



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **78908** | Service: **DTV** | Call **WSKA** | Channel: **25 (UHF)** |
ID: | Sign:
File **0000028467**
Number:
FRN: **0003775830** | Date **07/12**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WSKG PUBLIC TELECOMMUNICATIONS COUNCIL Doing Business As: WSKG PUBLIC TELECOMMUNICATIONS COUNCIL	Greg Catlin 601 GATES ROAD, SUITE 4 VESTAL, NY 13850 United States	+1 (607) 729- 0100	gcatlin@wskg. org	Not-for- Profit

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
Eric Adler <i>Broadcast Engineer</i> WSKG PUBLIC TELECOMMUNICATIONS COUNCIL	Eric Adler 601 Gates Rd Ste 4 Vestal, NY 13850 United States	+1 (607) 729- 0100	eadler@wskg. org

**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.	Yes
Briefly describe transition plan	Install transfer switch between existing combiner output and feed to antenna (with dummy load for testing), install new combiner into transfer switch, install transmitters, test, switch, and tune DigiTline for optimal performance on new channels.

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	Ultimate TEU2- 2K50LV
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	2.5 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	ULXTE-6
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6 kW
	Justification for New Transmitter	Widelity shows lowest power level for liquid cooled as 4.9-6.5kW. The 6kW ULXTE-6 is the lowest power GatesAir liquid cooled transmitter in this range. Building cooling system is not sufficient for an air-cooled transmitter.

**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 inches
	Length	60.0 feet
	Other Electrical Service	Yes
	Description	208v 3ph step-down transformer, 30kVA, plus 110v equipment feeds and switchgear
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

Name	Description
ATSC Analyzer	Device to test and ensure complex multiple transmitter system compliance with FCC rules and regulations.

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	Retune Existing
	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?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	28
	Design power capacity in use	31.5 %
	Lower Limit	566.00 MHz

Upper Limit	722.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	25.0 kW
Manufacturer	Dielectric
Model	TUA-C4SP- 8/28M-1-T
Year	2003

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

Facility ID	Call Sign
62219	WYDC
71508	WENY-TV

**Primary
Antenna**

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number
35
25
30

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Transfer switch and Dummy Load	Switch and load to facilitate testing of new transmission system and changeover from old combiner to new combiner.

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	Utilize Existing
	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?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	795 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
62219	WYDC
71508	WENY-TV

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Outside consultant has 5 years experience at this facility and 38 years maintaining transmission systems and managing related projects. Staff is limited and contains new staff in key positions.
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	No

	Authority	
	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	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No

	Additional Field Engineering Service	Yes
	Number of Days	3
	Justification	Proof of performance, RF exposure level calculations and instalation /proof of combiner performance.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
NETA Financial Management	Support provided to facilitate reimbursement. NETA is currently handling WSKG-TV and WSKA's accounting and bookkeeping services. This is an additional service.

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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Additional Legal Expenses	Additional legal expenses for small market public TV station
Quarterly Progress Reports	Assist with and prepare FCC-required reports
Site Survey	Site survey by transmitter manufacturer to predetermine precise measurements and ensure a smooth installation.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-6	\$348,945.00	\$335,385.00		\$0.00	
2" Rigid Conduit and Wiring (Cost per foot)	\$1,560.00	\$1,500.00	Predetermined cost based on 60' of 2" rigid with wiring.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$260,000.00	Predetermined Widelity cost estimate for 4.9-6.5kW transmitter. Widelity does not list costs for smaller sized transmitters.	N/A	N/A
Other Electrical Service: 208v 3ph step-down transformer, 30kVA, plus 110v equipment feeds and switchgear	\$8,350.00	\$8,350.00	Quote attached as Panko Electric Quote. This site will require a disconnect feeding the transformer and a panel after the transformer.	N/A	N/A
ATSC Analyzer	\$65,535.00	\$65,535.00	Test equipment for confirming legal operation and compliance of all channels as well as diagnosing	N/A	N/A

			issues that may occur in complex combined system. Quotation attached as Rhode and Schwarz 802- 040012.0		
Sub-total	\$348,945.00	\$335,385.00	N/A	\$0.00	N/A
Total for all systems	\$639,933.80	\$774,123.80	N/A	\$0.00	N/A

