

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File	63768 000002	Service: DTV	Call Sign:	KBLR	Channel: 20 (UHF)
Number:					
FRN: 00	12852398	Date	05/03		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

on	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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Ontact Name and Information

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

Broadcaster	Question	Response
Information and Transition Plan	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 Existing Transmitter Information

ransmitter	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
Туре	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	24 kW

Primary	Retuning Transmitter Costs				
Transmitter	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 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	Transformer - 45 KVA
			K13 480 /400Y-230

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

PrimaryOther Transmitter Cost Not ListedTransmitterInformation not provided.

Auxiliary	Existing Transmitter Information					
Transmitter	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				
	Manufacturer and Type	Model	TDU2- 5K00LV			
		Year	2006			
		Туре	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power Capacity	5 kW			

Existing Transmitter Information

Auxiliary	New Transmitter Costs			
Transmitter	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.	

Transmitter	O soften		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	No			
		Description	N/A			
	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 Auxiliary Transmitter Name Description **Auxilary Transmitter Installation Costs** Installation cost including RF system modification and electrical work

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

Auxiliary	Existing Antenna Information			
Antenna	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	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	230.0 kW
Manufacturer	
Model	TLP-16E-SP
Year	2006

Auxiliary	New Antenna Costs				
Antenna	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		
		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)	205.0 kW		
		Manufacturer			

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

Other Antenna Costs

Auxiliary 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?	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
AntennaOther Antenna Cost Not ListedInformation not provided.

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 Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	1000.0 kW	

Manufacturer	
Model	ATW16H3- HSC5U-39S
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?	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	
		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)	655.0 kW	
		Manufacturer		

Model	TFU-17ET1 /VP-R S340
Year	2018
Justification for New Antenna	Existing antenna wil 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 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?	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 Other Antenna Cost Not Listed

Antenna Informatio

Information not provided.

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

Auxiliary	Existing Transmission Line			
Transmissio	n 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		
		Туре	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	New Transmission Line		
Transmissio	n 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
		Туре	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.

Other Transmission Line Expenses Not Listed Transmission

Primary	Existing Transmission Line			
Transmissic	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	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	

Existing Transmission Line

Primary	New Transmission Line			
Transmissio	n Linen	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	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 Other Transmission Line Expenses Not Listed

Other Transmission 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

Existing Tower

Auxiliary	Existing Tower			
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	Do you have a tower registration number?	Yes	
	Registration	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

Tower Rigging Costs

Auxiliary Tower

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

Auxiliary Tower Name

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

Primary	Existing Tower				
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	Do you have a tower registration number?	Yes		
	Registration	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
10498	KEEN-CD	DTV
57281	KCYE	FM
66807	KHDF-CD	DTV
40757	KKLZ	FM
14302	K43FO-D	DTV

Other Types of Users

Users

KLVD-LD 69786

KVEG-FM1 92496

Primary	Tower Construction Costs			
Tower	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 Section

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	Section	Question	Response
Professional	Services Costs 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

Other Professional Services Expenses Not Listed Professional Services roostsided.

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	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 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 THU-9/24	\$142,130.00	\$149,599.79		\$149,599.79	
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
Other Electrical Service: Transformer - 45 KVA K13 480 /400Y-230	\$4,330.00	\$4,330.00	See attached quote	\$4,330.00	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$102,780.80	Modifications to RF system, retune 24 amplifiers. See attachment "KBLR Marsand Quote REVISED" 2nd line item. 8% NV tax added	\$102,780.80	N/A
Auxiliary Transmitter THU9-5 (Non-EVO)	\$394,795.16	\$315,363.46		\$315,363.46	

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	\$121,295.16	\$121,295.16	See attached quote "KBLR Marsand Quote REVISED" - 1st item "Install 1 cabinet R&S, coax, SW, electrical & load"	\$121,295.16	N/A
Sub-total	\$536,925.16	\$464,963.25	N/A	\$464,963.25	N/A
Total for all systems	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A

Components

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

UHF and VHF - minor banding issues	Component Description: Amount:	See line 2 on invoice. \$41,112.32
	Component Description: Amount:	See 2nd item of invoice. \$51,390.40
	Component Description: Amount:	See 2nd line of invoice \$10,278.08
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	Component Description: Amount:	Transmitter Cost plus tax \$194,068.30
Auxilary Transmitter Installation Costs	Component Description: Amount:	See line 1 on invoice. \$48,518.06
	Component Description: Amount:	See 1st line of invoice \$12,129.52
	Component Description: Amount:	See line 1 of invoice. \$60,647.58

