								
Amount:	\$173,693.70								
 Component Description:	 See lines 1 and 2 of invoice								
Amount:	\$173,693.70								

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	\$74,240.00	\$27,200.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8" broadband	\$74,240.00	\$27,200.00	KVEA share of cost for new interim antenna	N/A	N/A
Primary Transmission Line	\$72,500.00	\$128,742.50		\$115,868.26	
Rigid Transmission Line - copper, 7 3/16"	\$72,500.00	\$128,742.50	See lines 4 & 5 of main antenna quote	\$115,868.26	N/A
Sub-total	\$146,740.00	\$155,942.50	N/A	\$115,868.26	N/A
Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8" broadband	Information not provided.

Rigid Transmission Line -
copper, 7 3/16"

Component Description:

See lines 5-25 of
invoice

Amount:

\$57,934.13

Component Description:

See lines 5-25 of
invoice

Amount:

\$57,934.13

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 LTOWER	\$997,015.00	\$692,098.00		\$0.00	
Ground Permit Drawling Package	<i>\$4,700.00</i>	\$4,700.00	N/A	N/A	N/A
Tower Helicopter Lift	<i>\$123,432.00</i>	\$123,432.00	Due to constraints in road to the site and the area around the tower we require a helicopter lift to remove our old antenna and install a new antenna. Proposal attached.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$13,383.00	KVEA Share of Tower Mapping (\$6867) and structural engineering (\$6517) costs	N/A	N/A

Major tower reinforcement /modifications	\$421,000.00	\$150,000.00	KVEA Share of Tower reinforcement	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Migratory Bird Assessment	\$583.00	\$583.00	KVEA share of Migratory Bird Assessment on primary tower	N/A	N/A
Auxiliary Tower LTOWER	\$614,700.00	\$397,811.00		\$0.00	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$13,411.00	KVEA Share of Tower mapping (\$8173) and structural analysis (\$5238) costs	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$75,000.00	KVEA Share of Tower costs	N/A	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$300,000.00	N/A	N/A	N/A
Ground and Building Permit Drawing Package	\$4,700.00	\$4,700.00	N/A	N/A	N/A
Tower Permit Drawing Package	\$4,700.00	\$4,700.00	N/A	N/A	N/A
Sub-total	\$1,611,715.00	\$1,089,909.00	N/A	\$0.00	N/A
Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A

Components

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	\$490,985.00	\$468,250.00		\$105,098.46	
Additional Field Engineering Service, 40 Days	<i>\$40,000.00</i>	\$40,000.00	N/A	N/A	N/A
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	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	\$302.40	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$662.76	N/A
Project management of the transition	\$328,640.00	\$312,000.00	N/A	\$104,133.30	N/A
Sub-total	\$490,985.00	\$468,250.00	N/A	\$105,098.46	N/A
Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 40 Days	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	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	<div> Component Description: See lines 1 & 2 of invoice, less 10% vendor discount. </div> <div> Amount: \$189.00 </div>
	<div> Component Description: Preparation of CP and minor change application </div> <div> Amount: \$113.40 </div>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	<div> Component Description: Review additional information required for 399. </div> <div> Amount: \$75.60 </div> <div> Component Description: Review of Form 399 </div> <div> Amount: \$43.65 </div> <div> Component Description: See lines 3-5 of invoice, less 10% vendor discount. </div> <div> Amount: \$499.86 </div> <div> Component Description: Review of Form 399 </div> <div> Amount: \$43.65 </div>
Project management of the transition	<div> Component Description: Project Management Services </div> <div> Amount: \$600.00 </div>

Component Description:	Jan 2018 Project Management
Amount:	\$9,750.00

Component Description:	Project Management Invoice
Amount:	\$5,225.00

Component Description:	Project management
Amount:	\$5,239.40

Component Description:	August 2018 Project Management
Amount:	\$300.00

Component Description:	Project Management Services
Amount:	\$348.95

Component Description:	June 2018 Project Management
Amount:	\$4,605.00

Component Description:	July 2018 Project Management
Amount:	\$5,040.00

Component Description:	Project Management
Amount:	\$150.00

Component Description:	AFF Consulting January 2019 - Status Call
Amount:	\$150.00

Component Description:	Project Management Services
Amount:	\$975.00

Component Description:	June 2018 Project Management - KVEA portion (line 2)
Amount:	\$150.00

Component Description:	September 2018 Project Management
Amount:	\$1,745.38

Component Description:	Project Management Services
Amount:	\$1,275.00

Component Description:	Project management
Amount:	\$6,900.00

Component Description:	September 2018 Project Management
Amount:	\$9,075.00

Component Description:	Project Management Services
Amount:	\$2,470.00

Component Description:	Project management
Amount:	\$6,900.00

Component Description:	Point B project management services for the month of February 2019. See line item.
Amount:	\$3,150.00

Component Description:	October 2018 Project Management
Amount:	\$7,031.63

Component Description:	Project Management Services
Amount:	\$1,072.50

Component Description:	Project Management
Amount:	\$29,923.00

Component Description:	Point B Project Management January 2019
Amount:	\$3,000.00

Component Description:	August 2018 Project Management
Amount:	\$8,245.00

Component Description:	October 2018 Project Management
Amount:	\$600.00

Component Description:	November 2018 Project Management
Amount:	\$3,750.00

Component Description:	Project management and travel expenses
Amount:	\$7,080.60

Component Description:	Project Management
Amount:	\$900.00

Component Description:	Project Management Services
Amount:	\$3,965.00

Component Description:	June 2018 Project Management
Amount:	\$750.00

Component Description:	Project Management Services. See last page for explanation of variance.
Amount:	\$3,689.84

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	\$158,680.00	\$152,365.00		\$6,850.00	
Interim Antenna Rental	<i>\$57,600.00</i>	\$57,600.00	Interim antenna lease costs (see proposal from ATC)	N/A	N/A
MVPD Notification of Channel Change	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$20,000.00</i>	\$20,000.00	N/A	\$6,850.00	N/A
BLM or NFS Coordination	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A

Local Zoning	\$2,500.00	\$2,500.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,250.00	N/A	N/A	N/A
Sub-total	\$158,680.00	\$152,365.00	N/A	\$6,850.00	N/A
Total for all systems	\$5,154,761.00	\$3,550,135.59	N/A	\$1,724,457.91	N/A

Components

Actual Information	
Description	File Name
Interim Antenna Rental	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.

Disposal Costs (for equipment and other waste, net of any salvage value)	<div> Component Description: Asbestos abatement monitoring during vinyl floor tile removal Amount: \$2,350.00 </div> <div> Component Description: Floor tile removal Amount: \$4,500.00 </div>
BLM or NFS Coordination	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,154,761.00	\$3,550,135.59	\$1,724,457.91

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 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>Margaret L. Tobey <i>Assistant Secretary</i></p> <p>01/25/2021</p>

Attachments