



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **59488** | Service: **LPD** | Call **WHDT-LD** | Channel:
ID: | Sign:
4 (Low VHF) | File **0000089807**
Number:
FRN: **0033415654** | Eligibility **Eligible** | Date **06/09**
Status: | Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Guenter Marksteiner Doing Business As: GUENTER MARKSTEINER	PO Box 34990 Palm City, FL 34990 United States	+1 (857) 399- 3319	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 . <i>Technical Consultant</i> <i>Meintel, Sgrignoli and</i> <i>Wallace</i>	1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (281) 466- 2080	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.	No
Briefly describe transition plan	Station to install equipment and transition to repack channel. This will be a complex project by converting from UHF to VHF considering the size and location of the antenna. Antenna is in a downtown area and will require helicopter installation.

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)
	Ownership	Owned
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	UHF 5 kW
	Year	2015
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	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	Anywave 5KW
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	5 kW
	Justification for New Transmitter	Former transmitter is UHF and cannot be retuned to VHF.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Other Transmitter Costs	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	No
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Rigid Conduit and Wiring	No
	Other Electrical Service	Yes

	Description	Connection by licensed electrician from panel to transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No

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)
	Ownership	Owned
	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	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	15.0 kW
	Manufacturer	
	Model	UHF Top Mount
	Year	2014

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Change Type	Purchase New
	Ownership	Owned
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Circular
	Type	Other
	Other Antenna Type	Low-Band VHF
	ERP: (Effective Radiated Power)	3.0 kW
	Manufacturer	
	Model	TBD
	Year	2019
	Justification for New Antenna	Former antenna is UHF and won't support VHF operation.

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
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Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
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)
	Ownership	Owned
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	No
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Flexible Air
	Diameter	3 inches
	Number of parallel runs	3
	Length	50 feet per run

Primary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	3 inches
	Number of parallel runs	3
	Length	50 feet per run
	Justification for New Transmission Line	VHF antenna requires a corporate feed comprised of multiple power dividers and tuned coaxial sections which are provided by the antenna manufacturer. It has been determined that the existing UHF end-fed system is incompatible and cannot be reuse.
Interior RF Systems	Does the Installation of the Transmission Line require an additional or replacement Inside RF system including switching, patch panels, and dehydrators?	Yes

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
VHF Mask Filter connections	Conversion from UHF to Band I VHF has changed the existing patch, load, and phasing systems. Reconstruction of the interior transmission system is required.

**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)
	Ownership	Leased
	Is this tower consider Complex?	Located on Building
	Is this tower currently shared with any other stations?	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1031648
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 21' 31.0" N-
	Longitude (NAD83)	071° 03' 39.0" W-
	Overall Structure Height	587.26 feet
	Support Structure Height	564.30 feet
	Ground Elevation Above Mean Sea Level (AMSL)	59.05 feet
	Structure Type	BANT - Building with an Antenna

	Tower Owner	OBS REIT, LLC
	Date Constructed	01/24/1997

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Located on Building
Helicopter Services Required	Are helicopter services required?	Yes

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Structural Study	Structural Study required by building owner.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	360
	Explanation	The antenna manufacturer and building owner require a structural analysis of the tower to determine if augmentation is needed to comply with current standards. The size and weight of the top-mounted VHF antenna requires supervised on-site assembly.
Outside RF consulting Engineering Services	Perform engineering study for displacement application	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
	Prepare Form 601	No

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
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Form 399 assistance or other program management costs	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Legal Fees	Fees relating to channel change
Construction Management Services	On-site construction and engineering management, permit preparation, subcontractor supervision, antenna assembly

**Other
Expenses**

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Permit and Filing Costs	FCC Construction Permit Major Change	Yes
	FCC Construction Permit Minor Change	No
	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
Point to Point Microwave (STL/ICR)	Frequency Coordination for Unidirection System	No
	Frequency Coordination for Bi-Direction System	No
	New Point to Point Microwave System	No

**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 Anywave 5KW	\$176,000.00	\$176,000.00		\$0.00	
Low VHF - Liquid Cooled Solid State Transmitter 5 kW	<i>\$175,000.00</i>	\$175,000.00	N/A	\$0.00	Manufacturer will not warrant equipment without installing each of the items listed in the invoice. Invoice amount includes delivery expense to loading dock, but does not include rigging expense to deliver to building roof.
Other Electrical Service: Connection by licensed electrician from panel to transmitter.	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A
Sub-total	\$176,000.00	\$176,000.00	N/A	\$0.00	N/A
Total for all systems	\$893,854.50	\$878,077.00	N/A	\$0.00	N/A

