

(REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

Service: DTV Channel: 24 (UHF) Facility Call **WPXJ-TV** Sign:

ID:

File 0000028307

Number:

FRN: 0030297451 Date 06/10

> Submitted: /2021

#### **Applicant** Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
INYO Broadcast Licenses, LLC Doing Business As: INYO Broadcast Licenses, LLC	Michelle Brester 3110 W California Avenue Suite C Salt Lake City, UT 84104 United States	+1 (435) 414- 1338	MBrester@inyotv.	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
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The Preparer is same as the reimbursement contact.

## 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	Relocate from ASR #1059111 to ASR #1045315. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel. Interim antenna will be needed to make phase deadline.

## **Transmitters**

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

## Primary Transmitter

## **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Millennium
	Year	1999
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 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	HPTV- PRLX-U14
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	22.7 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer

## 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	No
	Size	N/A

	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	Other
	Other Size	12 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

## Primary Transmitter

## Other Transmitter Cost Not Listed

Name	Description
RF interconnect	Interconnect between RF System and transmission line
Removal of existing equipment	Removal of existing transmitters and equipment / Site prep

#### **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	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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)	455.0 kW

Manufacturer	
Model	ATW 18HS2- HTPX-23S
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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top 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)	500.0 kW
	Manufacturer	
		'

Model	ATW23H3- ETO10-24H
Year	2019
Justification for New Antenna	Current slot antenna can not be re- channeled

### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	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	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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** 

Information not provided.

#### Interim Antenna

## **New Antenna Costs**

Section	Question	Response
New Antenna Description	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
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	25.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	150.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

Justification for New Antenna	Interim
	antenna
	needed to
	meet phase
	change
	deadline.
	ION used
	previously
	purchased
	antenna for
	interim
	operations.

#### Interim Antenna

### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

### Interim Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

Transmission <sup>Seffien</sup>	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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1121 feet per run

# Primary Transmission

### **New Transmission Line**

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?	Yes
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1060 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

## Primary

## Other Transmission Line Expenses Not Listed

Transmission Line		Description
	Sweep existing transmission line	Sweep existing transmission line

# 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

### **Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	
	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?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1045315
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	42° 46' 58.0" N-
	Longitude (NAD83)	078° 27' 27.0" W-
	Overall Structure Height	1048.87 feet
	Support Structure Height	997.04 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1399.92 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	ION Media Television, Inc.
Date Constructed	06/01/1987

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
67784	WNYO-TV	DTV

## Primary Tower

#### **Tower Modification Costs**

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

### Primary Tower

### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	No

## Primary Tower

## Other Tower Expenses Not Listed

Name	Description
Structural analysis	Structural analysis

## Primary Tower

## **Existing Tower**

Section	Question	Response
Existing Tower	Type of change	Move Equipment
Description	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?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1059111
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	42° 53′ 42.1″ N-
	Longitude (NAD83)	078° 00' 55.0" W-
	Overall Structure Height	1001.96 feet
	Support Structure Height	949.79 feet
	Ground Elevation Above Mean Sea Level (AMSL)	943.89 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	06/25/1999

## Primary Tower

## **Tower Rigging Costs**

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

## Primary Tower

## Other Tower Expenses Not Listed

Name	Description
Structural Study	Structural study required by landlord

## Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Required by tower landlord
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	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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

## Other Professional Services Expenses Not Listed

I Services Costs	Description
Impact Study	Cost of LPTV Impact Analysis

# 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	Yes
	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	Yes
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 HPTV-PRLX- U14	\$1,216,744.00	\$923,861.00		\$784,851.00	
RF interconnect	\$25,000.00	\$25,000.00	N/A	\$13,747.00	N/A
Removal of existing equipment	\$27,500.00	\$27,500.00	Please see Skyline Equipment Removal EST21351	\$27,500.00	N/A
Other HVAC Service Type: C Size:12 (Other)	\$47,880.00	\$47,880.00	Please see attached Mollenberg- Betz Quote #SS19- 0017.	\$47,880.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$654,117.00	N/A	\$526,360.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	\$169,364.00	\$169,364.00	Please see attached Ferguson Electric Quote #PD19930 and Ferguson Electric Quote #PD20224.	\$169,364.00	N/A
Sub-total	\$1,216,744.00	\$923,861.00	N/A	\$784,851.00	N/A

