

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

51980 Service: DTV Call WHPX-TV Channel: 28 (UHF) Facility Sign:

0000028444

Number:

ID:

File

FRN: 0030297451 Date 07/30

> Submitted: /2020

#### **Applicant** Information

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

Applicant	Address	Phone	Email	Applicant Type
ION MEDIA HARTFORD LICENSE, INC. Doing Business As: ION MEDIA HARTFORD LICENSE, INC.	Bianca Frye 601 Clearwater Park Road West Palm Beach, FL 33401 United States	+1 (561) 682- 4110	BiancaFrye@ionmedia. com	Corporation

# 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

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 #1237074 to ASR #1041624. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel. Helicopter will be required. No interim facilities needed.

#### **Transmitters**

rs	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	Auxiliary (Backup)
	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	DCX
	Year	2003
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 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?	Yes
	Manufacturer	
	Model	HPTV- PRLX-U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

# 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	Installation of auxiliary transmitter
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 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

# 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	7k Series
	Year	2010
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 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-U16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	27.5 kW
	Justification for New Transmitter	See attached document "Nx7000 Series in Repack".

#### Primary Transmitter

#### **Other Transmitter Costs**

Question	Response
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
	Service Entrance (3 phases 800A 208V)  Switchgear (industrial 800 amp)  Transformer (480V)  Power  Rigid Conduit and Wiring  Size  Length

	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	Other
	Other Size	9 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	400.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

#### Primary Transmitter

#### **Other Transmitter Cost Not Listed**

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	Тор
	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)	475.0 kW

Manufacturer	
Model	TFU-31JTT- T 3BP250
Year	2002

#### **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	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	
		1

Model	TFU-21ETT /VP-R C170
Year	2019
Justification for New Antenna	Current slot antenna cannot be re- channeled

#### **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	6 1/8 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** 

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)	55.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

Justification for New Antenna	Interim
	antenna
	needed to
	complete
	move to
	new
	channel

#### 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	4 1/16 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**

n 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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1367 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?	No
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1400 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

# Other Transmission Line Expenses Not Listed

# Primary

Transmission	Naine	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	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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?	No
Existing Tower	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1041624
Coordinates (NAD83 (	Latitude (NAD83)	41° 42' 13.0" N-
North American Datum of 1983))	Longitude (NAD83)	072° 49' 55.0" W-
	Overall Structure Height	1338.89 feet
	Support Structure Height	1291.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	709.97 feet
		1

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Communications Site Management, LLC
Date Constructed	09/01/1984

#### 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
13602	WEDH	DTV
14050	WCCT-TV	DTV
62175	WJMJ	FM
13595	WEDY	DTV
1910	WRCH	FM
66465	WTIC-FM	FM
1900	WZMX	FM
147	WTIC-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 tower with candelabra
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	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

# Primary Tower

Other Tower Expenses Not Listed

Information not provided.

# 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?	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	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1237074
Coordinates (NAD83 (	Latitude (NAD83)	41° 25' 03.7" N-
North American Datum of 1983))	Longitude (NAD83)	072° 11' 53.2" W-
	Overall Structure Height	1205.04 feet
	Support Structure Height	1088.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	304.79 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	11/07/2002

#### Primary Tower

# **Tower Rigging Costs**

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

#### Primary Tower

# Other Tower Expenses Not Listed

Information not provided.

#### Outside Professional

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 Services Expenses Not Listed
Professional Services ©qstsided.

# 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- U16	\$1,083,994.36	\$633,207.36		\$570,119.51	
Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	N/A	N/A
RF Interconnect	\$25,000.00	\$25,000.00	N/A	\$11,912.15	N/A
Other Building Addition Size: 400.0	\$27,111.56	\$27,111.56	Please see D'Amato Construction Quote #03, D'Amato Core Drill Proposal WHPX, and D'Amato Snow Shield Proposal	\$27,111.56	N/A
Other HVAC Service Type: H Size:9 (Other)	\$34,882.80	\$34,882.80	Supply and install three (3) 3-ton HVAC systems. Please see attached Modern Mechanical Systems, Inc. Quote dated 11-29-2018. Cost estimate includes sales tax.	\$34,882.80	N/A

Other Electrical Service: Electrical Installation for replacement transmitter	\$25,000.00	\$25,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$496,213.00	approved amount for primary transmitter.  399 approved model (U12) was subsequently changed by ION to order a U14 model and then changed again to order a U16 model.  Please see attached Hitachi Comark Primary Transmitter Quotes.	\$496,213.00	N/A
Auxiliary Transmitter HPTV-PRLX- U8	\$634,754.00	\$411,825.00		\$352,799.60	
Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$271,571.00	See attached ION - WHPX Transmitter Purchase Exhibit (Pages 1, 5-7).	\$271,571.00	N/A

