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: **33745** | Service: **DTV** | Call Sign: **KNVN** | Channel: **20 (UHF)**

File Number: **0000027908**

FRN: **0024763385** | Date Submitted: **02/28/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MAXAIR MEDIA, LLC Doing Business As: MAXAIR MEDIA, LLC	101 LAUREN LANE CLINTON, MS 39056 United States	+1 (601) 918-1434	jgersh@ActionNewsNow.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
Ken Rice *Chief Engineer* *California TV, LLC*	Ken Rice 3460 Silverbell Rd Chico, CA 95973 United States	+1 (503) 893-6543	krice@actionnewsnow.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.	No
Briefly describe transition plan	Install new primary transmitter and interim side-mount antenna/line for temporary operation on repack channel 20 while install new primary side-mount antenna/line for permanent repack channel 20 operations. Maintain interim antenna as backup.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	NV7340 E
	Year	2005
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	4.0 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?	No
	Manufacturer	
	Model	ULXTE 12
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	8.5 kW
	Justification for New Transmitter	Current transmitter cannot be re-channeled to meet repack channel assignment and is no longer supported by manufacturer.

Primary Transmitter

Other Transmitter Costs

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

	Length	N/A
	Other Electrical Service	Yes
	Description	Circuit Breaker and equipment to connect to transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

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?	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	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	321.0 kW

Manufacturer	
Model	ATW32H4-HSC-245
Year	1998

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	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)	380.9 kW
	Manufacturer	

	Model	ATW30H4-ESPX-20H
	Year	2017
	Justification for New Antenna	Current antenna cannot be re-tuned for use on repack channel.

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	3 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?	Yes

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	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)	150.0 kW
	Manufacturer	
	Model	ALP24M3-ESPX-20
	Year	2017

	Justification for New Antenna	Interim antenna and transmission line needed to maintain on-air service while new primary antenna and transmission line installed.

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

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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1060 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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1106 feet per run
	Justification for New Transmission Line	New transmission line is required for installation of primary antenna. Repack channel necessitates a change in transmission line segment length.

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	1000 feet per run
	Justification for New Transmission Line	Interim antenna and transmission line needed to maintain on-air service while new primary antenna and transmission line installed.

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	Move Equipment
	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	No
	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	1049183
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 15' 30.6" N-
	Longitude (NAD83)	122° 05' 24.4" W-
	Overall Structure Height	996.71 feet
	Support Structure Height	996.71 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1762.12 feet

Structure Type	LTOWER - Lattice Tower
Tower Owner	California TV, LLC
Date Constructed	01/01/1985

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
82891	KTOR	FM

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

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	reimbursement filing, expense tracking, vendor coordination, progress reporting, budget creation, budget review, budget tracking, daisy-chain monitoring and all other activities
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	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Attorney - Other Services	Outside Professional Services - Attorney - Other Services

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	No
	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	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	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
Other Expenses - Landscape	Site Preparation - Road cleaning to facilitate crew access
Road Repairs	Road repairs required for semi/crew accessibility

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 12	**$521,650.83**	**$348,767.37**		**$331,703.41**	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$344,247.33	Per GatesAir Quote Q-65176	$327,183.42	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$2,919.21	see Estimated Cost Justification KNVN-110-1st Primary Transmitter - Transformer v0	$2,919.21	N/A
Other Electrical Service: Circuit Breaker and equipment to connect to transmitter	***$1,600.83***	$1,600.83	Please see COMB KNVN Dan's Electrical Supply Inv 117639 & 117640 Circuit Breaker et al and Justification Letter	$1,600.78	N/A
Sub-total	$521,650.83	$348,767.37	N/A	$331,703.41	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** **Amount:**	Transmitter, ULXTE-12, Transmitter, ULXTE-12 $106,157.85
	Component Description: **Amount:**	FREIGHT COST $2,001.08
	Component Description: **Amount:**	Device Connections with added SLS Annual Support $1,800.00
	Component Description: **Amount:**	Transmitter, ULXTE-12 $105,252.65
	Component Description: **Amount:**	Transmitter $111,971.84
Transformer 3 phase/480v - 150 KVA	**Component Description:** **Amount:**	KNVN-110-1st Primary Transmitter - Transformer $905.18
	Component Description: **Amount:**	KNVN-110-1st Primary Transmitter - Transformer $2,014.03

Other Electrical Service: Circuit Breaker and equipment to connect to transmitter	**Component Description:**	600VAC 250VDC 3PHASE 150 AMP
	Amount:	$750.75
	Component Description:	CU#1 THHN Wire, # 6 CU THHN BLACK
	Amount:	$850.03

