



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **69692** | Service: **DTV** | Call **KNVO** | Channel: **17 (UHF)** |
ID: | Sign:
File **0000028314**
Number:
FRN: **0001529627** | Date **04/06**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ENTRAVISION HOLDINGS, LLC	Mark Boelke 2425 OLYMPIC BLVD STE 6000 W SANTA MONICA, CA 90404 United States	+1 (310) 447-3870	mboelke@entravision.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
Samuel Hariton <i>Widely</i>	4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.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	The plan is for KNVO is to replace the existing Channel 49 system with a new Channel 17 antenna, new 6-1/8" line, and a new transmitter.

Transmitters

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

**Primary
Transmitter**

Add 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	CD3P2CFAND1150
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	ULXTE-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	The existing transmitter operates as a main /alternate main transmitter pair. The replacement transmitter is also a main /alternate main.

**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	300 kVA

	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KNVO estimated the electrical work cost.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Primary Transmitter- Installation and Proof of Performance	Primary Transmitter- Installation and Proof of Performance
Transmitter Travel Expenses	Per Diem and other expenses associated with transmitter installation
Transmitter Site Survey	Transmitter Site Survey
Primary Transmitter - Distilled Water	Primary Transmitter - Distilled Water
Primary Transmitter - Installation	Primary Transmitter - Installation

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
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	ATW30H5
	Year	2001

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

Facility ID	Call Sign
28280	KTFV-CD

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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side 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)	1000.0 kW
	Manufacturer	

Model	TFU-22JSC /VP-R C160
Year	2017
Justification for New Antenna	A new antenna is necessary because the existing antenna cannot be retuned to the new channel and is not capable of broadcasting on channel 17.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	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	6 1/8 inches inches

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?	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.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	181.0 kW
	Manufacturer	
	Model	TLP-16M-R
	Year	2017

Justification for New Antenna	Due to structural limitations, KNVO's new main antenna system and KNVO's old main antenna system cannot both be present on the tower at the same time. KNVO will need to broadcast using lower-loading antenna system while the old main antenna is removed.
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Interim Antenna

Other Antenna Costs

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

**Interim
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

**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?	Yes
	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	1131 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
28280	KTFV-CD

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?	Yes
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1131 feet per run
	Justification for New Transmission Line	KNVO's previous waveguide is not capable of operating on the new channel. A new (different sized) waveguide will need to be installed in order to support the new channel.

Primary Transmission Line	Other Transmission Line Expenses Not Listed
Information not provided.	

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1131 feet per run
	Justification for New Transmission Line	The interim antenna will need it's own separate transmission line to operate on as the main antenna transmission line will not be installed prior to the interim antenna's activation.

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

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	Owned
	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?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1051020
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	26° 05' 19.0" N-
	Longitude (NAD83)	098° 03' 45.0" W-
	Overall Structure Height	971.12 feet
	Support Structure Height	971.12 feet
	Ground Elevation Above Mean Sea Level (AMSL)	77.10 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Entravision - Texas Limited Partnership
	Date Constructed	01/01/1997

**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
67188	KVLY	FM
28280	KTFV-CD	DTV

Other Types of Users

Users
49038 KFXV
Fed Border Pat
VTX Comms

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower

Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed
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**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Structural Analysis	Structural Analysis needed once Mapping complete.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	712
	Explanation	KNVO does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the Construction Deadline of March 13, 2020. KNVO will hire an outside firm to ensure a timely and well managed transition.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1

	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	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	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	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A

	Justification	N/A
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Outside Other Professional Services Expenses Not Listed
Professional Services Costs Services not provided.

