



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **18780** | Service: **DTV** | Call **WHLA-TV** | Channel: **15 (UHF)** |
ID: | Sign:
File **0000026938**
Number:
FRN: **0002711455** | Date **10/26**
Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD Doing Business As: STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD	Stephen Bauder 3319 W. BELTLINE HWY. MADISON, WI 53713 United States	+1 (608) 264- 9746	steve. bauder@wi. gov	Government Entity

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
The Preparer is same as the reimbursement contact.			

**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 temporary mask filter, antenna and line to facilitate continued operation on existing channel during transition. Replace transmitter and main antenna/line.

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	Diamond DHD60P2
	Year	2002
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	15.0 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	TMU9
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	16.5 kW
	Justification for New Transmitter	The existing Harris Diamond transmitter, which currently operates on channel 30, cannot be modified to perform correctly on channel 15.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A

	Rigid Conduit and Wiring	Yes
	Size	2.5 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Re-locate and re-wire existing 100kVA UPS to feed new transmitter. Install temporary service to feed existing transmitter to facilitate use of existing service to feed new transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Temporary Mask Filter	Facilitates removal of existing floor-mounted filter/N-1 combiner to make room for the new transmitter

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?	No
	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	Top 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)	307.5 kW

Manufacturer	
Model	ATW25H3- HTOU-31-H
Year	2002

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)	218.0 kW
	Manufacturer	

Model	ATW20H3-ETO-15H
Year	2018
Justification for New Antenna	Existing antenna will not function on new channel. Incremental cost associated with 15% elliptical polarization of new antenna to be borne entirely by licensee.

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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	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

Name	Description
Temporary Antenna	Required for continued operation between the time the main antenna is removed /replaced and commencement of operations on the new channel/antenna.

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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Other
	Other Segment Length	19.333 feet
	Number of parallel runs	0
	Length	875 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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	875 feet per run
	Justification for New Transmission Line	Existing line length will not support operation on new channel.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Temporary line	Feeds temporary antenna.
Transmissionline adapters	Required to connect interim antenna system to transmitter

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1024862
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	43° 48' 18.3" N-
	Longitude (NAD83)	091° 22' 05.1" W-
	Overall Structure Height	824.14 feet
	Support Structure Height	772.63 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1215.86 feet

	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	State of Wisconsin - Educational Communications Board
	Date Constructed	10/01/2002

**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
63055	WHLA	FM
4327	WLSU	FM

Other Types of Users

Users
WI State Patrol
WI DNR
NOAA WX Radio
MN State Patrol
Ambulance Fire

**Primary
Tower**

Tower Modification Costs

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

Tower Reinforcements	Please select whether tower reinforcements are needed:	No 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

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	2
	Justification	Consulting services related to the design, coordination and planning of tower and in-building RF work.

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Services not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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?	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
	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 TMU9	\$833,160.67	\$535,044.29		\$504,123.78	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$471,803.55	N/A	\$471,803.55	N/A
2.5" Rigid Conduit and Wiring	<i>\$7,500.00</i>	\$7,500.00	N/A	\$6,574.56	N/A
Other Electrical Service: Re-locate and re-wire existing 100kVA UPS to feed new transmitter. Install temporary service to feed existing transmitter to facilitate use of existing service to feed new transmitter.	<i>\$29,994.00</i>	\$29,994.00	Re-locate and re-wire existing 100kVA UPS to feed new transmitter. Install temporary service to feed existing transmitter to facilitate use of existing service to feed new transmitter.	N/A	N/A

25 Ton system	\$91,500.00	\$5,580.07	Heat load was reduced sufficiently to eliminate the need to replace air conditioning. All that was needed was removal of one air conditioner to open outdoor pad space for a heat exchanger, and blocking the return /supply openings	\$5,579.00	original component could not be edited or deleted, duplicate components
Temporary Mask Filter	\$20,166.67	\$20,166.67	N/A	\$20,166.67	N/A
Sub-total	\$833,160.67	\$535,044.29	N/A	\$504,123.78	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<div> Component Description: Transmitter initial payment, fifth attempt. Amount: \$117,950.89 </div> <div> Component Description: Transmitter final payment Amount: \$353,852.66 </div>

