



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **18410** | Service: **DTV** | Call **WIDP** | Channel: **34 (UHF)** |  
ID: | Sign:  
File **0000026596**  
Number:  
FRN: **0011244886** | Date **10/12**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>EBENEZER BROADCASTING GROUP, INC.</b>	WILLIAM ADORNO PO Box 13428 San Juan, Puerto Rico 00908 Puerto Rico	7879990360	ingenieriaebn@gmail. com	Not-for- Profit

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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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	Both station will be planning the installation at the same time with the same rigger company and possibly using the same transmitter/antenna manufacturer. Both stations are co-located in the same tower and share the building.

## Transmitters

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup used when Main transmitter fail or needs repair /maintenance
	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Affinity
	Year	2000
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	0.5 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	EC701HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	0.7 kW
	Justification for New Transmitter	Existing transmitter manufacturer not longer on the market.

**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	Yes
	Size	1 inches
	Length	30.0 feet
	Other Electrical Service	Yes

	Description	Panel breaker, grounding system, connecting cables.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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

Name	Description
<b>8-Pole Filter</b>	8-Pole Filter 8-VSB adjacent channels
<b>PR Local Taxes</b>	11.5% tax over purchase
<b>Transportation and Shipping</b>	Crating, transportation, shipping costs to Puerto Rico
<b>System Design Service and Site Survey</b>	Visit to coordinate system design, installation and site survey.

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Ultimate TDU2 1K40
	Year	2006
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.4 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	EC703HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.5 kW
	Justification for New Transmitter	Existing transmitter manufacturing company does not exist and/or is not bringing technical support to this transmitter. Transmitter TPO increased to achieve the assigned ERP with the selected antenna and transmission line.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	30.0 feet
	Other Electrical Service	Yes
	Description	Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, etc.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Installation, Commissioning and Proof of Performance</b>	Main TX installation installation, checkout, commissioning, proof of performance, etc.



<b>Transmitter 8-Pole Filter</b>	8-Pole filter to protect adjacent channels from IX.
<b>5 KW RF Package</b>	Includes frame to install filter, system load, directional couplers, 3-port patch. Replace existing RF system (See attachment)
<b>Shipping and Transportation</b>	Crating, shipping and transportation cost to Puerto Rico
<b>PR Local Taxes</b>	11.5% over purchase

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	50.1 kW

Manufacturer	
Model	ALP32M5- HSP-46
Year	2001

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) .....	40.3 kW
	Manufacturer	
	Model	PSILPD24AW-34-CP

Year	2018
Justification for New Antenna	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Antenna Tower Installation</b>	Installation and riggers costs
<b>Elbows</b>	Three 1-5/8" Elbows to connect transmission line to antenna
<b>Transportation Shipping</b>	Crating, shipping, transportation to Puerto Rico
<b>PR Local Taxes</b>	11.5% tax over purchase
<b>Dehydrator</b>	Transmission line dehydrator, accessories.

**Primary  
Antenna**

**Add 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 this antenna currently shared with any other stations?	No
	Is this 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	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	50.1 kW



Manufacturer	
Model	ALP32M5- HSP-46
Year	2001

## 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)	40.3 kW
	Manufacturer	
	Model	PSILPD24AW-34-CP

Year	2018
Justification for New Antenna	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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) .....	20.0 kW
	Manufacturer	
	Model	PSILP8AW- 34
	Year	2018

	Justification for New Antenna	To be used during installation of the new main antenna. Antenna could be used later with the new assigned channel after conversion.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

## Interim Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Antenna Tower Installation</b>	Antenna installation and rigger costs
<b>PR Local Taxes</b>	11.5% local taxes over purchase
<b>Shipping, Transportation</b>	Crating, shipping and transportation to Puerto Rico



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

**Interim Transmission Line**

**New Transmission Line**

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	325 feet per run
	Justification for New Transmission Line	Transmission line to be used with the interim antenna during new main antenna installation. (Transmission line corrected to 325 FT)

**Interim Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
Connectors Adapters	1-5/8" Adapters, connectors
PR Local Taxes	11.5% Tax over purchase



<b>Transmission Line Installation</b>	Installation and rigger costs related to line installation
<b>Transportation Shipping</b>	Crating, shipping, transportation to Puerto Rico