Total for all	\$2,989,088.94	\$2,239,644.75	N/A	\$1,648,727.03	N/A
systems					

## Components

Actual Information Description	File Name	
RF interconnect	Component Description:	Cost of pieces for interconnect to transmission line. Supporting
	Amount:	documentation is attached. \$13,747.00
Removal of existing equipment	Component Description:  Amount:	Cost to remove old transmitter equipment. Supporting documentation is attached and explanation of variance attached. \$27,500.00

Other -- HVAC Service Type: C Size:12 (Other)

Component Description: Progress payment

for labor and installation for HVAC. Supporting documentation is

attached.

**Amount:** \$45,486.00

Component Description: Balance payment

for labor and installation for HVAC. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$2,394.00

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW

Component Description: 50% "progress"

payment on Comark transmitter. Supporting documentation attached.

**Amount:** \$263,180.00

Component Description: 20% "due upon

proof of performance" payment for new transmitter.

Supporting documentation is

attached.

**Amount:** \$105,272.00

Component Description: 30% "deposit"

payment for Comark Transmitter. Supporting documentation attached.

**Amount:** \$157,908.00

Component Description: Cost of surge

suppressor for new

transmitter
package.
Supporting
documentation is

. .

attached.

**Amount:** \$10,915.00

Other Electrical Service: Electrical Installation for replacement transmitter

Component Description: Cost of transmitter

building interior electrical work for

transmitter installation. Supporting

documentation is

attached.

**Amount:** \$135,600.00

Component Description: Cost of installation

and connection of surge suppressor.

Supporting

documentation is

attached.

**Amount:** \$33,764.00

# **Cost Information**

#### **Antennas**

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

Description Interim Antenna TFU-WB-8	Predetermined Cost Estimate \$108,430.00	Estimated Cost \$5,517.00	Estimated Cost Justification	Actual Cost \$5,517.00	Actual Cost Justification
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$3,367.00	N/A	\$3,367.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$0.00	ION used previously purchased antenna for interim operations.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$2,150.00	N/A	\$2,150.00	N/A
Primary Antenna ATW23H3- ETO10-24H	\$308,530.00	\$231,742.00		\$165,982.90	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$9,829.40	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$213,642.00	V-Pol cost not included in reimbursement request	\$149,903.50	N/A
Sub-total	\$416,960.00	\$237,259.00	N/A	\$171,499.90	N/A
Total for all systems	\$2,989,088.94	\$2,239,644.75	N/A	\$1,648,727.03	N/A

## Components

<b>Actual Information</b>		
Description	File Name	

Elbow complex, single channel, at antenna input, **Component Description:** Cost of equipment per 6 1/8. feedline (if for interim elbow needed) complex. Supporting documentation attached. Invoice has been paid. Amount: \$1,242.00 **Component Description:** Cost of equipment for interim elbow complex. Supporting documentation attached. Invoice has been paid. Amount: \$2,125.00 UHF - Lower Power Side Information not provided. Mount, One station antenna - medium power (50-200 kW), horizontally polarized Sweep test of existing antenna **Component Description:** Cost for sweep of existing transmission line and antenna for interim operations. Supporting documentation attached. Invoice has been paid. Amount: \$2,150.00 Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

Component Description: 10% "net invoice

after proof of performance" for primary elbow complex.

Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$982.94

Component Description: 40% "invoiced prior

to shipment" for primary elbow complex.
Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$3,931.76

Component Description: 15% "payment with

order" for primary antenna elbow complex.

Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$1,474.41

Component Description: 35% payment

"upon

manufacturing" for primary antenna elbow complex. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$3,440.29

**Component Description:** 35% payment

"upon

manufacturing" for primary antenna elbow complex. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$3,440.29

Component Description: 15% "payment with

order" for primary antenna elbow complex.

Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$1,474.41

Sweep test of existing antenna

Component Description: 40% "invoiced prior

to shipment" for repack sweep operations. Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$2,500.00

Component Description: 15% "payment with

order" for repack sweep of primary

antenna operations. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$937.50

Component Description: 35% payment

"upon

manufacturing" for repack sweep of primary antenna operations. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$2,187.50

Component Description: 15% "payment with

order" for repack sweep of primary

antenna operations. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$937.50

Component Description: 35% payment

"upon

manufacturing" for repack sweep of primary antenna operations. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$2,187.50

Component Description: 10% "net invoice

after proof of performance" for repack sweep of primary antenna operations. Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$625.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized **Component Description:** 35% payment

"upon

manufacturing" for primary antenna. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$51,143.22

Component Description: 40% "invoiced prior

to shipment" of primary antenna. Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$58,449.40

**Component Description:** 15% "payment with

order" for primary

antenna.

Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$21,918.53

Component Description: 10% "net invoice

after proof of performance" of primary antenna. Explanation of variance form and

supporting

documentation is

attached.

**Amount:** \$14,612.35

Component Description: 35% payment

"upon

manufacturing" for primary antenna.
Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$51,143.22

Component Description: Cost to supply and

install new LED beacon on top of

antenna.
Supporting

documentation is

attached.

**Amount:** \$3,780.00

Component Description: 15% "payment with

order" for primary

antenna.

Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$21,918.53

### **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	\$220,520.00	\$144,924.80		\$96,595.69	
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$214,120.00	\$138,524.80	Please see attached Electronics Research, Inc. Quote #20180613- 434 Rev B.	\$96,595.69	N/A
Sub-total	\$220,520.00	\$144,924.80	N/A	\$96,595.69	N/A
Total for all systems	\$2,989,088.94	\$2,239,644.75	N/A	\$1,648,727.03	N/A

### Components

Actual Information Description	File Name	
Sweep existing transmission line	Information not provided.	
Rigid Transmission Line - copper, 6 1/8"	Component Description:	"Balance due prior to shipping" payment for air dryer. Supporting documentation is
	Amount:	attached. \$2,093.97

Component Description: 40% "invoiced prior

to shipment" for

primary

transmission line.
Explanation of
variance and
supporting

documentation is attached. Amount is based on 4 inch line baseline quote.

**Amount:** \$36,963.10

Component Description: 15% "payment with

order" for primary transmission line. Explanation of variance and supporting

documentation is attached. This invoice has been paid. Amount is based on 4 inch line baseline quote.

**Amount:** \$13,861.16

Component Description: 50% "deposit with

order" for air dryer.

Supporting

documentation is

attached.

**Amount:** \$2,093.97

Component Description: 10% "net invoice

after proof of performance" for

primary

transmission line.
Explanation of variance and supporting documentation is attached. Amount is based on 4 inch

is based on 4 inch line baseline quote.

**Amount:** \$9,240.78

Component Description: 35% payment

"upon

manufacturing" for

primary

transmission line. Explanation of variance and supporting documentation is

attached. This
invoice has been
paid. Amount is
based on 4 inch
line baseline quote.

**Amount:** \$32,342.71

## **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 TOWER	\$625,800.00	\$387,760.01		\$281,500.01	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$13,410.00	N/A	\$7,150.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	N/A	N/A

Primary Tower TOWER	\$214,420.00	\$278,670.00		\$278,670.00	
			for rounding.		
			adjustment		
			One penny		
antonnas <i>j</i>			#3331K-19- 0410-02B.		
antennas)			#SSJR-19-		
stacked			Quote		
candelabras and/or			Towers		
tnose with candelabras			attached Northeast		
example, those with			Please see		
(includes, for			services.		
Tower			tower		
Complex	\$421,000.00	\$253,850.01	Cost for	\$253,850.01	N/A
			2019.		
			dated 05-30-		
			Quote		
			Consultants		
			Structural		
			Elevated		
			2018, and		
			dated 8-13-		
			Quote		
			Consultants		
			Structural		
			Elevated		
			2018,		
			dated 8-2-		
			Quote		
			Consultants		
			Structural		
			Elevated		
			attached		
			Please see		
analysis			analysis.		
analysis			structural		

Tall Tower (greater than 500')	\$210,500.00	\$274,750.00	Please see attached WPXJ Northeast Tower Quote and Helicopter Justification. \$50k deposit invoice was used to	\$274,750.00	N/A
			secure services on		
			other tower		
Structural Study	\$3,920.00	\$3,920.00	Amount charged by landlord for structural study	\$3,920.00	N/A
Sub-total	\$840,220.00	\$666,430.01	N/A	\$560,170.01	N/A
Total for all systems	\$2,989,088.94	\$2,239,644.75	N/A	\$1,648,727.03	N/A

### Components

<b>Actual Information</b>		
Description	File Name	

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

Component Description: Cost of tower

mapping.
Supporting

documentation is

attached.

