

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

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	Facility	71023	Service: DTV	Call	KTNW	Channel: 22 (UHF)
	ID:			Sign:		
	File	00000	28348			
	Number:					
FRN: 0001563949		Date	03/05			
			Submitted:	/2019		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
WASHINGTON STATE UNIVERSITY Doing Business As: WASHINGTON STATE UNIVERSITY	Murrow Public Media. Jackson Hall rm 382, P.O. BOX 642530 PULLMAN, WA 99164 United States	+1 (509) 335- 6585	doug. krehbiel@wsu. edu	Government Entity

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact Information	Applicant		Phone	Email
	Martin L. Gibbs	2710 Crimson	+1 (509) 948-	m.
	FCC Planning Engineer Washington State University Murrow	Way Richland, WA	1496	gibbs@wsu. edu
	Public Media	99354 United States		

Broadcaster	Question	Response
Information and Transition Plan	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	Replace analog antenna at top of tower with new antenna; install new transmitter. This will allow parallel operation during the testing phase without additional expenses for temporary facilities. Ref: Attachment 1

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

Primary	Existing Transmitter Information					
Fransmitter	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				
	Manufacturer and Type	Model	Magnum			
		Year	2003			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	2 kW			

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Primary (Main)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	Yes			
		Manufacturer				
		Model	THU9-EVO			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	8.2 kW			
		Justification for New Transmitter	Larcan Magnum transmitter is no longer supported and has many obsolete parts. Current manufacturer does not have documentation for re-tune. In addition, a higher TPO (4.9kW) is necessary to support the proposed antenna, 7.6 kW is an upgrade			

Primary	Other Transmitter Costs				
Transmitter	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 inches
	Length	25.0 feet
	Other Electrical Service	Yes
	Description	Branch panel with disconnect
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Other Transmitter Cost Not Listed

Transmitter Information not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information				
Antenna	Section	Question	Response		
	Existing Antenna Description	Type of change	Purchase New		
		Antenna Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is the existing antenna shared with another station or stations?	No		
		Is the existing antenna directional?	Yes		
		Is antenna in operating condition?	Yes		
		Is antenna located on or in close proximity to an antenna farm?	Yes		
	Existing Antenna	Class	Full Power		
	Manufacturer and Type	Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре	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)	47.6 kW		
			-		

	Manufacturer	
	Model	TLP-8L
	Year	2003

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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)	29.5 kW	
		Manufacturer		
		Model	SFN-3030-2	

Year	2018
Justification for New Antenna	Old antenna cannot be retuned from channel 38 to channel 22. Ref: Attachment 1

Primary Other Antenna Costs

Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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?	No

Primary	Other Antenna Cost Not Listed
Antenna	Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

ransmissio	n 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	Manufacturer	
	Line Manufacturer and Type	Туре	Flexible Ai
		Diameter	1 5/8 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	120 feet per run

Primary Existing Transmission Line

Primary	New Transmission Line			
Transmission	n 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	
		Туре	Flexible Air	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	140 feet per run	
		Justification for New Transmission Line	Enable parallel operation during testing period. Ref: Attachment 1	

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

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

Primary Tower	Add 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?	Yes	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure Registration	Do you have a tower registration number?	No	
	Registration	ASR Number		
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	46° 06' 12.8" N-	
		Longitude (NAD83)	119° 07' 44.6" W-	
		Overall Structure Height	62.00 feet	
		Support Structure Height	62.00 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	2182.00 feet	

Structure Type	UTOWER - Unguyed - Free Standing Tower
Tower Owner	Washington State University
Date Constructed	06/02/2003

Το Primary

	-
Tower	

wer Modification Co	sts
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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:	Minor Reinforcements needed

Tower Rigging Costs Primary Tower

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

Other Tower Expenses Not Listed Primary

Tower Information not provided.

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	400
		Explanation	Planning and coordination of project to assure adherence to Phase 1 schedule. See Attachment 1
	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	Prepare and file Form FCC Construction Permit Application	Yes
	Services	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	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed Professional Services roostsided.

