

Federal Communications Commission

(REF	ER	ENCE	COPY	-	Not for	submission)
	-					

FCC Form 399: Reimbursement Request

Facility ID:	64987	Service: DTV	Call Sign:	KSTS	Channel: 19 (UHF)
File Number:	000002	8167			
FRN: 00	19509470	Date Submitted:	05/03 /2018		

Applicant Name, Type, and Contact Information

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

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact	Preparer Contact Name and Information						
Contact Information	Applicant	Address	Phone	Email			
	The Preparer is same as the reimbursement contact.						

Broadcaster	Question
Information	
and	
Transition	
Plan	

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	Install broadband interim antenna using existing transmitter to stay on air during transition and for repack channel if difficulty in completing new main antenna installation. Remove existing KSTS antenna. Install new transmitter & antenna for new channel

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

Primary	Existing Transmitter Information					
ransmitter	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				
	Manufacturer and Type	Model	NV8610V			
		Year	2010			
		Туре	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power Capacity	8 kW			

Existing Transmitter Information

Primary	New Transmitter Costs						
Transmitter	Section	Question	Response				
	New Transmitter	Use	Primary (Main)				
		Change Type	Purchase New				
		Is this a request for upgraded equipment?	No				
		Manufacturer					
		Model	THU9-8				
		Transmitter Type	Solid State				
		Solid State Cooling	Liquid Cooled				
		Solid State Power capacity	11.9 kW				
		Justification for New Transmitter	New Transmitter will be used so that the current transmitter can be used to keep KSTS on-air during the transition.				

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

	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical connection to new equipment (proposal attached)
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	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 leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

PrimaryOther Transmitter CoTransmitterInformation not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	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)	257.0 kW	

Manufacturer	
Model	ATW26H5- ETC1L-48H
Year	1999

Primary	New Antenna Costs			
Antenna	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	Class	Full Power	
	Manufacturer and Types	Mounting	Top Mount	
		Antenna position in stack	Тор	
		Polarization	Elliptical	
		Туре	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)	139.0 kW	
		Manufacturer		
			1	

Model	ATW20H3- ETCX-19H
Year	2020
Justification for New Antenna	Current antenna will not work on new channel (ch 19)

Primary	Other Antenna Costs			
Antenna	Section	Question	Response	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No	
		Туре		
		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?	No	
		Broadband or Single Channel?	N/A	
		Feed Line Size	N/A	
	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	

