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: **83929** | Service: **DTV** | Call Sign: **WHDT** | Channel: **34 (UHF)**

File Number: **0000028620**

FRN: **0002710192** | Date Submitted: **07/05/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GUENTER MARKSTEINER *DR* Doing Business As: GUENTER MARKSTEINER	GUENTER MARKSTEINER 5244 SW ORCHID BAY DRIVE PALM CITY, FL 34990 United States	+1 (561) 983-6300	MARKSTEINER@WHDT.NET	Individual

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
Joseph L. Snelson , Jr . *Technical Consultant* *Meintel, Sgrignoli & Wallace*	1282 Smallwood Drive, Suite 372 Waldorf, MD 20603 United States	+1 (303) 344-8037	joe.snelson@mswdtv.com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Current transmission system consists of a main/aux transmitter feeding a transmission line which connects to an antenna on the tower. Work includes installing new transmission line, attaching to antenna and connecting to new repack channel transmitters.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Used in case of failure of main transmitter
	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	CST-II
	Year	2013
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20.0 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	TRN-5XU-2916D-L
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	20.0 kW
	Justification for New Transmitter	Current transmitter manufacturer is no longer in business. See attached narrative and justification

Auxiliary 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	No
	Size	N/A
	Length	N/A

	Other Electrical Service	Yes
	Description	Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past experience.
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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

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	CST-II
	Year	2000
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	80.0 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?	Yes
	Manufacturer	
	Model	TRN-5XU-8916D-L
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	60 kW
	Justification for New Transmitter	Current transmitter manufacturer is no longer in business. See previously submitted narrative and justification.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	4 inches

	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	15 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	900.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	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	Custom - Customer Assembled
	ERP: (Effective Radiated Power)	700.0 kW

Manufacturer	
Model	TUA-SP4-12/48H-1-S-R
Year	2009

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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side 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)	1000.0 kW
	Manufacturer	

Model	TFU-27JSC /VP-R P220
Year	2018
Justification for New Antenna	Current antenna was assembled by licensee and actual performance on repack channel is unlikely. Upgrade for new antenna is for elliptical polarization. Upgrade cost was deducted from quote. NOTE: Bottom of quote shows both discount and upgrade deduction.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A

	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	8 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Other
	Other Segment Length	19.33 feet
	Number of parallel runs	1
	Length	1700 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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1700 feet per run
	Justification for New Transmission Line	See previously submitted narrative and justification. Also see attached quote which includes discounted price.

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?	Yes

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	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	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1028084
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	26° 34' 30.7" N-
	Longitude (NAD83)	080° 14' 31.1" W-
	Overall Structure Height	1532.13 feet
	Support Structure Height	1528.85 feet
	Ground Elevation Above Mean Sea Level (AMSL)	17.06 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	WFLX, LLC
Date Constructed	10/06/2015

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
20436	WRMF	FM
39736	WFLX	DTV

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 Services Costs

Section	Question	Response
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	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	Yes
	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Progress Reporting	Prepare and file 6 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.
Power Engineering	Engineering plan to change generator and transfer switch for 380 vac service. Preparation of electrical plan for transmitter room.

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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	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 TRN-5XU-8916D-L	**$1,992,559.52**	**$1,970,119.62**		**$1,816,650.00**	
Other -- Building Addition Size: 900.0	***$100,459.52***	$100,459.52	See previously submitted narrative and justification. Also, see attached estimate for construction in the West Palm Beach, FL area. Use of small factory was used based on a commercial structure that will need to meet commercial code requirements.	$16,470.00	N/A
15 Ton system	$55,800.00	$40,000.00	N/A	$15,120.00	N/A
Switchgear - industrial 800 amp	$38,200.00	$35,000.00	See attached quote for electrical panel from Knight Electric.	$0.00	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	$1,788,000.00	$1,785,060.10	Current transmitter manufacturer is no longer in business. See previously submitted narrative and justification. Also, see attached quotation from Anywave for discounted cost.	$1,785,060.00	N/A
4" Rigid Conduit and Wiring (Cost per foot)	$10,100.00	$9,600.00	N/A	$0.00	N/A
Auxiliary Transmitter TRN-5XU-2916D-L	**$699,000.00**	**$615,000.00**		**$597,900.00**	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	$684,000.00	$600,000.00	N/A	$590,000.00	N/A

Other Electrical Service: Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past experience.	***$15,000.00***	$15,000.00	See attached narrative and justification	$7,900.00	N/A
Sub-total	$2,691,559.52	$2,585,119.62	N/A	$2,414,550.00	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

Actual Information Description	File Name

Other -- Building Addition Size: 900.0	**Component Description:**	Line item 5 -Space planning and building layout drawings for cooling system, transmission line, etc. See invoice detail. Final payment.
	Amount:	$8,235.00
	Component Description:	line item 5 - space planning and transmitter room engineering total cost: $16,470.00 50 percent of total cost: $8,235.00
	Amount:	$8,235.00

15 Ton system	**Component Description:** **Amount:**	Line Item 4 - Air Filtration unit final payment $1,710.00
	Component Description: **Amount:**	Line item 3 - AC Compressor final payment $5,850.00
	Component Description: **Amount:**	Invoice item 4 - Air Filtration part of the HVAC expense item. Amount requested reflects 50% down payment. $1,710.00
	Component Description: **Amount:**	line item 3 - 12 ton HVAC total cost: $11,700.00 50 percent of total cost: $5,850.00 $5,850.00
Switchgear - industrial 800 amp	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line Item 1 - Final Payment for main transmitter. $892,530.00 line item 1 - 60kW main transmitter total cost: $1,785,060.00 50 percent of total cost: $892,530.00 $892,530.00
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line Item 2 - Final payment for Aux transmitter $295,000.00 line item 2 - 20kW backup transmitter total cost: $590,000.00 50 percent of total cost: $295,000.00 $295,000.00