2.5" Rigid Conduit and Wiring	<div data-bbox="722 174 1361 369"> <p>Component Description: First phase of electrical service installation for new transmitter</p> <p>Amount: \$4,500.00</p> </div> <div data-bbox="722 474 1370 669"> <p>Component Description: Final phase of electrical for WHLA transmitter installation.</p> <p>Amount: \$2,074.56</p> </div>
Other Electrical Service: Re-locate and re-wire existing 100kVA UPS to feed new transmitter. Install temporary service to feed existing transmitter to facilitate use of existing service to feed new transmitter.	Information not provided.
25 Ton system	<div data-bbox="722 1160 1377 1433"> <p>Component Description: remove HVAC unit, block opening. This should be the only HVAC-related expenditure</p> <p>Amount: \$5,580.07</p> </div> <div data-bbox="722 1538 1370 1733"> <p>Component Description: Remove air conditioner, cover openings. Sixth attempt</p> <p>Amount: \$5,579.00</p> </div>

Temporary Mask Filter		
	Component Description:	First payment for temporary mask filter
	Amount:	\$9,085.00
	Component Description:	Final payment including shipping for temporary mask filter
	Amount:	\$11,081.67

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 ATW20H3- ETO-15H	\$375,903.35	\$304,673.35		\$271,433.75	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$225,000.00	incremental costs associated with the addition of elliptical polarization will be borne entirely by licensee.	\$191,760.40	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A

Temporary Antenna	\$79,673.35	\$79,673.35	temporary antenna and line costs are on a single invoice. FCC reimbursement staff has advised duplicate invoices will not be accepted for separate expenses, so both antenna and line costs are being claimed in the antenna category.	\$79,673.35	temporary line and associated shipping costs are aggregated into claims for invoice #'s 123005 and 196018A and have been removed from temporary line components
Sub-total	\$375,903.35	\$304,673.35	N/A	\$271,433.75	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information	
Description	File Name

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="702 168 1018 212">Component Description:</td><td data-bbox="1145 168 1375 571"> 30% of WHLA ANTENNA SYSTEM costs as invoiced. Line is on same invoice but reimbursement will be requested separately. See ERI quote 20171106-241 </td></tr> <tr> <td data-bbox="702 571 817 616">Amount:</td><td data-bbox="1145 571 1283 616">\$60,900.00</td></tr> <tr> <td data-bbox="702 705 1018 750">Component Description:</td><td data-bbox="1145 705 1359 817"> 30% deposit with antenna order per terms </td></tr> <tr> <td data-bbox="702 817 817 862">Amount:</td><td data-bbox="1145 817 1283 862">\$60,900.00</td></tr> <tr> <td data-bbox="702 952 1018 996">Component Description:</td><td data-bbox="1145 952 1375 1512"> See cover letter: Antenna/line split approximately 60 /40, invoice total after deducting \$15,500 elliptical equals \$116,600.66, of which 60 percent equals \$69,960.40. See corresponding transmission line reimbursement request </td></tr> <tr> <td data-bbox="702 1512 817 1556">Amount:</td><td data-bbox="1145 1512 1283 1556">\$69,960.40</td></tr> </table>	Component Description:	30% of WHLA ANTENNA SYSTEM costs as invoiced. Line is on same invoice but reimbursement will be requested separately. See ERI quote 20171106-241	Amount:	\$60,900.00	Component Description:	30% deposit with antenna order per terms	Amount:	\$60,900.00	Component Description:	See cover letter: Antenna/line split approximately 60 /40, invoice total after deducting \$15,500 elliptical equals \$116,600.66, of which 60 percent equals \$69,960.40. See corresponding transmission line reimbursement request	Amount:	\$69,960.40
Component Description:	30% of WHLA ANTENNA SYSTEM costs as invoiced. Line is on same invoice but reimbursement will be requested separately. See ERI quote 20171106-241												
Amount:	\$60,900.00												
Component Description:	30% deposit with antenna order per terms												
Amount:	\$60,900.00												
Component Description:	See cover letter: Antenna/line split approximately 60 /40, invoice total after deducting \$15,500 elliptical equals \$116,600.66, of which 60 percent equals \$69,960.40. See corresponding transmission line reimbursement request												
Amount:	\$69,960.40												
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>												

Temporary Antenna

Component Description:

See cover letter and spreadsheet. This claim aggregates the remaining balances for the temporary antenna, line, and sweep as explained in the cover letter

Amount:

\$6,400.00

Component Description:

This component aggregates all temporary antenna, temporary line, and shipping charges referenced on invoice 123005.