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

PolarizationHorizontalTypeBroadband SlotNumber of Stations Supported2Number of Panels/Bays16Lower Limit470.00 MHz	Interim	New Antenna Costs			
Description of Use N/A Change Type Purchase New Ownership Ownerd Is antenna shared? Na Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Yes Munting Side Mount Antenna position in stack Not in Stack Polarization Side Mount Type Side Mount Number of Stations Supported 2 Number of Stations Supported 16 Lower Limit Gas.on Materia Design power capacity in use 100.0 Materia Other Antenna Type Na Maufacturer Mau Maufacturer Mau	Antenna	Section	Question	Response	
Change Type Purchase New Ownership Ownerd Ownership N/A Is antenna shared? No Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Full Power Manufacturer and Type Class Full Power Manufacturer and Type Class Not in Stack Polarization Not in Stack Not in Stack Polarization Horizontal Stachand Stations Type Sumber of Stations Supported 2 Iumber of Stations Supported 16 Stack Iuper Limit Gesign power capacity in use 100.0 % Other Antenna Type N/A Stack Icter Ciffective Radiated Power) 20.0 kW Manufacturer Moundacturer Stack		New Antenna Description	Use	Interim	
New New Ownership Owned Owner NA Is antenna shared? No Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Full Power Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in stack Polarization Horizontal Side Mount Type Broadband Side Mount Number of Stations Supported 2 No Upper Limit Gesign power capacity in use 100.0 % Other Antenna Type NA No Manufacturer Giou % Manufacturer Manufacturer Side Mount Side Mount Manufacturer Side Mount			Description of Use	N/A	
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 Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Horizontal Type Broadband Slot Number of Stations Supported 2 Quere Limit 698.00 MHz Design power capacity in use 100.0 % Other Antenna Type N/A ERP: (Effective Radiated Power) 200.0 KW Manufacturer 100.0 % Mounfacturer 500.0 KW			Change Type		
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 Type Class Full Power Manufacturer and Type Class Side Mount Antenna position in stack Not in Stack Not in Stack Polarization Horizontal Side Mount Type Broadband Slot Slot Number of Stations Supported 2 Interna Charlental Function In Stack Upper Limit Geson MHz Geson MHz Cher Antenna Type NA Interna Type Rewer Limit Geson WHz Gotter Antenna Type NA ERP: (Effective Radiated Power) 200.0 kW Manufacturer Moudel State State State			Ownership	Owned	
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 Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Horizontal Type Broadband Stot Number of Stations Supported 2 Number of Panels/Bays 16 Lower Limit Upper Limit 698.00 MHz Design power capacity in use 100.0 % Other Antenna Type N/A ERP: (Effective Radiated Power) 200.0 kW Manufacturer Moult Moult Manufacturer Moule SBB- Moult Moult			Owner	N/A	
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 Broadband Slot Number of Stations Supported 2 Number of Panels/Bays 16 Lower Limit Gesion MHz Design power capacity in use 100.0 % Other Antenna Type N/A ERP: (Effective Radiated Power) 200.0 KW Manufacturer Moula SBB- SB-			Is antenna shared?	No	
Proximity to an antenna farm? Full Power New Antenna Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Horizontal Type Broadband Slot Number of Stations Supported 2 Number of Panels/Bays 16 Lower Limit 698.00 MHz Other Antenna Type NvA ERP: (Effective Radiated Power) 20.0 kW Manufacturer 58B-			Is antenna directional?	Yes	
Manufacturer and Type Mounting Side Mount Mounting Antenna position in stack Not in Stack Polarization Horizontal Horizontal Type Broadband Slot Number of Stations Supported 2 Image: Station Station Lower Limit Horizontal Horizontal Upper Limit G98.00 MHz G98.00 MHz Other Antenna Type N/A Image: Station				Yes	
MountingSide MountAntenna position in stackNot in StackPolarizationHorizontalTypeBroadband SlotNumber of Stations Supported2Number of Panels/Bays16Lower Limit470.00 MHzUpper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWMount58B-			Class	Full Power	
PolarizationHorizontalTypeBroadband SlotNumber of Stations Supported2Number of Panels/Bays16Lower Limit470.00 MHzUpper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturer58B-		Manufacturer and Type	Mounting	Side Mount	
TypeBroadband SlotNumber of Stations Supported2Number of Panels/Bays16Lower Limit470.00 MHzUpper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturer58B-			Antenna position in stack	Not in Stack	
SlotNumber of Stations Supported2Number of Panels/Bays16Lower Limit470.00 MHzUpper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturer58B-			Polarization	Horizontal	
Number of Panels/Bays16Lower Limit470.00 MHzUpper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturerSBB-			Туре		
Lower Limit 470.00 MHz Upper Limit 698.00 MHz Design power capacity in use 100.0 % Other Antenna Type N/A ERP: (Effective Radiated Power) 200.0 kW Manufacturer SBB-			Number of Stations Supported	2	
Upper Limit698.00 MHzDesign power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturerSBB-			Number of Panels/Bays	16	
Design power capacity in use100.0 %Other Antenna TypeN/AERP: (Effective Radiated Power)200.0 kWManufacturerSBB-			Lower Limit	470.00 MHz	
Other Antenna Type N/A ERP: (Effective Radiated Power) 200.0 kW Manufacturer SBB-			Upper Limit	698.00 MHz	
ERP: (Effective Radiated Power) 200.0 kW Manufacturer			Design power capacity in use	100.0 %	
Manufacturer Model SBB-			Other Antenna Type	N/A	
Model SBB-			ERP: (Effective Radiated Power)	200.0 kW	
			Manufacturer		
			Model		
Year 2020			Year	2020	

Justification for New Antenna	Interim
	antenna
	required to
	remain on
	air during
	transition.