Other Electrical Service: Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past experience.	**Component Description:**	Line item 7 - Step down transformer. Final payment.
	Amount:	$3,950.00
	Component Description:	line item 7 - step-down power transformer total cost: $7.900.00 50 percent of total cost: $3,950.00
	Amount:	$3,950.00

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 TFU-27JSC /VP-R P220	**$192,760.00**	**$187,220.00**		**$84,249.00**	
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	$15,250.00	$10,040.00	See attached quote with discount included.	$4,518.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$2,880.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	***$170,780.00***	$170,780.00	Current antenna was assembled by licensee and actual performance on repack channel is unlikely. Upgrade for new antenna is for elliptical polarization. Upgrade cost was deducted from quote. NOTE: Bottom of quote shows both discount and upgrade deduction.	$76,851.00	line item 1 - main antenna total cost: $170,780.00 45 percent of total cost: $76,851.00
Sub-total	$192,760.00	$187,220.00	N/A	$84,249.00	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

Actual Information Description	**File Name**	
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	**Component Description:**	item 3 - elbow complex total cost: $10,040.00 45 percent of total cost: $4,518.00
	Amount:	$4,518.00

Sweep test of existing antenna	**Component Description:** **Amount:**	line item 22 - sweep total cost of item 22: $6,400.00 45 percent of total cost: $2,880.00 $2,880.00
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	**Component Description:** **Amount:**	line item 1 - main antenna total cost: $170,780.00 45 percent of total cost: $76,851.00 $76,851.00

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	**$589,900.00**	**$376,315.20**		**$169,341.84**	
Rigid Transmission Line - copper, 8 3 /16"	$589,900.00	$376,315.20	See attached quote that includes discount.	$169,341.84	N/A
Sub-total	$589,900.00	$376,315.20	N/A	$169,341.84	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 8 3/16"	**Component Description:**	line item 4 - transmission line total cost: $376,315.20 45 percent of total cost: $169,341.84
	Amount:	$169,341.84

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	**$210,500.00**	**$200,000.00**		**$0.00**	
Tall Tower (greater than 500')	$210,500.00	$200,000.00	N/A	$0.00	N/A
Sub-total	$210,500.00	$200,000.00	N/A	$0.00	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

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 Justificatior
Outside Professional Services	**$165,940.00**	**$84,250.00**		**$20,040.00**	
Power Engineering	***$10,500.00***	$10,500.00	Design of replacement electrical mains for new transmitters.	$10,500.00	N/A
Progress Reporting	***$21,000.00***	$21,000.00	Prepare and file 6 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	$0.00	N/A
RF Exposure Measurements	$21,050.00	$5,000.00	N/A	$0.00	N/A
Comprehensive coverage verification via field study, if needed	$84,200.00	$20,000.00	N/A	$2,650.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	$0.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,120.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	N/A	$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	$0.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	$0.00	N/A
Prepare and or review reimbursement form	$2,630.00	$4,770.00	Actual cost of budget preparation and entering into 399 form.	$4,770.00	see itemized invoice 6876.

Perform engineering study for new channel assignment and antenna development	$7,360.00	$4,730.00	N/A	$0.00	N/A
Sub-total	$165,940.00	$84,250.00	N/A	$20,040.00	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

Actual Information Description	File Name	
Power Engineering	**Component Description:** **Amount:**	Line item 6 - Eng 2 $5,250.00
	Component Description: **Amount:**	line item 6 - ENG-2 total cost: $10,500.00 50 percent of total cost: $5,250.00 $5,250.00
Progress Reporting	Information not provided.	
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	**Component Description:** **Amount:**	Interference Study $2,650.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Prepare Form 2100 & Exhibits for filing CP application with FCC $2,120.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Prepare and or review reimbursement form	**Component Description:** **Amount:**	Form 399 budget preparation $4,770.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Previously paid. Ignore or delete this entry N/A

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 Cos Justificatio
Other Expenses	**$70,777.10**	**$64,177.10**		**$0.00**	
Equipment Storage	***$8,000.00***	$8,000.00	leased storage space estimate	$0.00	N/A
Equipment Delivery and Handling Charges	***$40,282.10***	$40,282.10	See attached quote for delivery of 2 transmitters and estimating $10,000 for 1,700 ft. of 8" transmission line and antenna.	$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$5,000.00***	$5,000.00	Applicant will be required to dispose of the current transmission line and transmitters. The exact costs are not known at this time.	$0.00	N/A
Non-zoning permits	***$2,000.00***	$2,000.00	Estimated permit cost to modify unused portion of building to accommodate new transmitters .	$0.00	N/A

DTV Medical Facility Notification	$11,550.00	$5,000.00	N/A	$0.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	$0.00	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	$0.00	N/A
MVPD Notification of Channel Change	***$2,000.00***	$2,000.00	Notification will need to be made to MVPD's as required. Applicant to explore using an outside firm to determine which facilities will need to be notified and send the appropriate notification letters.	$0.00	N/A
Develop and air announcement of upcoming channel change	***$500.00***	$500.00	N/A	$0.00	N/A
Sub-total	$70,777.10	$64,177.10	N/A	$0.00	N/A
Total for all systems	$3,921,436.62	$3,497,081.92	N/A	$2,688,180.84	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$3,921,436.62	$3,497,081.92	$2,688,180.84

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	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.	
	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.	**GUENTER MARKSTEINER** *LICENSEE* 07/05/2018

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.	**GUENTER MARKSTEINER** *LICENSEE* 07/05/2018

Attachments