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: **63768** | Service: **DTV** | Call Sign: **KBLR** | Channel: **20 (UHF)**

File Number: **0000028159**

FRN: **0012852398** | Date Submitted: **02/06/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TELEMUNDO LAS VEGAS LICENSE LLC	MARGARET TOBEY C/O NBCUNIVERSAL 300 NEW JERSEY AVENUE, NW 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
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Install antenna for new channel on new tower while using existing main antenna on pre-auction channel with auxiliary transmitter. Replace mask filter and retune existing main transmitter for new channel. Modify aux for use on new channel after cut-over.

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	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	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	Rohde & Schwarz

	Model	THU-9/24
	Year	2013
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	24 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	30 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

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	Yes
	Description	Transformer - 45 KVA K13 480 /400Y-230

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

Information not provided.

Auxiliary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	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	TDU2-5K00LV
	Year	2006
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	THU9-5 (Non-EVO)
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	5.8 kW
	Justification for New Transmitter	Support for existing transmitter ends on 12/31/2019 and we are concerned about reliability with the extended use required as part of the repack and the lack of any backup once the existing main transmitter is moved to the new channel.

Auxiliary 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 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Auxilary Transmitter Installation Costs	Installation cost including RF system modification and electrical work

Antennas

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

Auxiliary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup and operation during maintenance of main
	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	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)	230.0 kW
Manufacturer	
Model	TLP-16E-SP
Year	2006

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	During tower maintenance
	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)	205.0 kW
	Manufacturer	

Model	TLP-16E-SP
Year	2018
Justification for New Antenna	Existing auxiliary antenna is single channel only and current location is blocked by new tower.

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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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)	1000.0 kW

Manufacturer	
Model	ATW16H3-HSC5U-39S
Year	1999

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	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)	655.0 kW
	Manufacturer	

	Model	TFU-17ETT /VP-R S340
	Year	2018
	Justification for New Antenna	Existing antenna will not operate on thenew channel. New tower was designed for top mount antenna. Adding structure to top for side mount would increase cost. Upgraded to elliptical polarization.

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	4 1/16 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

Information not provided.

Transmission Line

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

Auxiliary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Connection to new aux antenna
	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	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	285 feet per run

Auxiliary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Allows station to stay on air in event of failure and to protect workers on tower top
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	240 feet per run

Justification for New Transmission Line	Existing line goes to a different tower that is no longer usable and was installed in conduit. Removing it will destroy it making it unusable for use with this antenna.

Auxiliary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

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	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	245 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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	410 feet per run
	Justification for New Transmission Line	Existing line needs to be kept on old tower during the transition to allow operation on the current channel while equipment for the new channel is installed and tested.

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

Auxiliary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Auxiliary (Backup)
	Description of Use	Backup and for use during maintenance on main tower
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1058295
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 00' 34.2" N-
	Longitude (NAD83)	115° 00' 22.1" W-
	Overall Structure Height	102.03 feet

Support Structure Height	80.05 feet
Ground Elevation Above Mean Sea Level (AMSL)	3268.66 feet
Structure Type	LTOWER - Lattice Tower
Tower Owner	American Towers, LLC
Date Constructed	03/01/1999

Auxiliary Tower

Tower Rigging Costs

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

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description
Remove ch 40 aux antenna	Remove and dispose of channel 40 antenna and transmission line.

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Construct New
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1009985
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 00' 36.4" N-
	Longitude (NAD83)	115° 00' 22.7" W-
	Overall Structure Height	251.97 feet
	Support Structure Height	247.04 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3227.98 feet
	Structure Type	LTOWER - Lattice Tower
	Tower Owner	American Tower, LLC
	Date Constructed	08/24/2001

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
14302	K43FO-D	DTV
66807	KHDF-CD	DTV
40757	KKLZ	FM
57281	KCYE	FM
10498	KEEN-CD	DTV

Other Types of Users

Users
KLVD-LD 69786
KVEG-FM1 92496

Primary Tower

Tower Construction Costs

Section	Question	Response
Construct New Tower	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	200.00 feet
	Justification for New Tower	See attachment "KBLR Tower Justification Letter 060817. pdf" from American Tower Company

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Remove channel 40 antenna	Cost to remove and dispose of old channel 40 main antenna and line and relocate FM stations during tower work

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1040
	Explanation	6 months of PM at $150 /hr for 40 hours per week total cost $156,000
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	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	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	30
	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	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	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

Information not provided.

