Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **64984** | Service: **DTV** | Call Sign: **KTMD** | Channel: **22 (UHF)**

File Number: **0000028246**

FRN: **0019509470** | Date Submitted: **04/12/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NBC TELEMUNDO LICENSE LLC	300 NEW JERSEY AVE, N.W. WASHINGTON, DC 20001 United States	+1 (202) 524-6401	MARGARET.TOBEY@NBCUNI.COM	Limited Liability 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 *NBCUniversal, LLC*	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	Use existing transmitter and aux antenna as interim facility on old channel.. Remove old antenna. Install new transmitter and replacement top mount antenna for new channel. After transition remove old transmitter and channel 48 aux antenna.

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	DCX-2H
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 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	THU9-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50 kW
	Justification for New Transmitter	New Transmitter required as the current transmitter is not longer supported (see attached note) Solid State transmitter chosen as it is less expensive then a new solid state (see attached proposal) and will allow old transmitter to be used as interim

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Connectivity to new transmitter
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 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

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description

RF Filter	RF Filter for new channel (ch 22)
Transmitter Installation	Installation of Transmitter, Filter, and ground level RF components

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	To maintain coverage when primary antenna is unavailable
	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?	Yes
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)	676.0 kW
Manufacturer	
Model	TFU-24DSB-C
Year	2004

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Used to maintain coverage when main antenna is unavailable
	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	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)	600.0 kW
Manufacturer	
Model	TFU-16DSB-D
Year	2019
Justification for New Antenna	New antenna required because existing auxiliary is single channel and will not work on new channel.

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?	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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Auxiliary Antenna

Other Antenna Cost Not Listed

Name	Description
Reducer	4-50 to 3-50 antenna input reducer

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	Top
	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	ATW26HS6-ETCXL-47M
Year	2002

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	Top
	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)	592.0 kW
	Manufacturer	

	Model	ATW19HS6-ETCX-22H
	Year	2019
	Justification for New Antenna	A new antenna is required as the current antenna is designed for channel 48 will not work on the new channel (Ch 22)

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	8 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

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

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Antenna Mount	Tower Stub, 6 ft., 42" face triangular tower, structural mount for 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	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2045 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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2045 feet per run
	Justification for New Transmission Line	New line is required because the existing GLW1500 waveguide will not work on channel 22.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	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	Yes
	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	1064696
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	29° 34' 16.0" N-
	Longitude (NAD83)	095° 30' 38.0" W-
	Overall Structure Height	1973.07 feet
	Support Structure Height	1842.17 feet
	Ground Elevation Above Mean Sea Level (AMSL)	76.77 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC
Date Constructed	11/19/2001

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
12895	KETH-TV	DTV
18516	KTBZ-FM	FM
24436	KLTJ	DTV
25439	KILT-FM	FM
25449	KKHH	FM
35073	KLOL	FM
66790	KUGB-CD	DTV
35337	KODA	FM
70492	KUBE-TV	DTV
60537	KFTH-DT	DTV
47749	KHMX	FM
53847	KXLN-DT	DTV
58835	KPXB-TV	DTV
35524	KRBE	FM

Other Types of Users

Users
KVQT-LD
KPBX-LD
KDHU-LD
KVVV-LD

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Drawling Package	Tower Permit Drawing Package (Cost per customer of ATC)
Ground and Building Permit Drawing Package	Ground & Building A&E Permit Drawing Package (Cost per customer of ATC)

Outside Professional Services Costs

Section	Question	Response
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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	Yes
	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	20

	Justification	Ground Level RF Engineering

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Information 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	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?	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
Public Hearing	Public Hearing (cost per customer) as per ATC documentation

