

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 83929 Service: DTV Call WHDT Channel: 34 (UHF)

Sign:

ID: File

0000028620

Number:

FRN: **0002710192** Date **08/05**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS LLC Doing Business As: SCRIPPS MEDIA, INC.	David Giles 312 Walnut Street 28th Floor Cincinnati, OH 45202 United States	+1 (513) 977- 3000	DAVE. GILES@SCRIPPS. COM	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact 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

s	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	
Manufacturer and Type	Model	CST-II
	Year	2013
	Туре	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
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitte **Other Transmitter Cost Not Listed**

Transmitter 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	
Manufacturer and Type	Model	CST-II
	Year	2000
	Туре	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 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			
Description N/A HVAC Service Does the replacement transmitter require HVAC Service? Type Cooling Only Size 15 tons Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size Does the Transmitter Building require an addition, modification, other leashold improvement? 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		Length	100.0 feet
HVAC Service Does the replacement transmitter require HVAC Service? 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? Size 900.0 square feet Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is additional field engineering time needed? N/A		Other Electrical Service	No
HVAC Service? Type Cooling Only Size Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Does the Transmitter Building require an addition, modification, other leashold improvement? Size 900.0 square feet Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is additional field engineering time needed? N/A		Description	N/A
Size 15 tons Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size Does the Transmitter Building require an addition, modification, other leashold improvement? 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	HVAC Service		Yes
Transmitter Building Addition/Modification or Leasehold Improvement Size Siz		Туре	_
Transmitter Building Addition/Modification or Leasehold Improvement Size Size Size Size Poos the Transmitter Building require an addition, modification, other leashold improvement? Size 900.0 square feet 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		Size	15 tons
Addition/Modification or Leasehold Improvement Size 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		Other Size	N/A
Channel 14 Costs Is an RF Consulting Engineer needed? Is a channel 14 Mask Filer needed? N/A Is additional field engineering time needed? N/A	Addition/Modification or	addition, modification, other leashold	Yes
Is a channel 14 Mask Filer needed? Is additional field engineering time needed? N/A		Size	
Is additional field engineering time needed? N/A	Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
		Is a channel 14 Mask Filer needed?	N/A
Number of Days N/A		Is additional field engineering time needed?	N/A
		Number of Days	N/A

Primary

Other Transmitter Cost Not Listed

Transmitter Information not provided.

Antennas

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

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	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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

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	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	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.

Other Antenna Costs

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

	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	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

Other Antenna Cost Not Listed

Name	Description
Custom Mounting Brackets	Due to WHDT being in a high-wind area (i. e. Florida), stronger mounting brackets are required. This was overlooked on the original proposal. See change order 3 Jan 2019

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

on 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	Manufacturer	
Line Manufacturer and Type	Туре	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

New Transmission Line

Primary Transmission

n Line Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	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.

Description

Other Transmission Line Expenses Not Listed

Primary Other Transmission Line

Minor changes	Minor changes in line cost. These were
	discovered after installation planning. See
	Invoice MAN00694 line items 4 and 22 from
	Dielectric.

Tower Equipment And Rigging Costs

Section	tion Question	
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	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1028084
Coordinates (NAD83 (Latitude (NAD83)	26° 34' 30.7" N
North American Datum of 1983))	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
39736	WFLX	DTV
20436	WRMF	FM

Primary Tower

Tower Rigging Costs

Section	Question	
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

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	reimbursement filing, expense tracking, vendor coordination, progress reporting, budget creation, budget review, budget tracking, daisychain monitoring and all other activities necessary
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A

	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	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 Ş