Antennas

Cost Information

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	
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Dielectric quote.	\$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	\$414,140.00	\$59,284.28		\$24,247.80	

UHF -	\$189,500.00	\$21,942.00	N/A	N/A	N/A
Lower					
Power					
Side					
Mount,					
One					
station -					
200-500					
kW,					
horizontally					
polarized					
UHF -	\$189,500.00	\$19,747.80	***System	\$19,747.80	N/A
Lower			Notice:		
Power			Estimate		
Side			adjusted and		
Mount,			locked		
One			because line		
station -			has been		
200-500			superseded.		
kW,			***See line 1		
horizontally			of attached		
polarized			quote		
Pattern	\$5,260.00	\$3,800.00	N/A	N/A	N/A
scatter					
analysis for					
side mount					
high/med					
power					
antennas					
(if not					
included in					
antenna					
base cost)					

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
Sweep test of existing antenna	\$6,730.00	\$4,500.00	N/A	\$4,500.00	N/A
Sub-total	\$719,940.00	\$259,002.12	N/A	\$24,247.80	N/A
Total for all systems	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A

Actual Information Description	File Name	
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Component Description: Amount: Component Description: Amount:	45% of line 3 on invoice \$3,624.75 Line 3 of invoice. \$3,624.75
Sweep test of existing antenna	Component Description: Amount:	Line 22 of invoice \$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description: Amount:	Line 1 of invoice \$76,924.35
	Component Description: Amount:	45% of line 1 or invoice \$76,924.35
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Component Description: Amount:	See line 1 on invoice. \$9,873.90
	Component Description: Amount:	See line 1 of invoice \$9,873.90
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:	See line 2 on invoice. \$3,872.70
	Component Description:	See line 2 of

Sweep test of existing		
antenna	Component Description:	See "Antenna
		line sweep" on
		invoice.
	Amount:	\$1,800.00
	Component Description:	Aux antenna line
		sweep
	Amount:	\$450.00
	Component Description:	See "Antenna
		line sweep" on
		invoice.
	Amount:	\$2,250.00

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 Justificatior
Primary Transmission Line	\$58,220.00	\$46,787.30		\$0.00	
Rigid Transmission Line - copper, 4 1 /16"	\$58,220.00	\$46,787.30	See quote "DMS081 NBC KBLR REPACK. pdf" Item 3.	\$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	\$61,303.79	N/A	\$0.00	N/A
Total for all systems	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A

Actual Information	
Description	File Name

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

Tower Equipment and Rigging Costs

Cost Information

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	\$119,200.00	\$78,739.00		\$78,739.00	
Remove ch 40 aux antenna	\$35,000.00	\$35,000.00	See quote "Quote1743B- 2 - kblr - post repack.pdf" - 4th item	\$35,000.00	N/A
Short Tower (less than 500')	\$84,200.00	\$43,739.00	See quote "KBLR Marsand Quote REVISED" - attached. Auxiliary antenna installation along with antenna line sweep. Plus additional charges for unexpected delays.	\$43,739.00	N/A
Primary Tower	\$754,664.67	\$473,784.67		\$301,494.67	

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
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$140,120.00	See quote "KBLR Marsand Quote REVISED" - 6th item - main antenna installation. Also see invoice for additional charges due to unexpected delay.	\$140,120.00	N/A
Remove channel 40 antenna	\$172,290.00	\$172,290.00	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	\$0.00	N/A
			protect workers.		

Total for all	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A
systems					

Actual Information Description	File Name	
Remove ch 40 aux antenna	Component Description: Amount:	Removal of aux antenna and line and disposal \$35,000.00
Short Tower (less than 500')	Component Description:	Additional tower charges for aux
	Amount:	installation \$6,014.00
	Component Description: Amount:	See "Wallen crew" on invoice. \$15,090.00
	Component Description:	See line "Wallen crew to install Aux antenna and line"
	Amount:	\$3,772.50
	Component Description: Amount:	See "Wallen crew" on invoice. \$18,862.50
New tower	Component Description:	New tower capital contribution
	Amount:	\$161,374.67

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	See "ERI crew" line on invoice. \$51,960.00
	Component Description:	See 6th item of invoice for antenna
	Amount:	installation cost. \$64,950.00
	Component Description:	See line "ERI crew to install main antenna and line" and line "ERI extra charges due to weather and
	Amount:	delivery delays" \$23,210.00
Remove channel 40 antenna	Information not provided.	