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Equipment Rental	Forklift rental and other equipment rental needed to accommodate repack

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 ULXTE-90	\$2,459,167.77	\$3,024,444.65		\$1,804,371.39	
Primary Transmitter - Installation	<i>\$114,961.65</i>	\$114,961.65	Please see KNVO 1st Primary Transmitter-Installation Budget Revision Justification Cover Letter	\$0.00	N/A
Primary Transmitter - Distilled Water	<i>\$423.57</i>	\$423.57	Please see KNVO Primary Transmitter Distilled Water Budget Revision Justification Letter	\$423.57	N/A
Transmitter Site Survey	<i>\$7,500.00</i>	\$7,500.00	Please see KNVO Transmitter Site Survey Budget Revision Justification Letter	\$7,500.00	N/A

Transmitter Travel Expenses	\$940.50	\$940.50	Please see attached Smith Broadcast Installation Group, Invoice #Repack Mtg and Smith Broadcast Installation Group KNVO rev 2.3.2020	\$832.50	N/A
Primary Transmitter- Installation and Proof of Performance	\$20,000.00	\$20,000.00	Please see KNVO Primary Transmitter- Installation and Proof of Performance Budget Revision Justification Letter	\$20,000.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$0.00	N/A
Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KNVO estimated the electrical work cost.	\$69,400.53	\$69,400.53	See Estimated Cost Justification KNVO-110- Electrical Work New 1st Primary Transmitter V1	\$15,775.41	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$2,369,516.88	Cost decreased by amount already forwarded for payment on superseded equipment. per GatesAir quotes Q-74348, Q-74405, & Q-78701	\$1,358,948.39	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$21,560.00	per GatesAir quotes Q-74348 & Q-74405	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	\$400,891.52	\$400,891.52	***System Notice: Estimate adjusted and locked because line has been superseded. ***Please see the attached Gatesair JW30004370-1 invoice	\$400,891.52	N/A
Sub-total	\$2,459,167.77	\$3,024,444.65	N/A	\$1,804,371.39	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information	
Description	File Name
Primary Transmitter - Installation	Information not provided.

Primary Transmitter - Distilled Water	Component Description: Sparkletts 1G Distilled Water 6pk Amount: \$423.57
Transmitter Site Survey	Component Description: Site Survey Amount: \$4,500.00 Component Description: Transmitter Amount: \$3,000.00
Transmitter Travel Expenses	Component Description: Transmitter Expenses Amount: \$555.00 Component Description: Travel Amount: \$277.50
Primary Transmitter- Installation and Proof of Performance	Component Description: Engineering Field Services by Chuck Britt Amount: \$20,000.00
5 Ton system	Information not provided.

Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. Based on verbal guidance from local electrical contractors, KNVO estimated the electrical work cost.

Component Description:	Labor
Amount:	\$2,467.35
Component Description:	Labor
Amount:	\$1,450.18
Component Description:	Donna Tower 3- 250 Amp Circuits
Amount:	\$11,857.88
Component Description:	Invoice to be resubmitted per NMI message.
Amount:	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<div data-bbox="722 174 1353 327"> <p>Component Description: "ULXTE-50 Transmitter per Quote Q-74348"</p> <p>Amount: \$400,891.53</p> </div> <div data-bbox="722 436 1308 508"> <p>Component Description: Transmitter</p> <p>Amount: \$958,056.86</p> </div> <div data-bbox="722 616 1362 801"> <p>Component Description: Invoice moved to correct budget category per NMI message.</p> <p>Amount: N/A</p> </div> <div data-bbox="722 911 1347 1061"> <p>Component Description: Invoice to be resubmitted per FCC guidelines.</p> <p>Amount: N/A</p> </div> <div data-bbox="722 1171 1362 1319"> <p>Component Description: Invoice moved to correct budget category.</p> <p>Amount: N/A</p> </div>
Transformer 3 phase/480v - 300 KVA	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<div data-bbox="722 1576 1362 1765"> <p>Component Description: 50% Down payment for New Primary Transmitter</p> <p>Amount: \$400,891.52</p> </div>

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLP-16M-R	\$112,550.00	\$34,376.82		\$34,376.82	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$3,660.04	Dielectric Quote 513481JKT Rev 1 & invoice 432025	\$3,660.04	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$30,716.78	Dielectric Quote 513481JKT Rev 1 & invoice 432025	\$30,716.78	x
Primary Antenna TFU-22JSC /VP-R C160	\$201,598.50	\$202,027.00		\$148,302.00	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,608.50	Dielectric Quote 513317JKT Rev 3 & Invoice 449027	\$10,608.50	N/A
Sweep test of existing antenna	\$6,730.00	\$10,000.00	Chuck Britt and Associates Quote	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	\$159,418.50	\$159,418.50	Dielectric Quote 513317JKT Rev 3 & Invoice 449027	\$137,693.50	N/A
Sub-total	\$314,148.50	\$236,403.82	N/A	\$182,678.82	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information