Other Professional Services Expenses Not Listed

Services Costs	Description
Engineering Support for CP Extension	Engineering - CP Extension Request
Legal for CP Extension	Legal work relating to request for extension of CP
Power Engineering	Engineering plan to change generator and transfer switch for 380 vac service. Preparation of electrical plan for transmitter room.
Progress Reporting	Prepare and file 6 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.
Progress Reporting - Legal	Review and/or file FCC Form 2100, Schedule 387
RF Consulting Services	Coverage and population counts for alternate site locations
Site Candidate Identification Selection Negotiation	Site Identification Selection and Initial Negotiation Services for potential alternate sites
Reviewing and Preparing Form 399	Legal work to prosecute Form 399 filings

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 Not Listed

Expenses 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
4" Rigid Conduit and Wiring (Cost per foot)	\$10,100.00	\$9,600.00	N/A	\$0.00	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
Auxiliary Transmitter TRN-5XU- 2916D-L	\$699,000.00	\$615,000.00		\$597,900.00	
Other Electrical Service: Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past	\$15,000.00	\$15,000.00	See attached narrative and justification	\$7,900.00	N/A

UHF -	\$684,000.00	\$600,000.00	N/A	\$590,000.00	N/A
Liquid					
Cooled					
Solid State					
Transmitter					
14.2 - 20					
kW					
Sub-total	\$2,691,559.52	\$2,585,119.62	N/A	\$2,414,550.00	N/A
Total for	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A
all					
systems					

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
	Amount:	detail. Final payment. \$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

	Component Description:	Invoice item 4 - Air
		Filtration part of
		the HVAC expense
		item. Amount
		requested reflects
		50% down
		payment.
	Amount:	\$1,710.00
	Component Description:	line item 3 - 12 ton
		HVAC total cost:
		\$11,700.00 50
		percent of total
		cost: \$5,850.00
	Amount:	\$5,850.00
	Common and Dagovinsian	Lina Harry 4. Air
	Component Description:	Line Item 4 - Air
		Filtration unit final
		payment
	Amount:	\$1,710.00
	Component Description:	Line item 3 - AC
		Compressor final
		payment
	Amount:	\$5,850.00
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

UHF - Liquid Cooled Solid		
State Transmitter 52 - 61 kW	Component Description:	Line Item 1 - Final
		Payment for main
		transmitter.
	Amount:	\$892,530.00
	Component Description:	line item 1 - 60kW
		main transmitter
		total cost:
		\$1,785,060.00 50
		percent of total
		cost: \$892,530.00
	Amount:	\$892,530.00
Other Electrical Service:		
Provide new sub panel and wire into transmitter. Also,	Component Description:	line item 7 - step-
wire pumps and heat		down power
exchanger to transmitter.		transformer total
Cost based on past		cost: \$7.900.00 50
experience.		percent of total
	Amount:	cost: \$3,950.00
	Amount.	\$3,950.00
	Component Description:	Line item 7 - Step
		down transformer.
		Final payment.
	Amount:	\$3,950.00
UHF - Liquid Cooled Solid		
State Transmitter 14.2 - 20 kW	Component Description:	line item 2 - 20kW
IN V V		backup transmitter
		total cost:
		\$590,000.00 50
		percent of total
	A	cost: \$295,000.00
	Amount:	\$295,000.00
	Component Description:	Line Item 2 - Final
	Somponent Description.	
		payment for Aux
		payment for Aux transmitter

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	\$214,360.00	\$208,820.00		\$168,498.00	
Custom Mounting Brackets	\$21,600.00	\$21,600.00	Due to WHDT being in a high-wind area (i.e. Florida), stronger mounting brackets are required. This was overlooked on the original proposal. See change order 3 Jan 2019	N/A	N/A
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.	\$9,036.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A

UHF - High	\$170,780.00	\$170,780.00	Current	\$153,702.00	line item 1 -
Power,			antenna		main
Side			was		antenna
Mount,			assembled		total cost:
basic slot			by licensee		\$170,780.00
antenna,			and actual		45 percent
1000 kW			performance		of total cost
input,			on repack		\$76,851.00
directional,,			channel is		
elliptically			unlikely.		
or circularly			Upgrade for		
polarized			new		
			antenna is		
			for elliptical		
			polarization.		
			Upgrade		
			cost was		
			deducted		
			from quote.		
			NOTE:		
			Bottom of		
			quote		
			shows both		
			discount		
			and		
			upgrade		
			deduction.		
Sub-total	\$214,360.00	\$208,820.00	N/A	\$168,498.00	N/A
Total for all systems	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A

Components

Actual Information Description	File Name
Custom Mounting Brackets	Information not provided.

Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)

Component Description: Line item 3, 45%

due prior to

shipment. NOTE: See explanation of cost variance

shown after invoice for non-reimbursable item.

We will not

resubmit this same

invoice in the future in order to

claim the unreimbursed

balance.

Amount: \$4,518.00

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	of existing
antenna	

Component Description: line item 22 -

sweep total cost of item 22: \$6,400.00 45 percent of total cost: \$2,880.00

Amount: \$2,880.00

Component Description: Line item 23, 45%

due prior to

shipment. NOTE: See explanation of cost variance shown after

invoice for non-reimbursable item.

We will not

resubmit this same

invoice in the future in order to

claim the unreimbursed

balance. \$2,880.00

Amount:

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized

Component Description: line item 1 - main

antenna total cost: \$170,780.00 45 percent of total cost: \$76,851.00

Amount: \$76,851.00

Component Description: Line item 1, 45%

due prior to

shipment. NOTE: See explanation of cost variance

shown after invoice for non-reimbursable item.

We will not

resubmit this same

invoice in the future in order to

claim the unreimbursed

balance.

Amount: \$76,851.00

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	\$595,212.00	\$381,627.20		\$339,309.72	
Minor changes	\$5,312.00	\$5,312.00	Minor changes in line cost. These were discovered after installation planning. See Invoice MAN00694 line items 4 and 22 from Dielectric.	\$2,390.40	N/A
Rigid Transmission Line - copper, 8 3 /16"	\$589,900.00	\$376,315.20	See attached quote that includes discount.	\$336,919.32	N/A
Sub-total	\$595,212.00	\$381,627.20	N/A	\$339,309.72	N/A
Total for all systems	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A

Components

Actual Information	
Description	File Name

Minor changes **Component Description:** Line item 22, 45% due prior to shipment. NOTE: See explanation of cost variance shown after invoice for nonreimbursable item. We will not resubmit this same invoice in the future in order to claim the unreimbursed balance. Amount: \$2,390.40 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 **Component Description:** Line item 4, 45% due prior to shipment. NOTE: See explanation of cost variance shown after invoice for nonreimbursable item. We will not resubmit this same invoice in the future in order to claim the unreimbursed balance. \$167,577.48

Amount:

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	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A

Components

Information not provided.

Outside Professional Services

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

Description Outside Professional Services	Predetermined Cost Estimate \$294,066.75	Estimated Cost \$217,152.25	Estimated Cost Justification	Actual Cost \$55,782.75	Actual Cos Justificatio
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
Engineering Support for CP Extension	\$397.50	\$397.50	See Narrative April 2019 and MSW Invoice	\$0.00	See Narrative and MSW Invoice 7047.
Prepare and or review reimbursement form	\$2,630.00	\$6,757.50	Actual cost of budget preparation and entering into 399 form.	\$4,770.00	see itemized invoice 6876. See also invoic
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$3,150.00	N/A	\$3,150.00	N/A