Interim Antenna	Other Antenna Costs			
	Section	Question	Response	
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes	
		Broadband or Single Channel?	В	
		Feed Line Size	4 1/16 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?	Yes	
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes	

Other Antenna Costs

Interim Other Antenna Cost Not Listed

Antenna Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary	Existing Transmission Line			
Transmissio	on 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	Manufacturer		
	Line Manufacturer and Type	Туре	Waveguide	
		Diameter	N/A	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	478 feet per run	

Existing Transmission Line

Primary	New Transmission Line		
Transmissio	n 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
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	19 3/4 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	478 feet per run
		Justification for New Transmission Line	New transmission line required as existing wave guide cannot be re-used

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

Interim	New Transmission Line				
Transmissio	n Section	Question	Response		
	New Transmission Line Costs	Use	Interim		
		Description of Use	N/A		
		Change Type	Purchase New		
		Туре	Rigid		
		Diameter	4 1/16 inches		
		Segment Length	Broadband		
		Other Segment Length			
		Number of parallel runs	1		
		Length	478 feet per run		
		Justification for New Transmission Line	New transmission line required to support interim antenna		

Other Transmission Line Expenses Not Listed Transmission

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

marv	Existing	Tower
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Primary	Existing Tower				
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?	Candelabra		
		Is this tower currently shared with any other stations?	Yes		
		One or more FM, AM or TV radio broadcaster(s)	Yes		
		Others Types of Users	No		
		Is tower documented for structural analysis?	Unknown		
		Is tower compliant with Rev G?	Unknown		
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes		
		ASR Number	1044718		
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	37° 29' 57.0" N-		
	1983))	Longitude (NAD83)	121° 52' 20.0" W-		
		Overall Structure Height	442.91 feet		
		Support Structure Height	392.06 feet		
		Ground Elevation Above Mean Sea Level (AMSL)	2605.94 feet		

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Univision Television Group, Inc.
Date Constructed	02/25/1998

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	
33778	KDTV-DT	DTV	

Primary Tower Modification Costs

Tower

Tower

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

Primary Tower Rigging Costs

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

Primary
TowerOther Tower Expenses Not ListedInformation not provided.

Professional Services Cost Outside Project Management Se	ts		
	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	1040
		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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	20

Justification

Outside Other Professional Services Expenses Not Listed

Professional Services rCostsided.

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

Other Expenses Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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 THU9-8	\$507,828.00	\$332,086.00		\$0.00	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$318,758.00	N/A	N/A	N/A
Other Electrical Service: Electrical connection to new equipment (proposal attached)	\$13,328.00	\$13,328.00	Electrical proposal attached	N/A	N/A
Sub-total	\$507,828.00	\$332,086.00	N/A	\$0.00	N/A
Total for all systems	\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A

Components

Antennas

Cost Information

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 SBB-16C170	\$149,290.00	\$144,665.00		\$0.00	
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, broadband, at antenna input, per 4 1 /16. feedline (if needed)	\$10,950.00	\$8,065.00	N/A	N/A	N/A

Total for all systems	\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A
Sub-total	\$438,790.00	\$360,115.00	N/A	\$0.00	N/A
			proposal		
polarized			antenna		
circularly			attached		
elliptically or			test from		
antenna,			and sweep		
One station			design,		
1000 kW),			adapters,		
Mount (200-			antenna,		
Power Top	·	·	includes		
UHF - High	\$289,500.00	\$215,450.00	Cost	N/A	N/A
ATW20H3- ETCX-19H					
Antenna		+-··,···· ··		<i></i>	
Primary	\$289,500.00	\$215,450.00		\$0.00	
of existing antenna					
Sweep test	\$6,730.00	\$6,400.00	N/A	N/A	N/A
			is delayed.		
			installation		
			antenna		
polarized			main		
horizontally			channel if		
directional,,			on new		
kW input,			and for use		
16 bay,, 200			transition		
slot antenna,			during		
Mount, basic			stay on air		
Power, Side			antenna to		