Description	File Name
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Side mount brackets for high power antennas (if not included in antenna base cost)

Component Description:	KNVO-280-Side-mount Brackets New Interim Antenna
Amount:	\$340.40

Component Description:	KNVO-280-Side-mount Brackets New Interim Antenna
Amount:	\$1,531.80

Component Description:	KNVO-280-Side-mount Brackets New Interim Antenna
Amount:	\$1,531.80

Component Description:	KNVO-280-Side-mount Brackets New Interim Antenna
Amount:	\$256.04

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<div> Component Description: ANTENNA - UHF SIDE MOUNT </div> <div> Amount: \$2,856.80 </div>
	<div> Component Description: OTHER - FREIGHT, SHIPPING, AND HANDLING PAF VAN DELIVERY </div> <div> Amount: \$2,148.78 </div>
	<div> Component Description: Antenna - UHF side mount; Other standard TLP antenna side mount; Flexible transmission line; etc. </div> <div> Amount: \$12,855.60 </div>
	<div> Component Description: Antenna - UHF side mount; Other standard TLP antenna side mount; Flexible transmission line; etc. </div> <div> Amount: \$12,855.60 </div>
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="691 109 1114 286"> <p>Component Description:</p> </td><td data-bbox="1114 109 1428 286"> <p>KNVO-210-Elbow Complex New Primary Antenna</p> </td></tr> <tr> <td data-bbox="691 286 1114 398"> <p>Amount:</p> </td><td data-bbox="1114 286 1428 398"> <p>\$310.50</p> </td></tr> <tr> <td data-bbox="691 398 1114 757"> <p>Component Description:</p> </td><td data-bbox="1114 398 1428 757"> <p>"OTHER 6-1/8"" EIA ELBOW COMPLEX. INCLUDES ENGINEERING DESIGN, FACTORY OPTIMIZATION"</p> </td></tr> <tr> <td data-bbox="691 757 1114 846"> <p>Amount:</p> </td><td data-bbox="1114 757 1428 846"> <p>\$10,298.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>KNVO-210-Elbow Complex New Primary Antenna</p>	<p>Amount:</p>	<p>\$310.50</p>	<p>Component Description:</p>	<p>"OTHER 6-1/8"" EIA ELBOW COMPLEX. INCLUDES ENGINEERING DESIGN, FACTORY OPTIMIZATION"</p>	<p>Amount:</p>	<p>\$10,298.00</p>
<p>Component Description:</p>	<p>KNVO-210-Elbow Complex New Primary Antenna</p>								
<p>Amount:</p>	<p>\$310.50</p>								
<p>Component Description:</p>	<p>"OTHER 6-1/8"" EIA ELBOW COMPLEX. INCLUDES ENGINEERING DESIGN, FACTORY OPTIMIZATION"</p>								
<p>Amount:</p>	<p>\$10,298.00</p>								
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>								

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized		
	Component Description:	UHF - HIGH POWER SIDE MOUNT ANTENNA
	Amount:	\$60,052.50
	Component Description:	UHF - HIGH POWER SIDE MOUNT ANTENNA
	Amount:	\$60,052.50
	Component Description:	OTHER - FREIGHT, SHIPPING, AND HANDLING CHAPMAN VAN DELIVERY
	Amount:	\$4,243.50
	Component Description:	RIGID TRANSMISSION LINE - COPPER
	Amount:	\$13,345.00

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
Interim Transmission Line	\$66,729.00	\$46,282.70		\$46,282.70	
Flexible Air Transmission Line - dielectric, 3"	\$66,729.00	\$46,282.70	per Estimated Cost Justification KNVO-380- New Interim Transmission Line V0	\$46,282.70	see submitted invoices
Primary Transmission Line	\$327,990.00	\$220,825.61		\$150,488.36	
Rigid Transmission Line - copper, 7 3 /16"	\$327,990.00	\$220,825.61	Estimated Cost Justification KNVO-310- New Primary Transmission Line V0	\$150,488.36	N/A
Sub-total	\$394,719.00	\$267,108.31	N/A	\$196,771.06	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission
Line - dielectric, 3"