Outside Professional Services

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$341,975.00	\$297,320.00		\$59,689.37	
Prepare and or review reimbursement form	\$2,630.00	\$3,200.00	Additional costs associated with revisions to Form 399.	\$3,110.22	N/A
Additional Field Engineering Service, 30 Days	\$36,370.00	\$36,370.00	See "post- repack" quote, plus invoice attached for site survey	\$0.00	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 - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$0.00	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
Project management of the transition	\$164,320.00	\$156,000.00	N/A	\$56,352.35	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 - Prepare and File FCC Form 2100 (main), Construction Permit	\$5,260.00	\$5,000.00	N/A	\$226.80	N/A

Attorney Fees -	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Aux Antenna,					
prepare and					
File Form 2100					
Construction					
Permit or					
License					
Application					
RF Exposure	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Measurements					
Sub-total	\$341,975.00	\$297,320.00	N/A	\$59,689.37	N/A
Total for all	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A
systems					

Actual Information	
Description	File Name

reimbursement form	Component Description: Amount:	Review and Revision of Form 399. \$121.86
	Component Description: Amount:	Review of Form 399 \$218.25
	Component Description: Amount:	Review of Form 399 \$226.80
	Component Description:	Lines 3-6 of invoice, less 10%
	Amount:	discount. \$802.26
	Component Description:	Review and revision of form 399.
	Amount:	\$1,741.05
Additional Field Engineering Service, 30	Component Description:	Engineering site
Days		visit, inspection,
		measurements,
		drawing, and planning for repack
		transmitter and RF
		installation,
		budgeting and planning.
	Amount:	\$10,000.00
Comprehensive coverage	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 - Negotiation of lease and other matters for shared locations	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Project management of the transition	Component Description:	Project
		management
		management services
	Amount:	management
		management services
	Amount:	management services \$7,280.00 Project management
	Amount: Component Description:	management services \$7,280.00 Project management services
	Amount: Component Description: Amount:	management services \$7,280.00 Project management services \$348.95 Jan 2018 Project
	Amount: Component Description: Amount: Component Description:	management services \$7,280.00 Project management services \$348.95 Jan 2018 Project Management
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	Amount: Component Description: Amount: Component Description:	management services \$7,280.00 Project management services \$348.95 Jan 2018 Project Management

Component Description:	See breakdown of completed project management work on invoice for months in 2017 and receipts for travel expenses. \$14,211.36
Component Description: Amount:	November project management services \$3,510.00
Component Description: Amount:	See invoice for breakdown of project management charges \$3,552.84
Component Description: Amount:	Project management services \$2,145.00
Component Description: Amount:	Project management services \$4,420.00
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. \$17,764.20

	Component Description:	Project Management Services
	Amount:	\$2,145.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	Preparation of LM minor change
, pproducti	Amount:	application for pos repack facility \$340.20
	Component Description:	Lines 1 and 2, les a portion of the
	Amount:	discount. \$226.80
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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Other Expenses	\$98,635.00	\$90,785.00		\$39,515.00	
DTV Medical Facility Notification	\$11,550.00	\$3,750.00	N/A	\$3,750.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$35,640.00	\$35,640.00	See "KBLR Marsand Quote REVISED" item "Disposal Thales, CIF, Aux filter & RF". Channel 40 antenna disposal costs are included in tower rigging estimates.	\$35,640.00	N/A
MVPD Notification of Channel Change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
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
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
Sub-total	\$98,635.00	\$90,785.00	N/A	\$39,515.00	N/A
Total for all systems	\$2,643,719.83	\$1,725,897.83	N/A	\$968,649.09	N/A

Actual Information Description	File Name	
DTV Medical Facility Notification	Component Description: Amount:	Medical Notification Mailing \$3,750.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	See 3rd item of invoice. \$14,256.00
	Component Description: Amount:	See 3rd item of invoice. \$17,820.00
	Component Description: Amount:	See 3rd line of invoice \$3,564.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	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

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$2,643,719.83	\$1,725,897.83	\$968,649.09	

Reimbursem	envestiatus	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