

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **34211** | Service: **DTV** | Call **WKON** | Channel: **24 (UHF)** |
 ID: | Sign:
 File **0000026932**
 Number:
 FRN: **0001790583** | Date **05/01**
 Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KENTUCKY AUTHORITY FOR EDUCATIONAL TV	Shae Hopkins 600	+1 (859)	SHOPKINS@KET.ORG	Government Entity
Doing Business As:	COOPER DR	258-		
KENTUCKY AUTHORITY FOR EDUCATIONAL TV	LEXINGTON, KY 40502	7000		
	United States			

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
Greg Best	Greg Best	+1 (816) 792-	gbconsulting54@gmail.
<i>Greg Best Consulting, Inc.</i>	16100 Outlook Avenue	2913	com
	Stilwell, KS 66085		
	United States		

**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	Please see attached repack plan exhibit.

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	DHD20P1
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	5 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	Maxiva UAXTE-8
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	5 kW
	Justification for New Transmitter	Pre-auction transmitter no longer supported by supplier; not re-tunable.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	50.0 feet
	Other Electrical Service	No

	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other 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

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?	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)	49.7 kW

Manufacturer	
Model	TLP-16B (44)
Year	2001

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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	28.7 kW
	Manufacturer	

Model	ATW18H3-CTO-24H
Year	2017
Justification for New Antenna	Primary antenna is not broadband or able to be tuned to a new channel. New top mount reduces overall repack cost. Please see Repack Plan Exhibit for details.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel

	Feed Line Size	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

**Primary
Transmission Line**

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Flexible Air
	Diameter	4 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	570 feet per run

Primary **New Transmission Line**
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	Flexible Air
	Diameter	4 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	600 feet per run
	Justification for New Transmission Line	Installation of new line makes possible the operation of the current facility while the tower is rigged and the construction of the new facility is underway.

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line

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?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1048215
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 31' 32.0" N-
	Longitude (NAD83)	084° 48' 39.0" W-
	Overall Structure Height	600.71 feet
	Support Structure Height	558.72 feet
	Ground Elevation Above Mean Sea Level (AMSL)	958.32 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	KENTUCKY AUTHORITY FOR EDUCATIONAL TELEVISION DBA = WKON
	Date Constructed	01/01/1968

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:	Minor Reinforcements needed

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
Load Study	Structural engineering tower load study is required to design tower reinforcements and rigging.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	80
	Explanation	KET Staff require outside services to manage the upgrades.
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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes

	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
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
Progress and Transition Reports	progress and transition reports

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	No
	FCC License to Cover Application	No
	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?	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
Internal Labor	FCC reimbursement clerk hired for repack reimbursement ONLY

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 Maxiva UAXTE-8	\$291,700.00	\$277,450.00		\$1,877.13	
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	\$1,514.25	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$225,000.00	N/A	\$362.88	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$2,450.00	N/A	N/A	N/A
Sub-total	\$291,700.00	\$277,450.00	N/A	\$1,877.13	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Actual Information Description	File Name
-----------------------------------	-----------

Service entrance 3 phase /800 amp/208 volt	<table> <tr> <td data-bbox="718 174 1031 210">Component Description:</td><td data-bbox="1163 174 1366 286">KET Transmitter building electrical upgrade</td></tr> <tr> <td data-bbox="718 297 831 333">Amount:</td><td data-bbox="1163 297 1262 333">\$764.25</td></tr> <tr> <td data-bbox="718 434 1031 470">Component Description:</td><td data-bbox="1163 434 1366 546">KET Transmitter building electrical upgrade</td></tr> <tr> <td data-bbox="718 557 831 593">Amount:</td><td data-bbox="1163 557 1262 593">\$700.00</td></tr> <tr> <td data-bbox="718 694 1031 730">Component Description:</td><td data-bbox="1163 694 1366 766">KET transmitter building upgrade</td></tr> <tr> <td data-bbox="718 777 831 813">Amount:</td><td data-bbox="1163 777 1246 813">\$50.00</td></tr> </table>	Component Description:	KET Transmitter building electrical upgrade	Amount:	\$764.25	Component Description:	KET Transmitter building electrical upgrade	Amount:	\$700.00	Component Description:	KET transmitter building upgrade	Amount:	\$50.00
Component Description:	KET Transmitter building electrical upgrade												
Amount:	\$764.25												
Component Description:	KET Transmitter building electrical upgrade												
Amount:	\$700.00												
Component Description:	KET transmitter building upgrade												
Amount:	\$50.00												
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	<table> <tr> <td data-bbox="718 943 1031 978">Component Description:</td><td data-bbox="1163 943 1382 1216">eComm admin and support, distribution services at time of bidding -- GatesAir (RFP-48- 19)</td></tr> <tr> <td data-bbox="718 1227 831 1263">Amount:</td><td data-bbox="1163 1227 1262 1263">\$362.88</td></tr> </table>	Component Description:	eComm admin and support, distribution services at time of bidding -- GatesAir (RFP-48- 19)	Amount:	\$362.88								
Component Description:	eComm admin and support, distribution services at time of bidding -- GatesAir (RFP-48- 19)												
Amount:	\$362.88												
Switchgear - industrial 800 amp	Information not provided.												
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.												