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 THU9-36	**$1,537,801.80**	**$1,100,244.80**		**$1,060,993.00**	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$1,049,793.00	N/A	$1,049,793.00	N/A
Transmitter Installation	***$0.00***	$0.00	N/A	N/A	N/A
RF Filter	***$39,251.80***	$39,251.80	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$11,200.00	N/A	$11,200.00	N/A
Other Electrical Service: Electrical Connectivity to new transmitter	***$0.00***	$0.00	Electrical connection costs are reflected in the installation cost estimate	N/A	N/A
Sub-total	$1,537,801.80	$1,100,244.80	N/A	$1,060,993.00	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Actual Information Description	File Name

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:** **Amount:**	Updated invoice with cover letter and cost estimate. This is only for the cost of the transmitter minus the ETL cost in quote, see line 1. This does not include line item 2. The cost of the upgrade will go towards maximization. $1,049,793.00
Transmitter Installation	Information not provided.	
RF Filter	Information not provided.	
Transformer 3 phase/480v - 150 KVA	**Component Description:** **Amount:**	Transformers for 3 cabinet DTV transmitter. $11,200.00
Other Electrical Service: Electrical Connectivity to new transmitter	Information not provided.	

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW19HS6-ETCX-22H	**$329,480.00**	**$258,150.00**		**$77,046.94**	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$219,250.00	See attached quote from ERI.	$71,201.44	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	$15,250.00	$14,500.00	N/A	N/A	N/A
Antenna Mount	***$18,000.00***	$18,000.00	N/A	$5,845.50	N/A
Auxiliary Antenna TFU-16DSB-D	**$51,890.00**	**$49,000.00**		**$19,170.00**	
Reducer	***$868.00***	$868.00	N/A	$390.60	N/A

UHF - High Power, Side Mount, basic slot antenna, 600 kW input, directional,, horizontally polarized	***$39,032.00***	$39,032.00	N/A	$17,564.40	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$2,700.00	N/A	$1,215.00	N/A
Sub-total	$381,370.00	$307,150.00	N/A	$96,216.94	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Actual Information Description	File Name
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** 30% of line 1, plus 8.25% sales tax. **Amount:** $71,201.44
Sweep test of existing antenna	Information not provided.

Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	Information not provided.	
Antenna Mount	**Component Description:** **Amount:**	30% of line 2, plus 8.25% sales tax. $5,845.50
Reducer	**Component Description:** **Amount:**	See line 3 of invoice $390.60
UHF - High Power, Side Mount, basic slot antenna, 600 kW input, directional,, horizontally polarized	**Component Description:** **Amount:**	See line 1 of invoice $17,564.40
Sweep test of existing antenna	Information not provided.	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	**Component Description:** **Amount:**	See line 2 of invoice $1,215.00

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	**$709,615.00**	**$578,704.23**		**$173,611.27**	
Rigid Transmission Line - copper, 8 3 /16"	$709,615.00	$578,704.23	Line, adapters, and deign services from attached Antenna Proposal	$173,611.27	N/A
Sub-total	$709,615.00	$578,704.23	N/A	$173,611.27	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 8 3/16"	**Component Description:**	30% of lines 4-23, plus 8.25% sales tax.
	Amount:	$173,611.27

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 GTOWER	**$1,502,400.00**	**$857,022.47**		**$129,134.24**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$430,447.47	See proposal from ERI for antenna installation services	$129,134.24	N/A
Tower Helicopter Lift	***$0.00***	$0.00	As per M. Rhodes: cost reflected in "Complex Tower" line item	N/A	N/A
Ground and Building Permit Drawing Package	***$4,700.00***	$4,700.00	see attached American Tower cost estimate form	N/A	N/A
Tower Drawling Package	***$4,700.00***	$4,700.00	see attached American Tower cost estimate form	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	$20,000.00	$22,175.00	Price for tower mapping and structural engineering, as per ATC documentation	N/A	N/A