Amount:

\$50,177.10

Component Description:

As invoiced, 45% of antenna and initial sweep costs, line costs claimed separately

Amount:

\$23,096.25

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	\$211,292.78	\$202,542.78		\$154,457.56	
Transmissionline adapters	<i>\$17,258.00</i>	\$17,258.00	Required for various configurations of existing /new transmitter, main /temporary antenna, and temporary /new mask filter.	\$16,731.38	N/A
Rigid Transmission Line - copper, 6 1/8"	\$176,750.00	\$168,000.00	Existing 8 3 /16" line length will not work on new channel. Line must be replaced, electing to reduce line size to 6 1/8" to preserver tower loading.	\$120,441.40	N/A

Temporary line	\$17,284.78	\$17,284.78	A portion of the temporary line costs are being claimed in the temporary antenna category to avoid submission of duplicate invoices. Thus, the estimated line costs category is significantly reduced.	\$17,284.78	N/A
Sub-total	\$211,292.78	\$202,542.78	N/A	\$154,457.56	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information
Description

File Name

Transmissionline adapters

Component Description: Needed to adapt ERI transmission line inner to Dielectric transmission line inner

Amount: \$569.92

Component Description: RF Adapter for interim system

Amount: \$763.17

Component Description: connectors, anchor insulators, and hardware used to finalize interim antenna installation, added quote 8/17 per reviewer request

Amount: \$2,242.18

Component Description: RF Line parts for temporary and permanent antennas

Amount: \$13,156.11

Rigid Transmission Line -
copper, 6 1/8"

Component Description: 30% payment with
order for
transmission line
per terms

Amount: \$36,900.57

Component Description: 30% of
transmission line
system. See ERI
quote 20171106-
241

Amount: \$36,900.57

Component Description: See cover letter:
Antenna/line split
approximately 60
/40, invoice total
after deducting
\$15,500 elliptical
equals
\$116,600.66, of
which 40 percent
equals \$46,640.26.
See corresponding
antenna
reimbursement
request

Amount: \$46,640.26

Temporary line	Component Description:		This component has been aggregated into the temporary antenna component related to the same invoice. This component may be deleted
	Amount:		
	Component Description:		Unable to delete this component. This component may be deleted
	Amount:		
	Component Description:		As invoiced, 45% of line costs
	Amount:		

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 GTOWER	\$223,100.00	\$212,000.00		\$170,870.00	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$166,370.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,500.00	N/A
Sub-total	\$223,100.00	\$212,000.00	N/A	\$170,870.00	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	<div>Component Description: Tower King II third of four payments for repack tower work</div> <div>Amount: \$39,967.50</div>

Component Description:	Engineer of Record rigging plan review, second attempt with explanation of full payment instead of 50% per quote terms
Amount:	\$4,500.00

Component Description:	Initial payment for tower work, including main antenna and line replacement, and interim antenna and line installation.
Amount:	\$39,967.50

Component Description:	TKII, second of four payments for repack tower work
Amount:	\$39,967.50

Component Description:	Final payment for tower work
Amount:	\$39,967.50

Component Description:	Third party, post- construction inspection of all repack-related tower work. Added itemized vendor quote 8/17/18 per reviewer request
Amount:	\$2,000.00

Structural engineering tower load study for well documented tower	<table><tr><td data-bbox="708 174 1023 210">Component Description:</td><td data-bbox="1158 174 1374 244">Structural Analysis of WHLA tower</td></tr><tr><td data-bbox="708 255 826 291">Amount:</td><td data-bbox="1158 255 1275 291">\$4,500.00</td></tr></table>	Component Description:	Structural Analysis of WHLA tower	Amount:	\$4,500.00
Component Description:	Structural Analysis of WHLA tower				
Amount:	\$4,500.00				

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	\$31,080.00	\$24,750.00		\$5,012.50	
Additional Field Engineering Service, 2 Days	<i>\$3,000.00</i>	\$3,000.00	2 days x \$1500/day	\$337.50	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$0.00	Early transition STA costs were higher than anticipated
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	\$3,000.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$925.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,500.00	N/A	\$750.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$31,080.00	\$24,750.00	N/A	\$5,012.50	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 2 Days	<p>Component Description: Portion of invoice related to WHLA RF consulting</p> <p>Amount: \$337.50</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.

<p>Prepare request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="702 174 1015 210">Component Description:</td><td data-bbox="1147 174 1326 248">Early transition STA request</td></tr> <tr> <td data-bbox="702 255 815 291">Amount:</td><td data-bbox="1147 255 1267 291">\$1,250.00</td></tr> <tr> <td data-bbox="702 394 1015 430">Component Description:</td><td data-bbox="1147 394 1366 510">Pop analysis necessary for STA prep</td></tr> <tr> <td data-bbox="702 517 815 553">Amount:</td><td data-bbox="1147 517 1246 553">\$450.00</td></tr> </table>	Component Description:	Early transition STA request	Amount:	\$1,250.00	Component Description:	Pop analysis necessary for STA prep	Amount:	\$450.00
Component Description:	Early transition STA request								
Amount:	\$1,250.00								
Component Description:	Pop analysis necessary for STA prep								
Amount:	\$450.00								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="702 880 1015 916">Component Description:</td><td data-bbox="1147 880 1378 1070">portion of invoice related to prep of engineering section of CP application for new channel</td></tr> <tr> <td data-bbox="702 1077 815 1113">Amount:</td><td data-bbox="1147 1077 1267 1113">\$3,000.00</td></tr> </table>	Component Description:	portion of invoice related to prep of engineering section of CP application for new channel	Amount:	\$3,000.00				
Component Description:	portion of invoice related to prep of engineering section of CP application for new channel								
Amount:	\$3,000.00								

