



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **34212** | Service: **DTV** | Call **WKMA-TV** | Channel: **31 (UHF)** |
ID:
File **0000026900**
Number:
FRN: **0001790583** | Date **02/28**
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 <i>Greg Best Consulting, Inc.</i>	Greg Best 16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792-2913	gbconsulting54@gmail.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	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)	55.1 kW

Manufacturer	
Model	TLP-24B (42)
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?	No
	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	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)	36.7 kW
	Manufacturer	

Model	ATW22H3-CTO-31H
Year	2001
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	6 1/8 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	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	966 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	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	45 feet per run
	Justification for New Transmission Line	Short run of new line to cover distance from current side-mount elevation to new top-mount location.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Interim Run	115ft of 4in-50 Ohm to span the difference between backup line and current side-mount antenna location.

**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	1044021
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 11' 21.0" N-
	Longitude (NAD83)	087° 30' 49.0" W-
	Overall Structure Height	997.04 feet
	Support Structure Height	949.14 feet
	Ground Elevation Above Mean Sea Level (AMSL)	551.50 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	KENTUCKY AUTHORITY FOR EDUCATIONAL TELEVISION DBA = WKMA TV
	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:	Serious 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 reporting

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
	Information not provided.

Cost
Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter Maxiva UAXTE-8	\$291,700.00	\$277,450.00		\$362.88	
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$225,000.00	N/A	\$362.88	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$2,450.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Sub-total	\$291,700.00	\$277,450.00	N/A	\$362.88	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	N/A

Components

Actual Information	
Description	File Name

UHF - Air Cooled Solid State Transmitter 4 - 6 kW	<p>Component Description: eComm admin and support, distribution services at time of bidding -- GatesAir (RFP-48-19)</p> <p>Amount: \$362.88</p>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
Service entrance 3 phase /800 amp/208 volt	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 ATW22H3- CTO-31H	\$266,030.00	\$259,500.00		\$306.25	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$12,800.00	Transition requires two sweeps of transmission equipment. Please see attached Repack Plan Exhibit for details.	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	\$306.25	N/A
Sub-total	\$266,030.00	\$259,500.00	N/A	\$306.25	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	N/A

Components

Actual Information	
Description	File Name
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<div><div>Component Description:</div><div>Amount:</div></div> <div>Antenna gain and TPO evaluation and revision of specifications \$306.25</div>

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	\$18,490.00	\$17,995.00		\$0.00	
Interim Run	<i>\$8,050.00</i>	\$8,050.00	115ft at \$70 per ft. Extends current backup transmission line with similar (4in flexible cable) line.	N/A	N/A
Rigid Transmission Line - copper, 6 1/8" broadband	\$10,440.00	\$9,945.00	N/A	N/A	N/A
Sub-total	\$18,490.00	\$17,995.00	N/A	\$0.00	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	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	\$1,300,800.00	\$1,228,000.00		\$9,144.57	
Tall Tower (greater than 500')	\$210,500.00	\$441,000.00	KET obtained quotation of realistic scope of tower rigging work from reputable supplier. Please see attached Tower Work exhibit.	\$1,540.17	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$750,000.00	KET obtained estimate of tower modification work from Neel-Schaffer.	\$684.38	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.	\$2,310.00	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	\$4,610.02	N/A
Sub-total	\$1,300,800.00	\$1,228,000.00	N/A	\$9,144.57	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	N/A

Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	<p>Component Description: eComm administration and support, and distribution services at the time of bidding - Electronics Research Inc contract</p> <p>Amount: \$1,540.17</p>