**Amount:** \$3,650.00

Component Description: 50% "deposit with

order" for tower

mapping.
Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$3,500.00

Minor tower reinforcement /modifications

orcement Information not provided.

Structural analysis		
Structural allalysis	Component Description:	Cost for structural analysis. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$13,500.00
	Component Description:  Amount:	Cost of structural re-analysis. Supporting documentation is attached. This invoice has been paid. \$4,000.00
	Component Description:	Cost for structural analysis. Supporting

Amount:

documentation is

attached. \$3,000.00 Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description: 1/3 "due antenna

set" payment for tower services. Supporting documentation is

attached.

**Amount:** \$84,616.67

Component Description: 1/3 "due when

mobilize to job site" payment for tower

services.
Supporting

documentation is

attached.

**Amount:** \$84,616.67

Component Description: "Balance due upon

completion"

payment for tower

services.
Supporting

documentation is

attached.

**Amount:** \$84,616.67

Tall Tower (greater than 500')

Component Description: Balance payment

for tower services to remove old antenna equipment. Supporting

documentation and justification for helicopter use attached.

**Amount:** \$74,916.67

Component Description: 1/3rd "due with

signed order" payment for tower

payment for tower services to remove

old antenna equipment. Supporting

documentation and justification for helicopter use attached.

**Amount:** \$74,916.67

Component Description: 1/3rd "due at

Project Start" payment for tower services to remove

old antenna equipment. Supporting

documentation and justification for helicopter use attached.

**Amount:** \$74,916.66

Component Description: Down payment

associated with securing tower service. Note that amount is not additional to cost of

tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached.

**Amount:** \$50,000.00

Structural Study		
	<b>Component Description:</b>	Cost of structural
		study required by
		landlord.
		Supporting
		documentation is
		attached.
	Amount:	\$3,920.00

## **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	\$190,150.00	\$171,780.00		\$6,805.49	
Impact Study	\$500.00	\$500.00	Please see du Treil invoice #243221 with hourly rates for LPTV impact study	\$500.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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	\$4,742.99	Duplicate lin item. ION is only requesting reimburseme for Invoice Dated 5/1 /2018.
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00 \$190,150.00	\$2,000.00 \$171,780.00	N/A	N/A \$6,805.49	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for	\$2,105.00	\$2,000.00	N/A	N/A	N/A
needed					
Comprehensive coverage verification via field study, if	\$84,200.00	\$80,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibit for more information.	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$62.50	N/A

### Components

Actual Information		
Description	File Name	
Impact Study		
	Component Description:  Amount:	Cost of LPTV impact study. Supporting documentation is attached. This invoice has been paid. \$500.00
ASR modification (prepare FCC Form 854)	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application		

Component Description:

Invoice for WPXJ's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Cover letter, hourly supporting documentation and

invoice attached.

**Amount:** \$4,742.99

**Component Description:** 

Invoice for WPXJ's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached

**Amount:** \$4,742.99

Prepare request for Special Temporary Authorization	Amount:  Information not provided.	Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation. \$4,837.97
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:  Amount:	Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid. \$1,500.00