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 ALP24M3-ESPX-20	**$138,240.00**	**$131,400.00**		**$72,701.76**	
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	$103,100.00	$98,000.00	Please see ERI Proposal ERI proposal 20171030-148 REV B	$72,701.76	N/A
Primary Antenna ATW30H4-ESPX-20H	**$269,740.00**	**$263,075.00**		**$145,545.00**	
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	$8,430.00	N/A

Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	$7,600.00	$7,400.00	N/A	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$3,750.00	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	$227,000.00	$222,275.00	Per ERI Quote 20171024-056 Rev B	$133,365.00	N/A
Sub-total	$407,980.00	$394,475.00	N/A	$218,246.76	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name
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)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	**Component Description:** Aux Antenna; ALP24M3-ESPX-20; Transmission Line System **Amount:** $18,927.63 **Component Description:** AUX ANTENNA-ALP24M3-ESPX-20, TRANSMISSION LINE SYSTEM **Amount:** $15,918.87 **Component Description:** AUX ANTENNA **Amount:** $18,927.63 **Component Description:** Aux Antenna **Amount:** $18,927.63
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:**	KNVN Primary Antenna-Side Mount Brackets $4,215.00
	Component Description: **Amount:**	KNVN-210-Primary Antenna - Side Mount Brackets $4,215.00
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	**Component Description:** **Amount:**	KNVN-210-Primary Antenna - Sweep Test $1,875.00
	Component Description: **Amount:**	KNVN Primary Antenna-Sweep Test $1,875.00
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	**Component Description:** **Amount:**	MAIN ANTENNA ATW30H4-ESPX-20H & BRACKETS $66,682.50
	Component Description: **Amount:**	MAIN ANTENNA ATW30H4-ESPX-20H & BRACKETS $66,682.50

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	**$59,000.00**	**$56,000.00**		**$34,559.54**	
Flexible Air Transmission Line - dielectric, 3"	$59,000.00	$56,000.00	N/A	$34,559.54	N/A
Primary Transmission Line	**$223,412.00**	**$180,848.00**		**$97,482.48**	
Rigid Transmission Line - copper, 6 1/8"	$223,412.00	$180,848.00	Per ERI Proposal Number: 20171024-056 Rev B (uploaded to LMS)	$97,482.48	N/A
Sub-total	$282,412.00	$236,848.00	N/A	$132,042.02	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name

Flexible Air Transmission Line - dielectric, 3"	**Component Description:**	KNVN Interim Transmission Line
	Amount:	$8,602.33
	Component Description:	KNVN-380-Interim Transmission Line - Flexible Air, 3"
	Amount:	$8,602.33
	Component Description:	KNVN-380-Interim Transmission Line - Flexible Air, 3"
	Amount:	$8,752.55
	Component Description:	KNVN-380-Interim Transmission Line - Flexible Air, 3"
	Amount:	$8,602.33
Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	KNVN Primary Transmission Line
	Amount:	$48,741.24
	Component Description:	KNVN -Primary Transmission Line
	Amount:	$48,741.24

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	**$210,500.00**	**$286,166.00**		**$180,137.60**	
Tall Tower (greater than 500')	$210,500.00	$286,166.00	see Estimated Cost Justification KNVN-410-Existing Primary Tower - Tower Rigging, Complex Tower v0	$180,137.60	N/A
Sub-total	$210,500.00	$286,166.00	N/A	$180,137.60	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name

Tall Tower (greater than 500')	**Component Description:** **Amount:**	Potty Service $105.00
	Component Description: **Amount:**	KNVN Existing Primary Tower- Tower Rigging $79,521.30
	Component Description: **Amount:**	Weather Days $20,800.00
	Component Description: **Amount:**	KNVN-410- Existing Primary Tower - Tower Rigging, Complex Tower $79,521.30
	Component Description: **Amount:**	Potty Service $85.00
	Component Description: **Amount:**	Potty Service $105.00

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 Cos Justificatio
Outside Professional Services	**$130,950.00**	**$136,530.00**		**$51,133.60**	
Prepare and or review reimbursement form	$2,630.00	$4,375.00	per Estimated Cost Justification KNVN-590-Prepare and_or Review Reimbursement Form v2	$4,375.00	N/A
Attorney - Other Services	***$6,230.00***	$6,230.00	see Estimated Cost Justification KNVN-590-Outside Professional Services - Attorney - Other Services v0	$6,105.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	$1,000.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$475.00	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
Project management of the transition	$94,010.00	$99,675.00	Per Widelity Strategic Quote	$38,369.60	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	$0.00	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), Construction Permit Application	$3,155.00	$3,000.00	N/A	$809.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A

Sub-total	$130,950.00	$136,530.00	N/A	$51,133.60	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name