<p>Serious tower reinforcement /modifications</p>	<table> <tr> <td data-bbox="711 100 1023 450">Component Description:</td><td data-bbox="1027 100 1428 450"> Bid Phase Only - RFB-198-18 billed for rebid distribution services only (Allstate Tower contract) </td></tr> <tr> <td data-bbox="711 456 1023 495">Amount:</td><td data-bbox="1027 456 1428 495">\$46.88</td></tr> <tr> <td data-bbox="711 591 1023 869">Component Description:</td><td data-bbox="1027 591 1428 869"> eComm administration and support, distribution services at time of bidding -- Allstate Tower contract </td></tr> <tr> <td data-bbox="711 875 1023 913">Amount:</td><td data-bbox="1027 875 1428 913">\$637.50</td></tr> </table>	Component Description:	Bid Phase Only - RFB-198-18 billed for rebid distribution services only (Allstate Tower contract)	Amount:	\$46.88	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:	eComm administration and support, distribution services at time of bidding -- Allstate Tower contract												
Amount:	\$637.50												
<p>Load Study</p>	<table> <tr> <td data-bbox="711 972 1023 1115">Component Description:</td><td data-bbox="1027 972 1428 1115"> Geotechnical Studies </td></tr> <tr> <td data-bbox="711 1122 1023 1160">Amount:</td><td data-bbox="1027 1122 1428 1160">\$2,310.00</td></tr> </table>	Component Description:	Geotechnical Studies	Amount:	\$2,310.00								
Component Description:	Geotechnical Studies												
Amount:	\$2,310.00												
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<table> <tr> <td data-bbox="711 1225 1023 1451">Component Description:</td><td data-bbox="1027 1225 1428 1451"> TIA Tower Inspections and Load Audits </td></tr> <tr> <td data-bbox="711 1413 1023 1451">Amount:</td><td data-bbox="1027 1413 1428 1451">\$1,917.00</td></tr> <tr> <td data-bbox="711 1547 1023 1666">Component Description:</td><td data-bbox="1027 1547 1428 1666"> Foundation Mapping </td></tr> <tr> <td data-bbox="711 1628 1023 1666">Amount:</td><td data-bbox="1027 1628 1428 1666">\$1,320.02</td></tr> <tr> <td data-bbox="711 1762 1023 1845">Component Description:</td><td data-bbox="1027 1762 1428 1845"> Tower Mapping </td></tr> <tr> <td data-bbox="711 1807 1023 1845">Amount:</td><td data-bbox="1027 1807 1428 1845">\$1,373.00</td></tr> </table>	Component Description:	TIA Tower Inspections and Load Audits	Amount:	\$1,917.00	Component Description:	Foundation Mapping	Amount:	\$1,320.02	Component Description:	Tower Mapping	Amount:	\$1,373.00
Component Description:	TIA Tower Inspections and Load Audits												
Amount:	\$1,917.00												
Component Description:	Foundation Mapping												
Amount:	\$1,320.02												
Component Description:	Tower Mapping												
Amount:	\$1,373.00												

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 Cost Justification
Outside Professional Services	\$43,200.00	\$41,250.00		\$6,549.87	
Progress and Transition Reports	<i>\$4,000.00</i>	\$4,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$370.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,433.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,275.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$721.87	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,575.00	N/A
Project management of the transition	\$12,640.00	\$12,000.00	KET Staff require outside services to manage the upgrades.	\$175.00	N/A
Sub-total	\$43,200.00	\$41,250.00	N/A	\$6,549.87	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	N/A

Components

Actual Information
Description

File Name

Progress and Transition Reports	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.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:	First Installment
	Amount:	\$49.50
	Component Description:	Second Installment
	Amount:	\$320.50
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	First Installment
	Amount:	\$99.00
	Component Description:	Fourth Installment
	Amount:	\$99.00
	Component Description:	Second Installment
	Amount:	\$839.00
	Component Description:	Third Installment
	Amount:	\$396.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td data-bbox="710 168 1013 212">Component Description:</td><td data-bbox="1149 168 1364 369">Hitachi and GatesAir response review, new antenna and line specs</td></tr> <tr> <td data-bbox="710 369 821 414">Amount:</td><td data-bbox="1149 369 1244 414">\$525.00</td></tr> <tr> <td data-bbox="710 504 1013 548">Component Description:</td><td data-bbox="1149 504 1364 593">new antenna and line specs</td></tr> <tr> <td data-bbox="710 593 821 638">Amount:</td><td data-bbox="1149 593 1236 638">\$87.50</td></tr> <tr> <td data-bbox="710 728 1013 772">Component Description:</td><td data-bbox="1149 728 1364 929">Antenna and transmission line bid spec review and bid response review</td></tr> <tr> <td data-bbox="710 929 821 974">Amount:</td><td data-bbox="1149 929 1244 974">\$700.00</td></tr> <tr> <td data-bbox="710 1064 1013 1108">Component Description:</td><td data-bbox="1149 1064 1364 1198">TV study analysis, antenna spec, transition draft, CP</td></tr> <tr> <td data-bbox="710 1198 821 1243">Amount:</td><td data-bbox="1149 1198 1244 1243">\$962.50</td></tr> </table>	Component Description:	Hitachi and GatesAir response review, new antenna and line specs	Amount:	\$525.00	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:	TV study analysis, antenna spec, transition draft, CP	Amount:	\$962.50
Component Description:	Hitachi and GatesAir response review, new antenna and line specs																
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Amount:	\$962.50																
Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="710 1355 1013 1400">Component Description:</td><td data-bbox="1149 1355 1364 1444">Linked station neighbor analysis</td></tr> <tr> <td data-bbox="710 1444 821 1489">Amount:</td><td data-bbox="1149 1444 1244 1489">\$262.50</td></tr> <tr> <td data-bbox="710 1579 1013 1624">Component Description:</td><td data-bbox="1149 1579 1364 1736">Review of site documentation and antennas, facility planning</td></tr> <tr> <td data-bbox="710 1736 821 1780">Amount:</td><td data-bbox="1149 1736 1244 1780">\$459.37</td></tr> </table>	Component Description:	Linked station neighbor analysis	Amount:	\$262.50	Component Description:	Review of site documentation and antennas, facility planning	Amount:	\$459.37								
Component Description:	Linked station neighbor analysis																
Amount:	\$262.50																
Component Description:	Review of site documentation and antennas, facility planning																
Amount:	\$459.37																