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW18H3-CTO-24H	\$305,800.00	\$250,500.00		\$743.75	
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,100.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$235,000.00	Cost estimate adjusted for reimbursement of horizontal-polarized antenna like the pre-repack primary antenna.	\$743.75	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$305,800.00	\$250,500.00	N/A	\$743.75	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Actual Information	
Description	File Name
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<div> Component Description: Antenna gain and TPO evaluation and revision of specifications Amount: \$306.25 </div> <div> Component Description: Antenna and Line Spec Amount: \$437.50 </div>
Sweep test of existing antenna	Information not provided.

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$44,400.00	\$42,000.00		\$0.00	
Flexible Air Transmission Line - dielectric, 4"	\$44,400.00	\$42,000.00	N/A	N/A	N/A
Sub-total	\$44,400.00	\$42,000.00	N/A	\$0.00	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Information not provided.

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	\$406,800.00	\$552,000.00		\$152,224.55	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$143,184.38	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	\$7,500.00	N/A
Load Study	<i>\$12,000.00</i>	\$12,000.00	Structural engineering tower load study is required to design tower reinforcements and rigging.	\$0.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$365,000.00	KET obtained quotation of realistic scope of tower rigging work from reputable supplier. Please see attached Tower Work exhibit.	\$1,540.17	N/A

Sub-total	\$406,800.00	\$552,000.00	N/A	\$152,224.55	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	Component Description:
	eComm administration and support, distribution services at time of bidding -- Allstate Tower contract
	Amount:
	\$637.50
	Component Description:
	Bid Phase Only - RFB-198-18 billed for rebid distribution services only (Allstate Tower contract)
	Amount:
	\$46.88
	Component Description:
	tower mod
	Amount:
	\$142,500.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<table> <tr> <td data-bbox="708 174 1021 212">Component Description:</td><td data-bbox="1153 174 1340 286">TIA Tower Inspections and Load Audits</td></tr> <tr> <td data-bbox="708 297 821 331">Amount:</td><td data-bbox="1153 297 1273 331">\$1,917.00</td></tr> <tr> <td data-bbox="708 436 1021 474">Component Description:</td><td data-bbox="1153 436 1337 474">Tower Mapping</td></tr> <tr> <td data-bbox="708 477 821 510">Amount:</td><td data-bbox="1153 477 1273 510">\$1,373.00</td></tr> <tr> <td data-bbox="708 616 1021 654">Component Description:</td><td data-bbox="1153 616 1286 687">Foundation Mapping</td></tr> <tr> <td data-bbox="708 694 821 728">Amount:</td><td data-bbox="1153 694 1273 728">\$1,320.02</td></tr> <tr> <td data-bbox="708 833 1021 871">Component Description:</td><td data-bbox="1153 833 1369 871">mapping complete</td></tr> <tr> <td data-bbox="708 873 821 907">Amount:</td><td data-bbox="1153 873 1273 907">\$7,500.00</td></tr> </table>	Component Description:	TIA Tower Inspections and Load Audits	Amount:	\$1,917.00	Component Description:	Tower Mapping	Amount:	\$1,373.00	Component Description:	Foundation Mapping	Amount:	\$1,320.02	Component Description:	mapping complete	Amount:	\$7,500.00
Component Description:	TIA Tower Inspections and Load Audits																
Amount:	\$1,917.00																
Component Description:	Tower Mapping																
Amount:	\$1,373.00																
Component Description:	Foundation Mapping																
Amount:	\$1,320.02																
Component Description:	mapping complete																
Amount:	\$7,500.00																
Load Study	<table> <tr> <td data-bbox="708 1043 1021 1081">Component Description:</td><td data-bbox="1153 1043 1308 1115">Geotechnical Studies</td></tr> <tr> <td data-bbox="708 1122 821 1155">Amount:</td><td data-bbox="1153 1122 1273 1155">\$2,310.00</td></tr> </table>	Component Description:	Geotechnical Studies	Amount:	\$2,310.00												
Component Description:	Geotechnical Studies																
Amount:	\$2,310.00																
Tall Tower (greater than 500')	<table> <tr> <td data-bbox="708 1296 1021 1335">Component Description:</td><td data-bbox="1153 1296 1364 1646">eComm admnistration and support, and distribution services at the time of bidding - Electronics Research Inc contract</td></tr> <tr> <td data-bbox="708 1653 821 1686">Amount:</td><td data-bbox="1153 1653 1273 1686">\$1,540.17</td></tr> </table>	Component Description:	eComm admnistration and support, and distribution services at the time of bidding - Electronics Research Inc contract	Amount:	\$1,540.17												
Component Description:	eComm admnistration and support, and distribution services at the time of bidding - Electronics Research Inc contract																
Amount:	\$1,540.17																

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	\$43,200.00	\$41,250.00		\$7,086.16	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$721.88	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,800.00	N/A
Project management of the transition	\$12,640.00	\$12,000.00	KET Staff require outside services to manage the upgrades.	\$273.28	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,487.50	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