Other	Section	Question	Response
Expenses	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	Yes
		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 Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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 THU9-EVO	\$781,725.00	\$553,105.00		\$271,810.60	
Other Electrical Service: Branch panel with disconnect	\$13,075.00	\$13,075.00	N/A	\$6,624.60	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$300,000.00	N/A	\$265,186.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$650.00	\$625.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$239,405.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$0.00	A smaller transmitter would have been sufficient and is reflected in the attached quote. We chose to purchase a larger transmitter to enhance our coverage and understand that we are responsible for the difference in cost.
Sub-total	\$781,725.00	\$553,105.00	N/A	\$271,810.60	N/A
Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A

Actual Information Description	File Name	
Other Electrical Service: Branch panel with disconnect	Component Description:	material and labor to upgrade electrical system for new KTNW transmitter
	Amount:	\$6,624.60

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:	KTNW Transmitter - portion of invoice based on bid for
	Amount:	smaller unit. \$259,993.83
	Component Description:	Various parts and assembly
	Amount:	hardware \$5,192.17
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	Component Description:	THU9-EVO 8.2 KW ATSC / 7.5 KW OFDM
	Amount:	transmitter \$239,405.00

Antennas

Cost Information

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 SFN-3030-2	\$50,000.00	\$50,000.00		\$19,045.65	
UHF - High Power, Side Mount, basic slot antenna, 30 kW input, directional,, horizontally polarized	\$50,000.00	\$50,000.00	N/A	\$19,045.65	N/A
Sub-total	\$50,000.00	\$50,000.00	N/A	\$19,045.65	N/A
Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A

Actual Information	
Description	File Name

UHF - High Power, Side Mount, basic slot antenna, 30 kW input, directional,, horizontally polarized	Component Description:	DTV Channel 22 UHF Slotted antenna with 10 full wave spaced
	Amount:	bays. \$18,136.20
	Component Description:	rods, washers and bolts for antenna installation
	Amount:	\$190.54
	Component Description:	Sales Tax paid by WSU directly to state. Not included in Invoice 9874- Magnum Towers.
	Amount:	\$711.68
	Component Description:	Hex cap screws for antenna installation
	Amount:	\$7.23

Transmission Line

Cost Information

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	\$4,620.00	\$4,340.00		\$9,853.96	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$4,620.00	\$4,340.00	N/A	\$9,853.96	Additional line and fittings required to attach antenna to transmitter than originally estimated.
Sub-total	\$4,620.00	\$4,340.00	N/A	\$9,853.96	N/A
Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 1 5/8"	Component Description:	Transmission Line plus assembly parts.
	Amount:	\$9,853.96

Tower Equipment and Rigging Costs

Cost Information

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 UTOWER	\$254,800.00	\$242,000.00		\$20,376.30	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	\$10,230.30	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$8,896.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$1,250.00	N/A
Sub-total	\$254,800.00	\$242,000.00	N/A	\$20,376.30	N/A
Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A

Actual Information	
Description	File Name

Short Tower (less than 500')		
	Component Description:	Review of project site, determine materials and process \$402.30
	Component Description:	Labor and crane
		to install pole mount for new antenna at KTNW.
	Amount:	\$9,828.00
Minor tower reinforcement /modifications		
modifications	Component Description:	Pole Mount for antenna
	Amount:	\$8,896.00
Structural engineering tower load study for well		
documented tower	Component Description:	Tower Structural analysis
	Amount:	\$1,250.00

Outside Professional Services

Cost Information

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	\$109,230.00	\$103,750.00		\$30,234.41	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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	\$2,250.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,784.50	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$482.34	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$920.00	N/A

Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A
Sub-total	\$109,230.00	\$103,750.00	N/A	\$30,234.41	N/A
Project management of the transition	\$63,200.00	\$60,000.00	N/A	\$19,072.53	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$599.84	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,125.20	N/A

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:	Attorney Fees - Construction portion of invoice
	Amount:	\$42.50
	Component Description:	Attorney services related to licensing and form 399
	Amount:	\$339.00
	Component Description:	Attorney service related to licensing and form 399
	Amount:	\$317.00
	Component Description:	Attorney service for licensing and form 399
	Amount:	\$212.00
	Component Description:	Attorney service related to application, licensing and form 399
	Amount:	\$349.00
	Component Description:	Attorney service related to licensing and form 399
Attorney Fees - Prepare	Amount:	\$990.50
and File FCC Form 2100 (main), Construction Permit Application	Component Description:	Attorney Fees - Construction permit application June
	Amount:	\$185.00

Component Description: Amount:	Attorney Fees - Construction permit application - February \$159.00
Component Description: Amount:	portion of invoice related to construction permit application \$37.00
Component Description: Amount:	FCC licensing and filing \$227.00
Component Description: Amount:	Attorney fees - Construction permit application - Dec 17 \$47.50
Component Description: Amount:	Attorney Fees - Construction permit application - March \$242.50
Component Description: Amount:	Attorney fees August 2018 \$522.50
Component Description: Amount:	Attorney Fees - Construction Permit application - April \$712.50