Prepare and or review reimbursement form	<table> <tr> <td data-bbox="708 174 1015 208">Component Description:</td><td data-bbox="1150 174 1310 246">399 input and support</td></tr> <tr> <td data-bbox="708 257 815 291">Amount:</td><td data-bbox="1150 257 1267 291">\$1,400.00</td></tr> <tr> <td data-bbox="708 398 1015 432">Component Description:</td><td data-bbox="1150 398 1374 432">Second Installment</td></tr> <tr> <td data-bbox="708 436 815 470">Amount:</td><td data-bbox="1150 436 1246 470">\$175.00</td></tr> <tr> <td data-bbox="708 577 1015 611">Component Description:</td><td data-bbox="1150 577 1337 611">First Installment</td></tr> <tr> <td data-bbox="708 616 815 649">Amount:</td><td data-bbox="1150 616 1267 649">\$1,400.00</td></tr> <tr> <td data-bbox="708 757 1015 790">Component Description:</td><td data-bbox="1150 757 1318 864">Form 399 Response and Support</td></tr> <tr> <td data-bbox="708 875 815 909">Amount:</td><td data-bbox="1150 875 1246 909">\$175.00</td></tr> </table>	Component Description:	399 input and support	Amount:	\$1,400.00	Component Description:	Second Installment	Amount:	\$175.00	Component Description:	First Installment	Amount:	\$1,400.00	Component Description:	Form 399 Response and Support	Amount:	\$175.00
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Project management of the transition	<table> <tr> <td data-bbox="708 1048 1015 1081">Component Description:</td><td data-bbox="1150 1048 1370 1120">Project management tasks</td></tr> <tr> <td data-bbox="708 1126 815 1160">Amount:</td><td data-bbox="1150 1126 1230 1160">\$43.75</td></tr> <tr> <td data-bbox="708 1267 1015 1301">Component Description:</td><td data-bbox="1150 1267 1305 1339">project management</td></tr> <tr> <td data-bbox="708 1346 815 1379">Amount:</td><td data-bbox="1150 1346 1230 1379">\$43.75</td></tr> <tr> <td data-bbox="708 1487 1015 1520">Component Description:</td><td data-bbox="1150 1487 1305 1559">project management</td></tr> <tr> <td data-bbox="708 1565 815 1599">Amount:</td><td data-bbox="1150 1565 1230 1599">\$87.50</td></tr> </table>	Component Description:	Project management tasks	Amount:	\$43.75	Component Description:	project management	Amount:	\$43.75	Component Description:	project management	Amount:	\$87.50				
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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	\$17,050.00	\$10,500.00		\$0.00	
MVPD Notification of Channel Change	<i>\$1,500.00</i>	\$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	<i>\$1,500.00</i>	\$1,500.00	KET estimate for developing and airing announcement.	N/A	N/A
Equipment Storage	<i>\$500.00</i>	\$500.00	GBC estimate	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$2,000.00</i>	\$2,000.00	KET estimate based on known costs.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	GBC estimate based on known quotations	N/A	N/A
Sub-total	\$17,050.00	\$10,500.00	N/A	\$0.00	N/A
Total for all systems	\$1,937,270.00	\$1,834,695.00	N/A	\$16,363.57	N/A

Components

Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,937,270.00	\$1,834,695.00	\$16,363.57

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.

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.

**Shae
Hopkins**
*Executive
Director*

02/28/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>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).</p>	
		<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>02/28/2019</p>

Attachments