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,123.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$418.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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
Progress and Transition Reports	\$4,000.00	\$4,000.00	Engineering consultant costs not otherwise listed.	\$262.50	N/A
Sub-total	\$43,200.00	\$41,250.00	N/A	\$7,086.16	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Actual Information
Description

File Name

Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="710 174 1013 208">Component Description:</td><td data-bbox="1150 174 1356 244">Linked station neighbor analysis</td></tr> <tr> <td data-bbox="710 255 817 288">Amount:</td><td data-bbox="1150 255 1246 288">\$262.50</td></tr> <tr> <td data-bbox="710 394 1013 427">Component Description:</td><td data-bbox="1150 394 1374 546">Review of site documentation and antennas, facility planning</td></tr> <tr> <td data-bbox="710 557 817 591">Amount:</td><td data-bbox="1150 557 1246 591">\$459.38</td></tr> </table>	Component Description:	Linked station neighbor analysis	Amount:	\$262.50	Component Description:	Review of site documentation and antennas, facility planning	Amount:	\$459.38								
Component Description:	Linked station neighbor analysis																
Amount:	\$262.50																
Component Description:	Review of site documentation and antennas, facility planning																
Amount:	\$459.38																
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td data-bbox="710 725 1013 759">Component Description:</td><td data-bbox="1150 725 1358 878">Hitachi and Gates Response review, new antenna and line specs</td></tr> <tr> <td data-bbox="710 889 817 922">Amount:</td><td data-bbox="1150 889 1246 922">\$525.00</td></tr> <tr> <td data-bbox="710 1028 1013 1061">Component Description:</td><td data-bbox="1150 1028 1366 1135">TV study analysis, antenna spec, transition draft, CP</td></tr> <tr> <td data-bbox="710 1146 817 1180">Amount:</td><td data-bbox="1150 1146 1267 1180">\$1,487.50</td></tr> <tr> <td data-bbox="710 1285 1013 1319">Component Description:</td><td data-bbox="1150 1285 1350 1355">new antenna and line specs</td></tr> <tr> <td data-bbox="710 1366 817 1400">Amount:</td><td data-bbox="1150 1366 1230 1400">\$87.50</td></tr> <tr> <td data-bbox="710 1505 1013 1538">Component Description:</td><td data-bbox="1150 1505 1350 1691">Antenna and transmission line bid spec review and bid response review</td></tr> <tr> <td data-bbox="710 1702 817 1736">Amount:</td><td data-bbox="1150 1702 1246 1736">\$700.00</td></tr> </table>	Component Description:	Hitachi and Gates Response review, new antenna and line specs	Amount:	\$525.00	Component Description:	TV study analysis, antenna spec, transition draft, CP	Amount:	\$1,487.50	Component Description:	new antenna and line specs	Amount:	\$87.50	Component Description:	Antenna and transmission line bid spec review and bid response review	Amount:	\$700.00
Component Description:	Hitachi and Gates Response review, new antenna and line specs																
Amount:	\$525.00																
Component Description:	TV study analysis, antenna spec, transition draft, CP																
Amount:	\$1,487.50																
Component Description:	new antenna and line specs																
Amount:	\$87.50																
Component Description:	Antenna and transmission line bid spec review and bid response review																
Amount:	\$700.00																

Project management of the transition	Component Description: project management tasks Amount: \$87.50
	Component Description: project management Amount: \$87.50
	Component Description: travel expenses Amount: \$10.78
	Component Description: Project management tasks Amount: \$43.75
	Component Description: project management Amount: \$43.75
Prepare and or review reimbursement form	Component Description: 399 input and support Amount: \$1,400.00
	Component Description: 399 input and support Amount: \$87.50
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Progress and Transition Reports		
	Component Description:	quarterly reports
	Amount:	\$87.50
	Component Description:	quarterly reports
	Amount:	\$175.00

Cost
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$19,050.00	\$12,500.00		\$164.70	
Internal Labor	\$2,000.00	\$2,000.00	N/A	\$164.70	N/A
MVPD Notification of Channel Change	\$1,500.00	\$1,500.00	KET estimate to search for and notify all cable companies.	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	KET estimate for developing and airing announcement.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	GBC estimate based on known quotations	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,000.00	\$2,000.00	KET estimate based on known costs.	N/A	N/A
Equipment Storage	\$500.00	\$500.00	GBC estimate	N/A	N/A
Sub-total	\$19,050.00	\$12,500.00	N/A	\$164.70	N/A
Total for all systems	\$1,110,950.00	\$1,175,700.00	N/A	\$162,096.29	N/A

Components

Actual Information	
Description	File Name

Internal Labor	Component Description: payroll expenses Amount: for internal labor \$34.51
	Component Description: payroll expenses Amount: for internal labor \$71.75
	Component Description: payroll expenses Amount: for internal labor \$58.44
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
DTV Medical Facility Notification	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Equipment Storage	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,110,950.00	\$1,175,700.00	\$162,096.29

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>Shae Hopkins <i>Executive Director</i></p> <p>05/01/2019</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>Shae Hopkins <i>Executive Director</i></p> <p>05/01/2019</p>

Attachments