Components

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 TUA-C4SP-8/28M-1-T	\$108,011.00	\$263,481.00		\$0.00	
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	<i>\$0.00</i>	\$0.00	Existing antenna will remain in service.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	predetermined cost	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$240,000.00	Widely cost-per-channel, times three channels, as WSKG PUBLIC TELECOMMUNICATIONS COUNCIL owns the entire combiner and will bear 100% of the cost with WYDC-TV and WENY bearing 0% each.	N/A	N/A
Transfer switch and Dummy Load	<i>\$17,081.00</i>	\$17,081.00	Quote from Dielectric, attached as Dielectric Transfer Switch	N/A	N/A
Sub-total	\$108,011.00	\$263,481.00	N/A	\$0.00	N/A
Total for all systems	\$639,933.80	\$774,123.80	N/A	\$0.00	N/A

Components

Information not provided.

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$0.00	\$0.00	N/A	\$0.00	N/A
Total for all systems	\$639,933.80	\$774,123.80	N/A	\$0.00	N/A

Components

Information not provided.

**Cost
Information**

Tower Equipment and Rigging Costs

Information not provided.

**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	\$63,420.00	\$56,250.00		\$0.00	
Project management of the transition	\$28,440.00	\$22,500.00	Predetermined cost estimate	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	Predetermined cost estimate	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	Predetermined cost estimate	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	Predetermined cost estimate	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	Predetermined.	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Predetermined.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Predetermined.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	Predetermined.	N/A	N/A
Additional Field Engineering Service, 3 Days	\$7,500.00	\$7,500.00	Attach price schedule. From MSW	N/A	N/A
NETA Financial Management	\$2,500.00	\$2,500.00	Half of attached quotation is for WSKG-TV the other half is for WSKA	N/A	N/A
Sub-total	\$63,420.00	\$56,250.00	N/A	\$0.00	N/A
Total for all systems	\$639,933.80	\$774,123.80	N/A	\$0.00	N/A

Components

Information not provided.

**Cost
Information**

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$119,557.80	\$119,007.80		\$0.00	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$57,517.00</i>	\$57,517.00	Removal and disposal of existing combiner system and transmitter post-transition. Quotations attached as WSKA Combiner Removal and WSKA De Install Dig Tx. \$16787+\$40730=\$57517	N/A	N/A
MVPD Notification of Channel Change	<i>\$11,000.00</i>	\$11,000.00	Study of existing cable channel coverage and notification to MVPDs of channel change. Scope is presumed similar to Medical Facility notification, estimated cost matches Widelity cost for Medical Facility notification.	N/A	N/A
Quarterly Progress Reports	<i>\$5,000.00</i>	\$5,000.00	Assist with and prepare FCC-required quarterly progress reports for station.	N/A	N/A
Site Survey	<i>\$17,232.00</i>	\$17,232.00	Quotation by GatesAir attached as WSKA Site Survey	N/A	N/A
Additional Legal Expenses	<i>\$10,000.00</i>	\$10,000.00	Additional legal expenses necessary to advise and assist small market public TV station with repack requirements.	N/A	N/A
Develop and air announcement	<i>\$7,258.80</i>	\$7,258.80	Cost of airtime. 1 minute per day per sub-channel, priced per	N/A	N/A

of upcoming channel change			average cost. Details attached as WSKG Airtime Cost.		
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Predetermined cost estimate	N/A	N/A
Sub-total	\$119,557.80	\$119,007.80	N/A	\$0.00	N/A
Total for all systems	\$639,933.80	\$774,123.80	N/A	\$0.00	N/A

Components

Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$639,933.80	\$774,123.80
			\$0.00

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.

**Gregory
W. Catlin**
*President &
CEO*

07/12/2017

Attachments