Component Description: KNVO-380-New
Interim
Transmission Line
Amount: \$4,041.93

Component Description: KNVO-380-New
Interim
Transmission Line
Amount: \$3,040.18

Component Description: Myat 401-065 4-1
/16' 50 Ohm
Reducer, to 3 1/8'
Amount: \$2,823.29

Component Description: KNVO-380-New
Interim
Transmission Line
Amount: \$18,188.65

Component Description: KNVO-380-New
Interim
Transmission Line
Amount: \$18,188.65

Rigid Transmission Line -
copper, 7 3/16"

Component Description: FIELD FLANGE
Amount: \$3,744.00

Component Description: XFMR 6-50 / 6-75
UHF 3 ST
Amount: \$1,750.00

Component Description: KNVO-310-New
Primary
Transmission Line
Amount: \$62,229.26

Component Description: FREIGHT,
SHIPPING, AND
HANDLING
Amount: \$911.11

Component Description: KNVO-310-New
Primary
Transmission Line
Amount: \$13,828.73

Component Description: KNVO-310-New
Primary
Transmission Line
Amount: \$62,229.26

Component Description: KNVO-310-New
Primary
Transmission Line
Amount: \$5,796.00

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 TOWER	\$669,800.00	\$734,000.00		\$306,120.94	
Tall Tower (greater than 500')	\$210,500.00	\$297,000.00	HC Jeffries Tower Quotes 061917JS7 and 062817JS3	\$297,000.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$0.00	N/A
Structural Analysis	\$12,000.00	\$12,000.00	N/A	\$809.43	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$8,311.51	N/A
Sub-total	\$669,800.00	\$734,000.00	N/A	\$306,120.94	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	Component Description: For Station KNVO Amount: \$17,432.50
	Component Description: For Station KNVO, Facility ID 28280 : Per Proposal#061917JS7, 50% upon acceptance. Total contract price \$259,000.00 Amount: \$140,183.75
	Component Description: 50% upon acceptance. Amount: \$20,567.50
	Component Description: For Station KNVO Amount: \$64,750.00
	Component Description: Per Proposal#061917JS7 Amount: \$54,066.25
Major tower reinforcement /modifications	Information not provided.
Structural Analysis	Component Description: Broadcast tower structural analysis Amount: \$809.43

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study		
	Component Description:	Tower mapping and prep of docs necessary for tower load study.
	Amount:	\$2,770.50
	Component Description:	Tower mapping and prep of docs necessary for tower load study
	Amount:	\$5,541.01
	Component Description:	Invoices moved to correct budget categories.
	Amount:	N/A
	Component Description:	Invoice moved to correct budget categories
	Amount:	N/A

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	\$185,296.00	\$217,366.65		\$156,554.15	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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	\$0.00	N/A	\$0.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$0.00	N/A	\$0.00	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	\$0.00	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,375.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,062.50	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	N/A	N/A
Project management of the transition	\$112,496.00	\$152,616.65	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$152,616.65	N/A
Sub-total	\$185,296.00	\$217,366.65	N/A	\$156,554.15	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information	
Description	File Name
RF Exposure Measurements	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.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	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	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Prepare Tech. Portion of License App. \$500.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Preparation of the engineering section of FCC Form 2100 \$2,375.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Engineering study work for new channel assignment and antenna development \$1,062.50

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Component Description: Amount:	Project Management \$6,722.25
	Component Description: Amount:	Project Management \$4,533.45
	Component Description: Amount:	Project management \$1,128.15
	Component Description: Amount:	Project Management \$4,929.20
	Component Description: Amount:	Project management \$1,723.35
	Component Description: Amount:	Project Management \$3,541.15
	Component Description: Amount:	Project Management \$6,954.35
	Component Description: Amount:	Project Management \$4,123.20