<p>Prepare and or review reimbursement form</p>	<table> <tr> <td data-bbox="702 174 1018 208">Component Description:</td><td data-bbox="1147 174 1366 286">Repack channel change mod work; review form 399</td></tr> <tr> <td data-bbox="702 297 815 331">Amount:</td><td data-bbox="1147 297 1246 331">\$300.00</td></tr> <tr> <td data-bbox="702 432 1018 465">Component Description:</td><td data-bbox="1147 432 1356 544">Review form 399; review expense justifications</td></tr> <tr> <td data-bbox="702 555 815 589">Amount:</td><td data-bbox="1147 555 1246 589">\$375.00</td></tr> <tr> <td data-bbox="702 689 1018 723">Component Description:</td><td data-bbox="1147 689 1377 801">Review form 387 and reimbursement allocations</td></tr> <tr> <td data-bbox="702 813 815 846">Amount:</td><td data-bbox="1147 813 1246 846">\$100.00</td></tr> <tr> <td data-bbox="702 947 1018 981">Component Description:</td><td data-bbox="1147 947 1334 1025">Review of Form 1876</td></tr> <tr> <td data-bbox="702 1037 815 1070">Amount:</td><td data-bbox="1147 1037 1246 1070">\$150.00</td></tr> </table>	Component Description:	Repack channel change mod work; review form 399	Amount:	\$300.00	Component Description:	Review form 399; review expense justifications	Amount:	\$375.00	Component Description:	Review form 387 and reimbursement allocations	Amount:	\$100.00	Component Description:	Review of Form 1876	Amount:	\$150.00
Component Description:	Repack channel change mod work; review form 399																
Amount:	\$300.00																
Component Description:	Review form 399; review expense justifications																
Amount:	\$375.00																
Component Description:	Review form 387 and reimbursement allocations																
Amount:	\$100.00																
Component Description:	Review of Form 1876																
Amount:	\$150.00																
<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="702 1193 1018 1227">Component Description:</td><td data-bbox="1147 1193 1358 1395">portion of invoice related to engineering study of new channel assignment</td></tr> <tr> <td data-bbox="702 1406 815 1440">Amount:</td><td data-bbox="1147 1406 1246 1440">\$750.00</td></tr> </table>	Component Description:	portion of invoice related to engineering study of new channel assignment	Amount:	\$750.00												
Component Description:	portion of invoice related to engineering study of new channel assignment																
Amount:	\$750.00																
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>																
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Information not provided.</p>																

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	\$36,550.00	\$36,000.00		\$1,610.52	
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$2,500.00</i>	\$2,500.00	N/A	\$220.25	N/A
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	N/A	\$1,390.27	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$8,000.00</i>	\$8,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$36,550.00	\$36,000.00	N/A	\$1,610.52	N/A
Total for all systems	\$1,711,086.80	\$1,315,010.42	N/A	\$1,107,508.11	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<div> <div> Component Description: Amount: </div> <div> Transmitter system storage. Added PO per RFAS26938. Existing component could not be edited. \$100.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> Misc. storage charges, Added cover letter per FCC request \$100.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> transmitter system storage, added PO per RFAS 26938, existing component could not be edited \$119.75 </div> </div> <div> <div> Component Description: Amount: </div> <div> Misc storage charges, added cover per FCC request \$119.75 </div> </div>

Equipment Delivery and Handling Charges	<div> Component Description: Forklift rental to off-load new equipment. Tax should not have been charged and is not being claimed for reimbursement </div> <div> Amount: \$1,390.27 </div>
	<div> Component Description: Per FCC Request, cover letter provided explaining why expense is covered under repack guidelines and why requested amount is less than invoiced amount </div> <div> Amount: \$1,390.27 </div>
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
DTV Medical Facility Notification	Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,711,086.80	\$1,315,010.42	\$1,107,508.11

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>Marta S Bechtol <i>Executive Director</i></p> <p>10/26/2018</p>

Attachments