Legal for CP Extension	\$5,274.75	\$5,274.75	See Narrative April 2019 and PWSP Invoice entries	\$5,274.75	See attached Narrative April 201 and PWS invoice.
Progress Reporting - Legal	\$467.00	\$467.00	See Narrative April 2019 and PWSP Invoice entries.	\$467.00	See Narrative April 201 and PWS Invoice entries
Site Candidate Identification Selection Negotiation	\$4,100.00	\$4,100.00	See attached April 2019 Narrative and Tower Engineering Professionals Invoices.	\$0.00	See Apri 2019 Narrative and Towe Engineerin Profession Invoices
Reviewing and Preparing Form 399	\$19,771.25	\$19,771.25	See Narrative April 2019	\$19,771.25	See Apri 2019 Narrative and PWS Invoice entries.
Project management of the transition	\$94,010.00	\$99,675.00	Widelity Strategic Support	N/A	N/A
RF Consulting Services	\$ <i>4</i> ,106.25	\$4,106.25	See Narrative April 2019 and MSW Invoice	\$4,106.25	See attached Narrative April 2019 and MSW Invoice 7009.
Power Engineering	\$10,500.00	\$10,500.00	Design of replacement electrical mains for new transmitters.	\$10,500.00	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
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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$2,973.00	N/A	\$2,973.50	Please se detailed entries ir attached invoiced identified with Preparing and Filing FCC CP application
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$4,730.00	N/A	\$0.00	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
Sub-total	\$294,066.75	\$217,152.25	N/A	\$55,782.75	N/A
Total for all systems	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A

Components

Actual Information Description	File Name	
Progress Reporting	Component Description:	Actual cost of preparing and filing required FCC Progress Report
	Amount:	\$132.50
Engineering Support for CP Extension	Component Description: Amount:	Actual cost of engineering support of CP extension filing. \$397.50
	Amount:	3397.50
Prepare and or review reimbursement form	Component Description: Amount:	Actual cost of 399 budget preparation and filing. \$1,987.50
	, mount	ψ1,507.00
	Component Description:	Form 399 budget preparation
	Amount:	\$4,770.00

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Amount:	Legal fees for addressing shared location matters \$3,150.00
Legal for CP Extension		
	Component Description:	Legal fees for
		submitting required CP
		extension request.
	Amount:	\$5,274.75
Progress Reporting - Legal		
	Component Description:	Legal fees for
		review and
		submission of
		required FCC progress reporting.
	Amount:	\$467.00
Site Candidate Identification		
Selection Negotiation	Component Description:	Site Candidate
		Identification. See
		April 2019
		Narrative
	Amount:	\$2,500.00
	Component Description:	Site Selection and
		Initial
		Negotiations. See
		April 2019
	Amount:	Narrative \$1,600.00
	Amount.	φι,ουυ.υυ
Reviewing and Preparing Form 399		
	Component Description:	Legal work
		necessary to
		prosecute Form
	Amount:	399 to payment \$19,771.25
	Allouit	Ψ10,771.20

Project management of the transition	Information not provided.	
RF Consulting Services	Component Description:	Coverage and population counts in connection with potential alternate tower sites.
	Amount:	\$4,106.25
Power Engineering	Component Description: Amount:	Line item 6 - Eng 2 \$5,250.00
	Component Description:	line item 6 - ENG- 2 total cost: \$10,500.00 50 percent of total cost: \$5,250.00
	Amount:	\$5,250.00
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description: Amount:	Interference Study \$2,650.00
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:	Legal Fees for Preparing and Filing FCC CP Application
	Amount:	\$2,973.50
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	Component Description:	Prepare Form 2100 & Exhibits for filing CP application with
	Amount:	FCC \$2,120.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Previously paid. Ignore or delete this entry N/A
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

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	
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
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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 minor change CP	\$1,110.00	\$1,070.00	N/A	\$0.00	N/A
application					
=	\$11,550.00	\$5,000.00	N/A	\$0.00	N/A

Total for all	\$4,076,475.37	\$3,656,896.17	N/A	\$2,978,140.47	N/A
systems					

Components

Information not provided.

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,076,475.37	\$3,656,896.17	\$2,978,140.47

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

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 abovenamed applicant for the Authorization(s) specified above. Sravan
Reddy ,
Reddy .
Senior
Director,
General
Accounting

08/05/2019

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Sravan
Reddy ,
Reddy .
Senior
Director,
General
Accounting

08/05/2019

Attachments