Component Description:	Project Management
Amount:	\$2,102.35

Component Description:	Project Management
Amount:	\$1,855.35

Component Description:	Project Management
Amount:	\$2,324.65

Component Description:	Project management
Amount:	\$3,697.40

Component Description:	Project Management
Amount:	\$1,680.05

Component Description:	Project management
Amount:	\$6,587.85

Component Description:	Project Management
Amount:	\$3,979.00

Component Description:	Project Management
Amount:	\$2,902.85

Component Description:	Project Management
Amount:	\$4,101.25

Component Description:	Project Management
Amount:	\$3,368.10

Component Description:	Project management
Amount:	\$971.95

Component Description:	Project Management
Amount:	\$4,414.40

Component Description:	Project Management
Amount:	\$1,448.05

Component Description:	Project Management
Amount:	\$2,429.20

Component Description:	Project Management
Amount:	\$1,637.85

Component Description:	Project Management
Amount:	\$5,236.40

Component Description:	Project Management
Amount:	\$5,202.65

Component Description:	Project Management
Amount:	\$2,924.50

Component Description:	Project management
Amount:	\$3,963.75

Component Description:	Project Management
Amount:	\$1,690.50

Component Description:	Project Management
Amount:	\$3,367.85

Component Description:	Project Management
Amount:	\$1,727.35

Component Description:	Project Management
Amount:	\$2,346.80

Component Description:	Project management
Amount:	\$778.60

Component Description:	Project Management
Amount:	\$5,347.00

Component Description:	Project Management
Amount:	\$2,409.20

Component Description:	Project Management
Amount:	\$2,226.90

Component Description:	Project managment
Amount:	\$2,532.45

Component Description:	Project Management
Amount:	\$1,871.30

Component Description:	Project Management
Amount:	\$6,903.85

Component Description:	Project Management
Amount:	\$3,196.65

Component Description:	Project Management
Amount:	\$5,885.15

Component Description:	Project management
Amount:	\$148.20

Component Description:	Project Management
Amount:	\$1,785.05

Component Description:	Project Management
Amount:	\$2,385.60

Component Description:	Project Management
Amount:	\$3,313.65

Component Description:	Project management
Amount:	\$1,884.20

Component Description:	Project Management
Amount:	\$4,943.25

Component Description:	Project Management
Amount:	\$3,390.40

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$99,820.20	\$99,255.20		\$17,417.69	
Equipment Rental	<i>\$6,014.84</i>	\$6,014.84	Please see Estimated Cost Justification KNVO-610-Equipment Rental V1	\$6,014.83	N/A
MVPD Notification of Channel Change	<i>\$500.00</i>	\$500.00	N/A	\$500.00	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
Local Zoning	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,177.50	N/A
Develop and air announcement of upcoming channel change	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$8,725.36	\$8,725.36	Please see Estimated Cost Justification KNVO-610-Equipment Delivery and Handling Charges V1	\$8,725.36	N/A
Sub-total	\$99,820.20	\$99,255.20	N/A	\$17,417.69	N/A
Total for all systems	\$4,122,951.47	\$4,578,578.63	N/A	\$2,663,914.05	N/A

Components

Actual Information Description	File Name
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Equipment Rental	Component Description: Amount:	FORKLIFT VARIABLE REACH \$1,930.96
	Component Description: Amount:	FORKLIFT VARIABLE REACH \$789.26
	Component Description: Amount:	FORKLIFT VARIABLE REACH \$1,350.26
	Component Description: Amount:	Forklift variable reach 6000# \$1,491.26
	Component Description: Amount:	Vendor Credit - Forklift Variable Reach (\$542.38)
	Component Description: Amount:	FORKLIFT VARIABLE REACH \$995.47
MVPD Notification of Channel Change	Component Description: Amount:	MVPD Notification \$500.00
Equipment Storage	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	

Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Medical Notification \$2,177.50
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Component Description: Amount:	FREIGHT AND SHIPPING \$1,560.74
	Component Description: Amount:	Freight and Shipping \$1,593.14
	Component Description: Amount:	FREIGHT, SHIPPING, AND HANDLING \$4,162.50
	Component Description: Amount:	Forklift variable reach 6000 \$1,408.98

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,122,951.47	\$4,578,578.63	\$2,663,914.05

Reimbursement Status

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Manuel Cavazos , III . <i>EVP - Director of Technology</i></p> <p>04/06/2021</p>

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Manuel Cavazos , III . <i>EVP - Director of Technology</i></p> <p>04/06/2021</p>

Attachments