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 THU-9/24	**$142,130.00**	**$157,822.24**		**$46,818.99**	
Other Electrical Service: Transformer - 45 KVA K13 480 /400Y-230	***$4,330.00***	$4,330.00	See attached quote	$4,330.00	N/A
30 kW mask filter	$32,600.00	$42,488.99	See attachment "Marsand Filter Quote". 8% NV tax added to quoted price	$42,488.99	N/A
UHF and VHF - minor banding issues	$105,200.00	$111,003.25	Modifications to RF system, retune 24 amplifiers. See attachment "KBLR Marsand Quote REVISED" 2nd line item. 8% NV tax added	$0.00	N/A
Auxiliary Transmitter THU9-5 (Non-EVO)	**$404,498.77**	**$325,067.07**		**$194,068.30**	

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	$273,500.00	$194,068.30	See quote "KBLR Transmitter Quote Updated 9-11". 8% NV sales tax added to quoted price	$194,068.30	N/A
Auxilary Transmitter Installation Costs	***$130,998.77***	$130,998.77	See attached quote "KBLR Marsand Quote REVISED" - 1st iiem "Install 1 cabinet R&S, coax, SW, electrical & load" plus 8% tax of $9,703.61 .	$0.00	N/A
Sub-total	$546,628.77	$482,889.31	N/A	$240,887.29	N/A
Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	**File Name**
Other Electrical Service: Transformer - 45 KVA K13 480/400Y-230	**Component Description:** Transformer **Amount:** $4,330.00
30 kW mask filter	**Component Description:** 8 Pole Mask Filter **Amount:** $42,488.99

UHF and VHF - minor banding issues	**Component Description:**	See line 2 on invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
	Amount:	$41,112.32
	Component Description:	See 2nd item of invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
	Amount:	$51,390.40
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	**Component Description:**	Transmitter Cost plus tax
	Amount:	$194,068.30

Auxilary Transmitter Installation Costs	**Component Description:**	See line 1 of invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
	Amount:	$60,647.58
	Component Description:	See line 1 on invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
	Amount:	$48,518.06

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 TFU-17ETT /VP-R S340	**$305,800.00**	**$199,717.84**		**$0.00**	
Sweep test of existing antenna	$6,730.00	$6,400.00	See Dielectric quote.	$0.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	$9,570.00	$8,699.40	See quote "DMS081 NBC KBLR REPACK. pdf". 8% NV tax of $644.40 added.	$0.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$184,618.44	See quote "DMS081 NBC KBLR REPACK.pdf ",. $16,425.00 cost for vertical polarization removed. 8% NV tax of $13,675.44 added to remaining total.	$0.00	N/A
Auxiliary Antenna TLP-16E-SP	**$224,640.00**	**$39,536.48**		**$0.00**	

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	$189,500.00	$21,942.00	N/A	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$4,500.00	N/A	$0.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$3,800.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$9,294.48	Required for side mount on tapered tower. Included in attached quote "700353CMZ KBLR AUX NBC.pdf" from Dielectric. Added 8% NV tax to quote.	$0.00	N/A
Sub-total	$530,440.00	$239,254.32	N/A	$0.00	N/A
Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	File Name	
Sweep test of existing antenna	**Component Description:** **Amount:**	Line 22 of invoice $2,880.00
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	**Component Description:** **Amount:**	Line 3 of invoice. $3,624.75
	Component Description: **Amount:**	45% of line 3 on invoice $3,624.75
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	45% of line 1 on invoice $76,924.35
	Component Description: **Amount:**	Line 1 of invoice. $76,924.35
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	**Component Description:** **Amount:**	See line 1 of invoice. $9,873.90
	Component Description: **Amount:**	See line 1 of invoice. $9,873.90

Sweep test of existing antenna	**Component Description:** **Amount:** **Component Description:** **Amount:**	See "Antenna line sweep" on invoice. $2,250.00 See "Antenna line sweep" on invoice. $1,800.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:** **Amount:** **Component Description:** **Amount:**	See line 2 on invoice. $3,872.70 See line 2 of invoice. $3,872.70

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
Primary Transmission Line	**$58,220.00**	**$50,530.28**		**$0.00**	
Rigid Transmission Line - copper, 4 1 /16"	$58,220.00	$50,530.28	See quote "DMS081 NBC KBLR REPACK. pdf" Item 3. 8% NV sales tax added.	$0.00	N/A
Auxiliary Transmission Line	**$14,160.00**	**$14,516.49**		**$0.00**	
Flexible Air Transmission Line - dielectric, 3"	$14,160.00	$14,516.49	Price includes dehydrator, line support, and connectors. See "700353CMZ KBLR AUX NBC.pdf". 8% NV sales tax added to quote.	$0.00	N/A
Sub-total	$72,380.00	$65,046.77	N/A	$0.00	N/A
Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	File Name

Rigid Transmission Line - copper, 4 1/16"	**Component Description:** **Amount:**	See line 4 of invoice. $21,054.29
	Component Description: **Amount:**	45% of line 4 on invoice $21,054.29
Flexible Air Transmission Line - dielectric, 3"	**Component Description:** **Amount:**	See line 3 on invoice. $6,048.54
	Component Description: **Amount:**	See line 3 of invoice. $6,048.54