Serious tower reinforcement /modifications	$1,052,000.00	$395,000.00	see attached American Tower cost estimate form	N/A	N/A
Sub-total	$1,502,400.00	$857,022.47	N/A	$129,134.24	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Actual Information Description	File Name	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** **Amount:**	30% of lines 3 and 24, plus 8.25% sales tax. $129,134.24
Tower Helicopter Lift	Information not provided.	
Ground and Building Permit Drawing Package	Information not provided.	
Tower Drawling Package	Information not provided.	
Structural engineering tower load study for a documented tower with candelabra	Information not provided.	
Serious tower reinforcement /modifications	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	**$312,975.00**	**$250,550.00**		**$93,396.76**	
Additional Field Engineering Service, 20 Days	***$20,000.00***	$20,000.00	N/A	$10,000.00	N/A
RF Exposure Measurements	$21,050.00	$15,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	$6,310.00	$5,400.00	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	$415.80	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	$354.51	N/A
ASR modification (prepare FCC Form 854)	$2,105.00	$500.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	$2,105.00	$1,400.00	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
Project management of the transition	$164,320.00	$156,000.00	N/A	$82,626.45	N/A
Sub-total	$312,975.00	$250,550.00	N/A	$93,396.76	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Actual Information Description	File Name

Additional Field Engineering Service, 20 Days	**Component Description:** **Amount:**	Engineering site visit, inspection, measurements, drawing and planning for repack transmitter and RF installation, budgeting and planning. $10,000.00
RF Exposure Measurements	Information not provided.	
NEPA Section 106 environmental review, 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:** **Amount:** **Component Description:** **Amount:**	See lines 1 & 2 of invoice, less 10% vendor discount. See explanation of variance for line 3. $226.80 See lines 1 & 2 of invoice, less 10% vendor discount. $189.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review reimbursement form	**Component Description:** **Amount:**	Review of Form 399 $43.65
	Component Description: **Amount:**	See lines 3-5 of invoice, less 10% vendor discount. $310.86
ASR modification (prepare FCC Form 854)	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Project management of the transition	**Component Description:** **Amount:**	November 2018 Project Management $5,655.00
	Component Description: **Amount:**	October 2018 Project Management $8,575.00
	Component Description: **Amount:**	Project Management Services $2,405.00

Component Description:	Point B project management services for the month of February 2019. See line item.
Amount:	$4,800.00
Component Description:	Project Management
Amount:	$8,250.00
Component Description:	Project Management
Amount:	$6,150.00
Component Description:	Project Management Services Updated
Amount:	$4,800.00
Component Description:	July 2018 Project Management
Amount:	$4,060.00
Component Description:	Point B Project Management January 2019
Amount:	$4,885.00
Component Description:	Project Management Services
Amount:	$1,072.50

Component Description:	Project Management Services
Amount:	$975.00
Component Description:	Project Management Services
Amount:	$348.95
Component Description:	August 2018 Project Management
Amount:	$2,650.00
Component Description:	Project Management Services
Amount:	$3,380.00
Component Description:	Apr-18 Project Management
Amount:	$6,150.00
Component Description:	Project Management Services
Amount:	$2,470.00
Component Description:	June 2018 Project Management
Amount:	$6,250.00
Component Description:	Jan 2018 Project Management
Amount:	$9,750.00

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 Cos Justificatio
Other Expenses	**$59,330.00**	**$52,015.00**		**$0.00**	
Public Hearing	***$2,000.00***	$2,000.00	see attached ATC documentation	N/A	N/A
MVPD Notification of Channel Change	***$12,000.00***	$12,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$4,250.00	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
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
Local Zoning	***$750.00***	$750.00	N/A	N/A	N/A
Non-zoning permits	***$2,500.00***	$2,500.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$15,000.00***	$15,000.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	***$10,000.00***	$10,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Sub-total	$59,330.00	$52,015.00	N/A	$0.00	N/A
Total for all systems	$4,503,491.80	$3,145,686.50	N/A	$1,553,352.21	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$4,503,491.80	$3,145,686.50	$1,553,352.21

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	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.	
	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.

	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.	**Margaret L Tobey** *Assistant Secretary* 04/12/2019

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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).	
	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.

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Margaret L Tobey** *Assistant Secretary* 04/12/2019

Attachments