	Component Description: Amount:	Attorney service related to construction permit preparation and submission \$375.00
	Component Description: Amount:	Attorney service related to construction permit preparation and submission \$1,548.00
	Component Description: Amount:	Attorney fees for July 2018 \$427.50
	Component Description: Amount:	Attorney service related to construction permit preparation and submission \$301.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	portion of invoice related to license to cover \$216.00
	Component Description: Amount:	portion of wages attributed to FCC form 2100 \$266.34

Prepare engineering		
section of FCC Form 2100 (main), Construction Permit Application	Component Description:	prepare engineering section
, application		of Form 2100,
		construction permit application. wages
		during 2nd qtr 2017
	Amount:	\$690.00
	Component Description:	prepare
		engineering section of Form 2100,
		construction permit
		application. Portion
		of wages allocated
		during 3rd quarter
	Amount:	2017 \$220.00
	Amount:	\$230.00
Perform engineering study for new channel		
assignment and antenna	Component Description:	portion of wages
development		attributed to
		engineering study
		and antenna
	Amount:	development \$285.20
		φ200.20
	Component Description:	Engineering Study
		portion of 2nd
		quarter wages.
	Amount:	\$1,840.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review		
reimbursement form	_	
	Component Description:	portion of wages
		attributed to reimbursement
		form review
	Amount:	\$599.84
Draight management of the		

Component Description: Portion of M. Gibbs time on Project Management of Repack for 2nd quarter of year. Amount: \$2,656.04 **Component Description:** Transmitter line resubmit form 399 Amount: \$142.50 **Component Description:** Progress reports and updates Amount: \$530.00 **Component Description:** wages attributed to transition management Amount: \$92.00 **Component Description:** portion of invoice related to general transition management Amount: \$1,307.50 **Component Description:** Progress reports and FCC filings Amount: \$737.50 **Component Description:** portion of wages attributed to project management Amount: \$76.03

Component Description: Amount:	Portion of wages allocated to Project Management during 4th quarter 2017 \$1,061.68
Component Description: Amount:	Project management - wages for 1st quarter. \$782.00
Component Description: Amount:	project management - wages allocated during 3rd quarter 2017 \$1,334.00
Component Description: Amount:	Progress reports \$265.00
Component Description: Amount:	July - September portion of wages related Repack \$2,716.30
Component Description:	Portion of 2nd quarter wages allocated to general project management
Amount:	\$2,205.70

Component Description:	Portion of First
	Quarter 2018
	wages applicable
	to Project
	Management
Amount:	\$4,010.28
Component Description:	Attorney service
	related to
	management of
	overall project.
Amount:	\$1,156.00

Other Expenses

Cost Information

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	\$49,550.00	\$49,000.00		\$10,119.60	
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$3,000.00	\$3,000.00	N/A	N/A	N/A
Equipment Storage	\$4,000.00	\$4,000.00	N/A	\$900.00	N/A
Non-zoning permits	\$2,000.00	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$4,130.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$5,089.60	N/A
Sub-total	\$49,550.00	\$49,000.00	N/A	\$10,119.60	N/A
Total for all systems	\$1,249,925.00	\$1,002,195.00	N/A	\$361,440.52	N/A

Description	File Name	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description:	Storage of transmitter \$900.00
		<i>4000100</i>
Non-zoning permits	Information not provided.	
DTV Medical Facility		
Notification	Component Description:	Notification of Medical Facilitie
	Amount:	\$2,375.00
	Component Description:	Notification of Cable and
		Satellite MVPD
		Providors of new RF Chanel &
		Transport Stream
	Amount:	parameters \$1,755.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	

Equipment Delivery and Handling Charges	Component Description:	Pole mount handling and delivery
	Amount:	\$1,900.50
	Component Description:	Transmitter handling and delivery
	Amount:	\$2,718.00
	Component Description: Amount:	Rental of portable toilet \$91.00
	Component Description:	rental of front loader
	Amount:	\$380.10

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$1,249,925.00	\$1,002,195.00	\$361,440.52	

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 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. 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).
- 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.	Denise Crossler Grant & Contract Specialist 03/05/2019

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 IMPRISIONMENT (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).	
		 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).
- 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.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	Denise Crossler Grant & Contract Specialist 03/05/2019

Attachments

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