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	**$0.00**	**$0.00**		**$0.00**	
Auxiliary Tower LTOWER	**$122,000.00**	**$81,030.67**		**$0.00**	
Short Tower (less than 500')	$84,200.00	$43,230.67	See quote "KBLR Marsand Quote REVISED" - attached. Auxiliary antenna installation along with antenna line sweep. Price includes 8% NV tax.	$0.00	N/A
Remove ch 40 aux antenna	***$37,800.00***	$37,800.00	See quote "Quote1743B-2 - kblr - post repack.pdf" - 4th item Price includes 8% NV tax.	N/A	N/A
Primary Tower	**$768,447.87**	**$487,739.87**		**$161,374.67**	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$140,292.00	See quote "KBLR Marsand Quote REVISED" - 6th item - main antenna installation. 8% NV sales tax added to quote.	$0.00	N/A
New tower	***$161,374.67***	$161,374.67	See attachment "KBLR Justification Letter 0601817.pdf" from ATC for KBLR portion of new tower cost. Also see attached quote.	$161,374.67	N/A
Remove channel 40 antenna	***$186,073.20***	$186,073.20	See attachment "Quote1743B-2 - kblr - post repack.pdf". Work must be done at night as lease does not require other tower users to shutdown or reduce power during the day to protect workers. Price includes 8% NV sales tax	N/A	N/A
Sub-total	$890,447.87	$568,770.54	N/A	$161,374.67	N/A

Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	File Name	
Short Tower (less than 500')	**Component Description:** **Amount:**	See "Wallen crew" on invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $18,862.50
	Component Description: **Amount:**	See "Wallen crew" on invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $15,090.00
Remove ch 40 aux antenna	Information not provided.	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** **Amount:** **Component Description:** **Amount:**	See "ERI crew" line on invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $51,960.00 See 6th item of invoice for antenna installation cost. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $64,950.00
New tower	**Component Description:** **Amount:**	New tower capital contribution $161,374.67
Remove channel 40 antenna	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	**$315,605.00**	**$270,415.17**		**$23,081.12**	
Additional Field Engineering Service, 30 Days	***$10,000.00***	$10,000.00	N/A	$0.00	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	$50,000.00	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	$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	$2,105.00	$2,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	$10,520.00	$10,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	N/A	$567.00	N/A
Project management of the transition	$164,320.00	$156,000.00	N/A	$19,848.95	N/A
Prepare and or review reimbursement form	$2,630.00	$2,665.17	Additional costs associated with revisions to Form 399.	$2,665.17	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
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 - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	$0.00	N/A

Sub-total	$315,605.00	$270,415.17	N/A	$23,081.12	N/A
Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	File Name	
Additional Field Engineering Service, 30 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.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
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 LMS minor change application for post-repack facility
	Amount:	$340.20
	Component Description:	Lines 1 and 2, less a portion of the discount.
	Amount:	$226.80
Project management of the transition	**Component Description:**	Project management services
	Amount:	$7,280.00
	Component Description:	Project management services
	Amount:	$2,145.00
	Component Description:	This is a cost for project management work that has already been performed. Hours and expenses outlined on invoice from months in 2017. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
	Amount:	$17,764.20

Component Description:	See breakdown of completed project management work on invoice for months in 2017. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs.
Amount:	$14,211.36
Component Description:	Project management services
Amount:	$4,420.00
Component Description:	November project management services
Amount:	$3,510.00
Component Description:	Project Management Services
Amount:	$2,145.00
Component Description:	Project management services
Amount:	$348.95

Prepare and or review reimbursement form	**Component Description:** **Amount:**	Review and revision of form 399. $1,741.05
	Component Description: **Amount:**	Review and Revision of Form 399. $121.86
	Component Description: **Amount:**	Lines 3-6 of invoice, less 10% discount. $802.26
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Other Expenses	**$101,486.20**	**$100,886.20**		**$125.00**	
Develop and air announcement of upcoming channel change	***$25,000.00***	$25,000.00	Production of announcements and air-time for announcements	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$38,491.20***	$38,491.20	See "KBLR Marsand Quote REVISED" item "Disposal Thales, CIF, Aux filter & RF" plus 8% tax of $2,851.20. Channel 40 antenna disposal costs are included in tower rigging estimates.	$0.00	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	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
Local Zoning	***$15,000.00***	$15,000.00	To be provided by ATC	$125.00	N/A

MVPD Notification of Channel Change	***$10,000.00***	$10,000.00	N/A	N/A	N/A
Sub-total	$101,486.20	$100,886.20	N/A	$125.00	N/A
Total for all systems	$2,456,987.84	$1,727,262.31	N/A	$425,468.08	N/A

Components

Actual Information Description	File Name	
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	See 3rd item of invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $17,820.00
	Component Description: **Amount:**	See 3rd item of invoice. Requested amount adjusted and resubmitted to account for vendor's adjustment of non-taxable labor costs. $14,256.00
DTV Medical Facility Notification	Information not provided.	

FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
Local Zoning	**Component Description:** Permitting Research **Amount:** $125.00
MVPD Notification of Channel Change	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,456,987.84	$1,727,262.31	$425,468.08

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* 02/06/2018

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).	
	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* 02/06/2018

Attachments