Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **74034** | Service: **DTV** | Call Sign: **WSKG-TV** | Channel: **31 (UHF)**

File Number: **0000028440**

FRN: **0003775830** | Date Submitted: **03/02/2018**

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 *Broadcast Engineer* *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.	No
Briefly describe transition plan	Replace combiner with switch and dummy load. Replace analog transmitter/cooling system with new channel transmitter /cooling system. Test. Switch to new transmitter when appropriate. Decommission and remove old channel transmitter.

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
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	4 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	40.0 feet
	Other Electrical Service	Yes
	Description	30kVA 208 3ph transformer from 480v
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 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 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	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?	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?	Yes
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)	50.0 kW
Manufacturer	Dielectric
Model	888-24
Year	2003

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?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	

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	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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	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	951 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Tune existing Transmission line	Existing line is Dielectric DigiTline and elbows along the run are tuned for optimal performance on utilized frequencies. During transition, we will tune these to optimize.
Replace Combiner with Transfer Switch	Replaces analog combiner with switch between current channel transmitter and new channel transmitter.

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 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	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	1
Justification	Proof of 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?	Yes
	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
8VSB Analyzer Calibration	Tune-up and calibration of existing Tektronix analyzer.
Quarterly Progress Reports	FCC- required quarterly progress reports
Removal-disposal of Analog TX and associated items	Analog transmitter and associated items physically block proper positioning of new transmitter in proximity of electrical service. Removal of the transmitter will allow for proper placement of the new transmitter and electrical reuse.
Site Survey	Site survey by transmitter manufacturer to predetermine precise measurements and ensure a smooth installation.
Additional Legal Expenses	Legal fees to consult with and advise small market public TV station with repack matters.

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	**$280,390.00**	**$266,850.00**		**$0.00**	
Other Electrical Service: 30kVA 208 3ph transformer from 480v	***$5,850.00***	$5,850.00	Transformer and power feeds quote attached as Panko Electric. We do not believe that a new panel or disconnect is necessary.	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$1,040.00	$1,000.00	Predetermined cost based on 2" rigid at 40'.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	$273,500.00	$260,000.00	Widelity cost estimate	$0.00	N/A
Sub-total	$280,390.00	$266,850.00	N/A	$0.00	N/A
Total for all systems	$767,431.80	$503,341.80	N/A	$4,407.50	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 888-24	**$253,730.00**	**$6,400.00**		**$0.00**	
Sweep test of existing antenna	$6,730.00	$6,400.00	Predetermined cost.	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	$247,000.00	$0.00	Reusing existing antenna.	N/A	N/A
Sub-total	$253,730.00	$6,400.00	N/A	$0.00	N/A
Total for all systems	$767,431.80	$503,341.80	N/A	$4,407.50	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	**$22,787.00**	**$22,787.00**		**$0.00**	
Replace Combiner with Transfer Switch	***$16,787.00***	$16,787.00	Quotation from GatesAir labeled WSKG Combiner Deinstall	$0.00	N/A
Tune existing Transmission line	***$6,000.00***	$6,000.00	Tower crew and consulting engineer costs, estimated	N/A	N/A
Sub-total	$22,787.00	$22,787.00	N/A	$0.00	N/A
Total for all systems	$767,431.80	$503,341.80	N/A	$4,407.50	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	**$58,920.00**	**$56,250.00**		**$2,862.00**	
NETA Financial Management	***$2,500.00***	$2,500.00	Half of attached quotation is for WSKA the other half is for WSKG-TV.	$1,250.00	N/A
Additional Field Engineering Service, 1 Days	***$3,000.00***	$3,000.00	Proof of performance of transmission system including antenna post-changeover. Travel and hourly costs.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	Predetermined cost	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	Predetermined cost	$1,062.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	Predetermined cost	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	Predetermined cost	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	Predetermined cost	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	Predetermined cost	N/A	N/A
Project management of the transition	$28,440.00	$27,000.00	Predetermined cost	$550.00	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	Predetermined cost	N/A	N/A

Sub-total	$58,920.00	$56,250.00	N/A	$2,862.00	N/A
Total for all systems	$767,431.80	$503,341.80	N/A	$4,407.50	N/A

Components

Actual Information Description	File Name
NETA Financial Management	**Component Description:** Staff support work related to FCC Spectrum **Amount:** $1,250.00
Additional Field Engineering Service, 1 Days	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** Attorney fees for construction permit application **Amount:** $117.00 **Component Description:** Attorney fees for construction permit application $945.00 **Amount:** $945.00
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	Information not provided.

Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Project management of the transition	**Component Description:** Dave Fulton project management services September 2017 **Amount:** $250.00 **Component Description:** Project management of transition **Amount:** $250.00 **Component Description:** Project management of transition **Amount:** $300.00 **Component Description:** Dave Fulton project management services for August 2017 **Amount:** $300.00
Prepare and or review reimbursement form	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	**$151,604.80**	**$151,054.80**		**$1,545.50**	
Additional Legal Expenses	***$10,000.00***	$10,000.00	Additional legal expenses for consultation and advice and assistance for small market public TV station for required repack work.	$1,271.00	N/A
Site Survey	***$17,232.00***	$17,232.00	Quotation by GatesAir attached as WSKG Advanced Site Survey	N/A	N/A
Removal-disposal of Analog TX and associated items	***$47,756.00***	$47,756.00	Quotation from GatesAir labeled WSKG Comark Analog De install and disposal	N/A	N/A
Quarterly Progress Reports	***$5,000.00***	$5,000.00	Assist with, prepare and file quarterly FCC-required progress reports for station repack.	$274.50	N/A

8VSB Analyzer Calibration	***$1,078.00***	$1,078.00	Quotation attached as Tektronix Calibration Quote	N/A	N/A
MVPD Notification of Channel Change	***$11,000.00***	$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
Develop and air announcement of upcoming channel change	***$7,258.80***	$7,258.80	Cost of airtime. 1 minute per day per sub-channel, priced per average cost. Details attached as WSKG Airtime Cost.	$0.00	N/A
Equipment Delivery and Handling Charges	***$0.00***	$0.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$40,730.00***	$40,730.00	Quotation by GatesAir labeled WSKG Comark Digital De install	N/A	N/A

DTV Medical Facility Notification	$11,550.00	$11,000.00	Predetermined cost	N/A	N/A
Sub-total	$151,604.80	$151,054.80	N/A	$1,545.50	N/A
Total for all systems	$767,431.80	$503,341.80	N/A	$4,407.50	N/A

Components

Actual Information Description	File Name
Additional Legal Expenses	**Component Description:** Attorney fees for additional legal expenses **Amount:** $947.00 **Component Description:** Attorney fees for additional legal expenses **Amount:** $112.00 **Component Description:** Attorney fees for additional legal expenses **Amount:** $212.00
Site Survey	Information not provided.
Removal-disposal of Analog TX and associated items	Information not provided.

Quarterly Progress Reports	**Component Description:** **Amount:** **Component Description:** **Amount:**	Attorney fees for quarterly progress report $50.50 Attorney fees for quarterly progress report $224.00
8VSB Analyzer Calibration	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
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	$767,431.80	$503,341.80	$4,407.50

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 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).	
	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.

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Kim Pesko** *Director of Finance* 03/02/2018

Attachments