**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	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	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	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1027505
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	18° 16' 37.0" N-
	Longitude (NAD83)	065° 51' 08.0" W-
	Overall Structure Height	265.74 feet
	Support Structure Height	265.74 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2522.94 feet
	Structure Type	LTOWER - Lattice Tower

	Tower Owner	EBENEZER BROADCASTING GROUP INC
	Date Constructed	07/06/2000

**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
67190	WVSN	DTV

#### Other Types of Users

Users
Internet Wirele

#### Primary Tower

#### Tower Modification Costs

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

#### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	N/A
<b>Helicopter Services Required</b>	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Antennas relocation on tower	Some antennas need to be moved to permit the new installations

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	Religious station with limited technical personnel with the expertise necessary to handle this type of project.
<b>Outside RF consulting Engineering Services</b>	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	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	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	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	10

	Justification	Verify installation and coordination with parallel installations in the same tower, buildings. Coordinate channel switching to new frequency with other stations on August 1, 2018.
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**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
 If provided, please provide details of the services provided.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	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**

Name	Description
Station Personnel	Extra time incurred by station personnel and travel expenses.

## 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
<b>Primary Transmitter EC703HP-BB</b>	<b>\$194,803.00</b>	<b>\$172,973.00</b>		<b>\$87,850.52</b>	
PR Local Taxes	<i>\$16,000.00</i>	\$16,000.00	Puerto Rico local taxes (11.5%) over purchases	\$10,235.00	N/A
Shipping and Transportation	<i>\$5,340.00</i>	\$5,340.00	From vendor proposal. Amount corrected.	\$2,670.00	N/A
5 KW RF Package	<i>\$26,036.00</i>	\$26,036.00	From vendor proposal	\$13,018.00	N/A
Transmitter 8-Pole Filter	<i>\$1,847.00</i>	\$1,847.00	From vendor proposal. Amount corrected.	\$923.50	N/A
Installation, Commissioning and Proof of Performance	<i>\$15,800.00</i>	\$15,800.00	From vendor proposal	\$7,900.00	N/A

Other Electrical Service: Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, etc.	<b>\$3,000.00</b>	\$3,000.00	Estimated materials and installation costs.	\$1,004.02	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$104,200.00	From vendor proposal	\$52,100.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$780.00	\$750.00	N/A	N/A	N/A
<b>Auxiliary Transmitter EC701HP-BB</b>	<b>\$72,011.00</b>	<b>\$72,011.00</b>		<b>\$31,630.50</b>	
System Design Service and Site Survey	<b>\$15,300.00</b>	\$15,300.00	From vendor proposal	\$7,650.00	N/A
Transportation and Shipping	<b>\$5,340.00</b>	\$5,340.00	Estimated from vendor proposal. Amount corrected.	\$2,670.00	N/A
PR Local Taxes	<b>\$8,000.00</b>	\$8,000.00	Puerto Rico 11.5% Tax	N/A	N/A
8-Pole Filter	<b>\$1,471.00</b>	\$1,471.00	From vendor proposal	\$735.50	N/A

Other Electrical Service: Panel breaker, grounding system, connecting cables.	<b>\$1,500.00</b>	\$1,500.00	Electrical connection, materials and installation.	\$575.00	N/A
1" Rigid Conduit and Wiring	<b>\$400.00</b>	\$400.00	Material and installation.	N/A	N/A
UHF - Air Cooled Solid State Transmitter 0.7 kW	<b>\$40,000.00</b>	\$40,000.00	From vendor proposal	\$20,000.00	N/A
<b>Sub-total</b>	\$266,814.00	\$244,984.00	N/A	\$119,481.02	N/A
<b>Total for all systems</b>	\$904,487.00	\$818,997.00	N/A	\$183,130.84	N/A

## Components

Actual Information	
Description	File Name
PR Local Taxes	<p><b>Component Description:</b> Puerto Rico Local Taxes for Transmitter</p> <p><b>Amount:</b> \$10,235.00</p>

Shipping and Transportation	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Ground transportation to the transmission site.  \$400.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Airport Entry Cargo Fees  \$709.38 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Item #3 50% Contract Price  \$2,670.00 </div> </div>
5 KW RF Package	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Item #6 50% Contract Price  \$13,018.00 </div> </div>
Transmitter 8-Pole Filter	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Item #6 (8 pole Filter) 50% Contract Price  \$923.50 </div> </div>
Installation, Commissioning and Proof of Performance	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Item #1 (Installation) 50% Contract Price  \$7,900.00 </div> </div>
Other Electrical Service: Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, etc.	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Electrical Parts  \$1,004.02 </div> </div>