Prepare and or review reimbursement form	**Component Description:**	KNVN-590-Prepare and/or Review Reimbursement Form
	Amount:	$500.00
	Component Description:	Review, finalize and submit draft Form 399 for KNVN
	Amount:	$500.00
	Component Description:	Exchange e-mails re response to staff request
	Amount:	$250.00
	Component Description:	Review, finalize and submit draft Form 399 for KNVN
	Amount:	$625.00
	Component Description:	Legal Services
	Amount:	$625.00
	Component Description:	Professional Services
	Amount:	$500.00
	Component Description:	Professional Services
	Amount:	$625.00
	Component Description:	Prepare and send e-mail re FCC quarterly reports
	Amount:	$750.00

Attorney - Other Services	**Component Description:** **Amount:**	Legal Services $1,230.00
	Component Description: **Amount:**	Legal Services $1,875.00
	Component Description: **Amount:**	KNVN-590-Outside Professional Services - Attorney - Other Services $125.00
	Component Description: **Amount:**	Legal Services $750.00
	Component Description: **Amount:**	KNVN-590-Outside Professional Services - Attorney - Other Services $250.00
	Component Description: **Amount:**	KNVN-590-Outside Professional Services - Attorney - Other Services $375.00
	Component Description: **Amount:**	Legal Services $1,250.00
	Component Description: **Amount:**	KNVN-590-Outside Professional Services - Attorney - Other Services $250.00

Attorney Fees - Prepare and File request for Special Temporary Authorization	**Component Description:** **Amount:**	Professional Services $1,000.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Consulting Engineer - J, Davis - Hourly (@ $250 /hr) $475.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Project management of the transition	**Component Description:** **Amount:**	Project Management $2,988.20
	Component Description: **Amount:**	Project Management $1,824.75
	Component Description: **Amount:**	Project Management $3,512.90
	Component Description: **Amount:**	Project Management $4,397.90
	Component Description: **Amount:**	Project Management $3,103.95

	Component Description: Project Management **Amount:** $5,598.80 **Component Description:** Project Management **Amount:** $2,842.90 **Component Description:** Project Management **Amount:** $2,277.20 **Component Description:** Project Management **Amount:** $1,993.55 **Component Description:** Project Management **Amount:** $4,419.85 **Component Description:** Project Management **Amount:** $3,326.05 **Component Description:** Cost Reconciliation **Amount:** $2,083.55
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:** **Component Description:** **Amount:**	Legal Services $306.25 KNVN-550-Attorney - Construction Permit Application (Main) $625.00
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Conduct channel study for "maximization" of TV repack facility, work with antenna manufacturer to specify alternate directional antenna pattern $809.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	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 Cost Justification
Other Expenses	**$51,445.44**	**$50,840.44**		**$9,985.04**	
Equipment Storage	***$2,000.00***	$2,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	$190.00	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	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
Equipment Delivery and Handling Charges	***$6,293.80***	$6,293.80	see Estimated Cost Justification KNVN-610-Equipment and Handling v0	$6,293.80	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$2,965.00	N/A

Road Repairs	***$19,425.40***	$19,425.40	Please see KNVN Justification New Category Road Repairs (per Walberg Inc Proposal dated 7/3 /19 & Invoice 5192)	N/A	N/A
Other Expenses - Landscape	***$536.24***	$536.24	Please see the attached invoice from Maxair Media invoice #KR053118	$536.24	N/A
MVPD Notification of Channel Change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Sub-total	$51,445.44	$50,840.44	N/A	$9,985.04	N/A
Total for all systems	$1,604,938.27	$1,453,626.81	N/A	$944,951.83	N/A

Components

Actual Information Description	File Name
Equipment Storage	Information not provided.

FCC Filing Fees - Special Temporary Authorization request	**Component Description:** **Amount:**	Remittance Advice; STA Fee $190.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
Equipment Delivery and Handling Charges	**Component Description:** **Amount:** **Component Description:** **Amount:**	Forklift Variable Reach $3,146.90 Forklift Variable Reach $3,146.90
DTV Medical Facility Notification	**Component Description:** **Amount:**	DTV Notification Service $2,965.00
Road Repairs	**Component Description:** **Amount:**	Repair grading on Tuscan Springs Rd $19,425.40
Other Expenses - Landscape	**Component Description:** **Amount:**	Costco-Genset 2Kw Portable $536.24

MVPD Notification of Channel Change	**Component Description:** **Amount:**	MVPD Notification Service $2,278.00
Develop and air announcement of upcoming channel change	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$1,604,938.27	$1,453,626.81	$944,951.83

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.	**Dan Modisett** *President* 02/28/2020

Attachments