Components

Transmission Line

Cost Information

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	\$77,914.00	\$77,310.00		\$0.00	
Rigid Transmission Line - copper, 4 1 /16" broadband	\$77,914.00	\$77,310.00	Price for SpectraLine as quoted by RFS	N/A	N/A
Primary Transmission Line	\$96,556.00	\$93,261.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$96,556.00	\$93,261.00	see attached antenna proposal	N/A	N/A
Sub-total	\$174,470.00	\$170,571.00	N/A	\$0.00	N/A
Total for all systems	\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A

Components

Tower Equipment and Rigging Costs

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$1,499,300.00	\$912,500.00		\$0.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$500,000.00	KSTS share of tower reinforcements	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	KSTS share of tower mapping	N/A	N/A
Sub-total	\$1,499,300.00	\$912,500.00	N/A	\$0.00	N/A
Total for all systems	\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A

Components

Outside Professional Services

Cost Information

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	\$304,035.00	\$249,750.00		\$7,048.91	
Project management of the transition	\$164,320.00	\$156,000.00	N/A	\$6,165.20	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$354.51	N/A
Additional Field Engineering Service, 20 Days	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$40,000.00	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$529.20	N/A

\$4,210.00	\$4,000.00	N/A	N/A	N/A
\$21,050.00	\$20,000.00	N/A	N/A	N/A
\$304,035.00	\$249,750.00	N/A	\$7,048.91	N/A
\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A
	\$21,050.00 \$304,035.00	\$21,050.00 \$20,000.00 \$304,035.00 \$249,750.00	\$21,050.00 \$20,000.00 N/A \$304,035.00 \$249,750.00 N/A	\$21,050.00 \$20,000.00 N/A N/A \$304,035.00 \$249,750.00 N/A \$7,048.91

Components

Actual Information	
Description	File Name

Project management of the transition	Component Description:	Project management: Permitting
	Amount:	research and conference calls. \$95.00
	Component Description:	Project Management Services
	Amount:	\$975.00
	Component Description:	Permitting Research and conference call with Univision
	Amount:	(Tower Owner) \$261.25
	Component Description:	Project Management Services
	Amount:	\$1,365.00
	Component Description:	Project Management Services
	Amount:	\$2,145.00
	Component Description:	Project Management Services
	Amount:	\$975.00
	Component Description:	Project Management Services
	Amount:	\$348.95

Prepare and or review reimbursement form	Component Description:	Review of Form 399
	Amount:	\$43.65
	Component Description: Amount:	See lines 2-4 of invoice, less 109 vendor discount \$310.86
	Amount.	ψ 3 10.00
Additional Field Engineering Service, 20 Days	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	Preparation of minor change application
	Amount:	\$226.80
	Component Description:	See line 1 of invoice, less 10% vendor discount
	Amount:	\$302.40
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	
RF Exposure Measurements	Information not provided.	

Other Expenses

Cost Information

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	\$84,080.00	\$76,765.00		\$368.60	
MVPD Notification of Channel Change	\$12,000.00	\$12,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Equipment Storage	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Non-zoning permits	\$2,500.00	\$2,500.00	N/A	\$368.60	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

DTV Medical	\$11,550.00	\$4,250.00	N/A	N/A	N/A
Facility Notification					
Sub-total	\$84,080.00	\$76,765.00	N/A	\$368.60	N/A
Total for all systems	\$3,008,503.00	\$2,101,787.00	N/A	\$7,417.51	N/A

Components

Actual Information Description	File Name	
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)	Information not provided.	
Non-zoning permits		
	Component Description:	Permitting
		Research
	Amount:	\$118.75
	Component Description:	Permitting
		research
	Amount:	\$249.85
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	\$3,008,503.00	\$2,101,787.00	\$7,417.51	

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 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. 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).
- 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.

an authorized representative of the above- named applicant for the Authorization(s) Assist	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.	
	an authorized representative of the above- named applicant for the Authorization(s)	Margaret L Tobey Assistant Secretary 05/03/2018

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 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).
- 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.

	 The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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. 	
an au name	lare, under penalty of perjury, that I am uthorized representative of the above- ed applicant for the Authorization(s) ified above.	Margaret L Tobey Assistant Secretary
		05/03/2018

Attachments