Perform engineering study for new channel assignment and antenna development	Component Description:	Cost of engineering consultant work for new channel assignment ad antenna development. Hourly supporting documentation attached. This invoice has been paid. \$62.50
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	<b>43</b> -33
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Information not provided.	
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	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 Co
Other Expenses	\$104,494.94	\$95,389.94		\$28,804.94	
Equipment Delivery and Handling Charges	\$25,304.94	\$25,304.94	Actual amount charged by vendors for delivery of repack equipment.	\$25,304.94	Estimated cost and sub-total are same amount
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized.	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application         \$335.00         \$325.00         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           DTV Medical Facility Notification         \$11,550.00         \$2,500.00         N/A         \$2,500.00         N/A           MVPD Notification of Channel Change         \$1,000.00         \$1,000.00         N/A         \$1,000.00         N/A           Sub-total         \$104,494.94         \$95,389.94         N/A         \$2,8804.94         N/A           Total for all systems         \$2,989,088.94         \$2,239,644.75         N/A         \$1,648,727.03         N/A						
Fees - Form         2100 minor         change CP         application         DTV Medical       \$11,550.00       \$2,500.00       N/A       \$2,500.00       N/A         Facility       Notification       N/A       \$1,000.00       N/A         MVPD       \$1,000.00       \$1,000.00       N/A       \$1,000.00       N/A         Notification of Channel Change       \$104,494.94       \$95,389.94       N/A       \$28,804.94       N/A         Total for all       \$2,989,088.94       \$2,239,644.75       N/A       \$1,648,727.03       N/A	Fees - Form 2100 license to cover	\$335.00	\$325.00	N/A	N/A	N/A
Facility Notification         MVPD Notification of Channel Change       \$1,000.00       \$1,000.00       N/A       \$1,000.00       N/A         Sub-total       \$104,494.94       \$95,389.94       N/A       \$28,804.94       N/A         Total for all       \$2,989,088.94       \$2,239,644.75       N/A       \$1,648,727.03       N/A	Fees - Form 2100 minor change CP	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Notification of Channel Change       \$104,494.94       \$95,389.94       N/A       \$28,804.94       N/A         Total for all       \$2,989,088.94       \$2,239,644.75       N/A       \$1,648,727.03       N/A	Facility	\$11,550.00	\$2,500.00	N/A	\$2,500.00	N/A
<b>Total for all</b> \$2,989,088.94 \$2,239,644.75 N/A \$1,648,727.03 N/A	Notification of Channel	\$1,000.00	\$1,000.00	N/A	\$1,000.00	N/A
	Sub-total	\$104,494.94	\$95,389.94	N/A	\$28,804.94	N/A
		\$2,989,088.94	\$2,239,644.75	N/A	\$1,648,727.03	N/A

#### Components

Components		
Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description:	Freight charges for TFU-8WB antenna. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$5,675.00

Component Description: Cost of "ship

/handle" for main

transmitter package.
Supporting

documentation is

attached.

**Amount:** \$8,289.14

Component Description: Cost of freight for

interim elbow equipment. Supporting documentation attached. Invoice has been paid.

**Amount:** \$1,132.12

Component Description: Cost of freight for

interim elbow equipment. Supporting documentation attached. Invoice has been paid.

**Amount:** \$375.56

Component Description: Freight and

shipping for antenna package components. Supporting

documentation and justification of expedited freight is attached. This invoice has been

paid.

**Amount:** \$1,132.12

Component Description: Cost of freight

associated with main antenna package. Supporting

documentation is

attached.

**Amount:** \$9,293.77

Component Description: Cost of "ship

/handle" for surge

suppressor.
Supporting

documentation is

attached.

**Amount:** \$167.51

Component Description: Freight associated

with air dryer. Supporting

documentation is

attached.

**Amount:** \$371.84

Component Description: Freight and

shipping for

antenna package components.
Supporting

documentation is

attached.

**Amount:** \$1,132.12

Develop and air announcement of upcoming

channel change

Information not provided.

Equipment Storage Information not provided.

Disposal Costs (for equipment and other waste, net of any salvage value) Information not provided.

Non-zoning permits Information not provided.

		channel change through Widelity Inc. Supporting
MVPD Notification of Channel Change	Component Description:	Cost of MVPD notifications of
	Amount:	through Widelity Inc. Supporting documentation attached. \$2,500.00
OTV Medical Facility Notification	Component Description:	Cost of medical
CC Filing Fees - Form 100 minor change CP pplication	Information not provided.	
CC Filing Fees - Form 100 license to cover pplication	Information not provided.	
CC Filing Fees - Special emporary Authorization equest	Information not provided.	
	Information not provided.	

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,989,088.94	\$2,239,644.75	\$1,648,727.03

Reimbursem	enrestiatus	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

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. Grant
Boren
Chief
Financial
Officer

06/10/2021

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. Grant
Boren
Chief
Financial
Officer

06/10/2021

#### **Attachments**