Components

Actual Information	
Description	File Name
Low VHF - Liquid Cooled Solid State Transmitter 5 kW	Component Description: VHF Transmitter and Mask Filter Amount: \$194,230.00
Other Electrical Service: Connection by licensed electrician from panel to transmitter.	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 TBD	\$218,030.00	\$215,730.00		\$0.00	
Low VHF-Low Power, Top Mount, Other, 3.0kW input, Circular	<i>\$200,000.00</i>	\$200,000.00	N/A	\$0.00	A top- mounted VHF antennas installed on a high office building costs more than the predetermined average antenna estimator. Load considerations must include annual icing and windage moments which are determined by structural engineering.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,000.00	N/A	\$0.00	N/A
Sweep test of transmission line and antenna	\$5,730.00	\$5,730.00	N/A	\$0.00	N/A
	<i>\$0.00</i>	\$0.00	N/A	\$0.00	N/A
Sub-total	\$218,030.00	\$215,730.00	N/A	\$0.00	N/A

Total for all systems	\$893,854.50	\$878,077.00	N/A	\$0.00	N/A
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Components

Actual Information	
Description	File Name
Low VHF-Low Power, Top Mount, Other, 3.0kW input, Circular	<p>Component Description: Down Payment Invoice for VHF antenna, transmission line, transmission line components.</p> <p>Amount: \$229,746.00</p>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of transmission line and antenna	Information not provided.
	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	\$33,172.00	\$24,322.00		\$0.00	
VHF Mask Filter connections	\$0.00	\$0.00	N/A	\$0.00	N/A
Interior RF Systems: Inside RF system including switching, patch panels and dehydrators	\$24,322.00	\$24,322.00	N/A	\$0.00	N/A
Flexible Air Transmission Line - dielectric, 3"	\$8,850.00	\$0.00	N/A	\$0.00	N/A
Sub-total	\$33,172.00	\$24,322.00	N/A	\$0.00	N/A
Total for all systems	\$893,854.50	\$878,077.00	N/A	\$0.00	N/A

Components

Actual Information	
Description	File Name
VHF Mask Filter connections	Information not provided.
Interior RF Systems: Inside RF system including switching, patch panels and dehydrators	<div>Component Description: Invoice subtotal for transmission line and related components.</div> <div>Amount: \$24,322.00</div>

Flexible Air Transmission Line - dielectric, 3"	<div>Component Description:</div> <div>Amount:</div> <div>Cost of transmission line is included. N/A</div>
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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 BANT	\$290,000.00	\$290,000.00		\$0.00	
Structural Study	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Tower Helicopter Lift	<i>\$285,000.00</i>	\$285,000.00	N/A	N/A	N/A
Complex Tower (includes, e.g., towers with candelabras and /or stacked antennas)	<i>\$0.00</i>	\$0.00	N/A	\$0.00	N/A
Sub-total	\$290,000.00	\$290,000.00	N/A	\$0.00	N/A
Total for all systems	\$893,854.50	\$878,077.00	N/A	\$0.00	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 Justification
Outside Professional Services	\$159,357.50	\$155,190.00		\$0.00	
Construction Management Services	<i>\$88,010.00</i>	\$88,010.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$1,577.50	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$3,025.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$37,980.00	\$37,980.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$1,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$2,102.50	\$2,000.00	N/A	N/A	N/A

Perform engineering study for displacement application	\$1,800.00	\$9,000.00	No UHF channels were available. An exhaustive study was needed to find a channel.	N/A	N/A
Prepare/ Review 399 reimbursement form	\$1,710.00	\$1,700.00	N/A	N/A	N/A
Legal Fees	\$10,000.00	\$10,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$12,100.00	\$1,000.00	N/A	N/A	N/A
Sub-total	\$159,357.50	\$155,190.00	N/A	\$0.00	N/A
Total for all systems	\$893,854.50	\$878,077.00	N/A	\$0.00	N/A

Components

Actual Information	
Description	File Name
Construction Management Services	<p>Component Description: On-site project management, engineering services, antenna installation and assembly oversight.</p> <p>Amount: \$88,010.00</p>
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	Information not provided.

Project management of the transition	Information not provided.
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 displacement application	Information not provided.
Prepare/ Review 399 reimbursement form	Information not provided.
Legal Fees	Information not provided.
RF Exposure Measurements	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	\$17,295.00	\$16,835.00		\$0.00	
Equipment Storage	<i>\$6,000.00</i>	\$6,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 Major change CP application	\$4,960.00	\$4,500.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$3,000.00</i>	\$3,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$3,000.00</i>	\$3,000.00	N/A	N/A	N/A
Sub-total	\$17,295.00	\$16,835.00	N/A	\$0.00	N/A
Total for all systems	\$893,854.50	\$878,077.00	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	\$893,854.50	\$878,077.00
			\$0.00

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	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.

**GUENTER
MARKSTEINER**
LICENSEE

06/09/2021

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>GUENTER MARKSTEINER <i>LICENSEE</i></p> <p>06/09/2021</p>

Attachments