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<b>Component Description:</b>  <b>Amount:</b>	Item #1 (2.5Kw Transmitter) 50% Contract Price \$52,100.00
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
System Design Service and Site Survey	<b>Component Description:</b>  <b>Amount:</b>	Item #5 (System Design) 50% Contract Price \$7,650.00
Transportation and Shipping	<b>Component Description:</b>  <b>Amount:</b>	Item #4 (Shipping) 50% Contract Price \$2,670.00
PR Local Taxes	Information not provided.	
8-Pole Filter	<b>Component Description:</b>  <b>Amount:</b>	Item #2 (Aux 8 Pole Filter) 50% Contract Price \$735.50
Other Electrical Service: Panel breaker, grounding system, connecting cables.	<b>Component Description:</b>  <b>Amount:</b>	Labor of the Electrician \$575.00
1" Rigid Conduit and Wiring	Information not provided.	
UHF - Air Cooled Solid State Transmitter 0.7 kW	<b>Component Description:</b>  <b>Amount:</b>	Item #2 (.7 Kw Aux Transmitter) 50% Contract Price \$20,000.00

## 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
<b>Interim Antenna PSILP8AW-34</b>	<b>\$26,680.00</b>	<b>\$26,350.00</b>		<b>\$14,825.00</b>	
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	<i>\$11,550.00</i>	\$11,550.00	Vendor proposal	\$11,550.00	N/A
Shipping, Transportation	<i>\$3,500.00</i>	\$3,500.00	Estimated. Waiting for final costs	\$3,275.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
PR Local Taxes	<i>\$1,400.00</i>	\$1,400.00	Puerto Rico 11.5% Tax	N/A	N/A
Antenna Tower Installation	<i>\$3,500.00</i>	\$3,500.00	Estimated. Waiting final quote.	N/A	N/A
<b>Primary Antenna PSILPD24AW-34-CP</b>	<b>\$108,418.00</b>	<b>\$106,678.00</b>		<b>\$25,353.37</b>	

UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	<b>\$46,778.00</b>	\$46,778.00	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.	\$23,225.00	N/A
Dehydrator	<b>\$4,500.00</b>	\$4,500.00	To pressurize with dry air the transmission line and antenna	\$2,128.37	N/A
Transportation Shipping	<b>\$4,500.00</b>	\$4,500.00	Estimated. Vendor will provide final cost.	\$0.00	N/A
Elbows	<b>\$2,000.00</b>	\$2,000.00	Five 3-1/8" elbows cost, shipping, installation	N/A	N/A
Antenna Tower Installation	<b>\$10,000.00</b>	\$10,000.00	Estimated until rigger provide final cost.	N/A	N/A



Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
PR Local Taxes	\$5,500.00	\$5,500.00	Puerto Rico 11.5% Tax	N/A	N/A
<b>Primary Antenna PSILPD24AW-34-CP</b>	<b>\$35,140.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A

Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	\$0.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$170,238.00	\$133,028.00	N/A	\$40,178.37	N/A
<b>Total for all systems</b>	\$904,487.00	\$818,997.00	N/A	\$183,130.84	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	<p><b>Component Description:</b> Final 50% Interim 8 bay antenna.</p> <p><b>Amount:</b> \$5,775.00</p> <p><b>Component Description:</b> 50% Down payment due with order. Balance due prior to shipment.</p> <p><b>Amount:</b> \$5,775.00</p>
Shipping, Transportation	<p><b>Component Description:</b> Freight Charge</p> <p><b>Amount:</b> \$3,275.00</p>
Sweep test of existing antenna	Information not provided.
PR Local Taxes	Information not provided.
Antenna Tower Installation	Information not provided.

UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	<p><b>Component Description:</b> 50% cost current market value. (Station pay upgrade difference Price)</p> <p><b>Amount:</b> \$23,225.00</p>
Dehydrator	<p><b>Component Description:</b> Final 50 % Item #8 APD-20D Air Dehydrator</p> <p><b>Amount:</b> \$1,064.00</p> <p><b>Component Description:</b> First 50% item #8</p> <p><b>Amount:</b> \$1,064.37</p>
Transportation Shipping	Information not provided.
Elbows	Information not provided.
Antenna Tower Installation	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.
PR Local Taxes	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

Sweep test of existing antenna	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	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
Interim Transmission Line	\$18,750.00	\$17,850.00		\$4,127.45	
Transportation Shipping	<i>\$3,500.00</i>	\$3,500.00	Estimated crating and transportation to Puerto Rico. Waiting for final costs from vendor.	\$505.80	N/A
Transmission Line Installation	<i>\$4,000.00</i>	\$4,000.00	Estimated until rigger provide costs.	N/A	N/A
PR Local Taxes	<i>\$950.00</i>	\$950.00	Puerto Rico 11.5% Tax	N/A	N/A
Connectors Adapters	<i>\$2,500.00</i>	\$2,500.00	N/A	\$1,596.90	N/A
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,800.00	\$6,900.00	N/A	\$2,024.75	N/A
Sub-total	\$18,750.00	\$17,850.00	N/A	\$4,127.45	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$183,130.84	N/A

Components

Actual Information	
Description	File Name

Transportation Shipping	<b>Component Description:</b> First 50% Packing Fee Item #9 <b>Amount:</b> \$86.26
	<b>Component Description:</b> Final 50% Packing Fee Item #9 <b>Amount:</b> \$86.25
	<b>Component Description:</b> Freight Charge <b>Amount:</b> \$333.29
Transmission Line Installation	Information not provided.
PR Local Taxes	Information not provided.
Connectors Adapters	<b>Component Description:</b> Final 50% Connectors supplies. Items # 2, 3, 4, 5, 6, 7 - PSJ-158EIA 1-5/8" EJA Connector for 1-5/8" -CONN FEE Connector - CLAMP-158 Hanger Kits, Bolit-On -RMA-BI Round Member - Adapter Kit 2-3" - HOIST I-I 58L - GKFORM60-I 58 <b>Amount:</b> \$798.45
	<b>Component Description:</b> First 50% Connectors supplies. Items # 2, 3, 4, 5, 6, 7. <b>Amount:</b> \$798.45

Flexible Foam Transmission  
Line - dielectric, 1 5/8"

**Component Description:**

Final 50%  
Transmission Line  
Item #1

**Amount:**

\$1,012.37

**Component Description:**

First 50%  
Transmission Line  
Item #1

**Amount:**

\$1,012.38

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 LTOWER	\$272,500.00	\$259,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Antennas relocation on tower	<i>\$4,000.00</i>	\$4,000.00	Estimated	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
Sub-total	\$272,500.00	\$259,000.00	N/A	\$0.00	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$183,130.84	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 Justification
<b>Outside Professional Services</b>	<b>\$96,195.00</b>	<b>\$84,750.00</b>		<b>\$19,344.00</b>	
Additional Field Engineering Service, 10 Days	<i>\$5,000.00</i>	\$5,000.00	10 days @ \$500 per day professional services	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$31,600.00	\$24,000.00	N/A	\$19,344.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$96,195.00</b>	<b>\$84,750.00</b>	<b>N/A</b>	<b>\$19,344.00</b>	<b>N/A</b>

<b>Total for all systems</b>	\$904,487.00	\$818,997.00	N/A	\$183,130.84	N/A
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## Components

<b>Actual Information</b>	
<b>Description</b>	<b>File Name</b>
Additional Field Engineering Service, 10 Days	Information not provided.
RF Exposure Measurements	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Project management of the transition	<div> <b>Component Description:</b> Project Engineering Management Services </div> <div> <b>Amount:</b> \$19,344.00 </div>

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	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
<b>Other Expenses</b>	<b>\$79,990.00</b>	<b>\$79,385.00</b>		<b>\$0.00</b>	
Station Personnel	<i>\$14,300.00</i>	\$14,300.00	See attachment "WIDP Station Personnel Expenses"	N/A	N/A
MVPD Notification of Channel Change	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Equipment Storage	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$79,990.00	\$79,385.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$904,487.00	\$818,997.00	N/A	\$183,130.84	N/A

## Components

Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$904,487.00	\$818,997.00
			\$183,130.84

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	



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.

<p>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.</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><b>Ricardo Montanez ,</b>  <b>Rdo. .</b>  <i>President</i></p> <p>10/12/2018</p>

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"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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><b>William Adorno ,</b>  <b>Rdo .</b>  <i>General Manager</i></p> <p>10/12/2018</p>

## Attachments