RF Interconnect  Other Electrical Service: Installation of auxiliary transmitter	\$25,000.00 \$90,254.00	\$25,000.00 \$90,254.00	N/A  Cost of electrical installation on transmitter	N/A \$81,228.60	N/A N/A
Electrical Service: Installation of auxiliary	\$90,254.00	\$90,254.00	electrical installation on transmitter	\$81,228.60	N/A
			by Eastside Electric, Inc. Please see attached Eastside Electric Quote #118093.		
Sub-total	\$1,718,748.36	\$1,045,032.36	N/A	\$922,919.11	N/A
Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A

# Components

Actual Information Description	File Name	
Removal of Existing Equipment	Information not provided.	
RF Interconnect		
	Component Description:	Cost to install interconnect pieces for WHPX main transmitter. Supporting documentation is attached.
	Amount:	\$8,751.00
	Component Description:	Parts to connect transmitter to transmitter line.
		Supporting documentation is attached.
	Amount:	\$3,161.15

Other -- Building Addition

Size: 400.0

Component Description: Cost to extend

snow shield over heat exchangers.

Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$3,828.00

Component Description: Cost to renovate

transmitter building for enlarged space requirements.
Supporting documentation is attached. This invoice has been

paid.

**Amount:** \$20,394.66

Component Description: Cost of fencing

around heat
exchangers to
facilitate filter
cleaning.
Supporting
documentation is

attached. This invoice has been

paid.

**Amount:** \$2,888.90

Other -- HVAC Service Type: H Size:9 (Other)

Component Description: Cost to supply and

install three (3) 3-ton HVAC systems.

Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$34,882.80

Other Electrical Service: Electrical Installation for replacement transmitter	Information not provided.	
UHF - Liquid Cooled Solid		
State Transmitter 21 - 31 kW	Component Description:	Cover letter and explanation of variance form attached. 20% Progress Payment for 20kW FCC approved reimbursable transmitter size. Supporting documentation attached.
	Amount:	\$99,242.60
	Component Description:  Amount:	30% "deposit" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid. \$148,863.90
	Component Description:	50% "progress" payment on Comark transmitter. Supporting documentation

Amount:

attached. \$266,030.00 Component Description: Downward

adjustment for

previous

reimbursement

request.

**Amount:** (\$266,030.00)

Component Description: 30% "deposit"

payment for Comark Transmitter. Supporting documentation attached. This invoice has been

paid.

**Amount:** \$159,618.00

Component Description: 50% "progress"

payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been

paid.

**Amount:** \$248,106.50

Component Description: Downward

adjustment for

previous

reimbursement

request.

**Amount:** (\$159,618.00)

Removal of Existing Equipment

Information not provided.

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW

Component Description: 20% "upon proof of

performance" payment for 10kw FCC approved auxiliary

transmitter. Cover letter, explanation of variance, and supporting documentation is

attached. This invoice has been

paid.

**Amount:** \$54,314.20

Component Description: 30% "deposit due

with order" and 50% "due within 60

days of order" (80% total)

payment for 10kw FCC approved

auxiliary

transmitter. Cover letter, explanation of variance, and supporting

documentation is

attached.

**Amount:** \$217,256.80

**RF** Interconnect

Information not provided.

Other Electrical Service: Installation of auxiliary transmitter

**Component Description:** 60% payment for

electrical
installation for
transmitter.
Supporting
documentation is
attached. This

invoice has been

paid.

**Amount:** \$54,152.40

**Component Description:** 30% progress

payment for electrical installation for transmitter. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$27,076.20

Component Description: 10% balance

payment for electrical installation for transmitter. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$9,025.40

**Component Description:** 10% balance

payment for electrical installation for transmitter. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$9,025.40

# **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
Interim Antenna TFU-WB-8	\$105,700.00	\$83,593.00		\$52,726.50	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$70,000.00	The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have reentered the original cost estimate that ties to our original submission while the technical issue is resolved.	\$44,925.00	Per reviewer's request, we are resubmitting the following invoices due to technical error within LMS.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$7,193.00	N/A	\$7,801.50	Actual Cost of interim elbow complex and interim antenna transformer greater than estimated cost.

Primary Antenna TFU-21ETT /VP-R C170	\$308,530.00	\$272,288.00		\$227,231.00	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$10,298.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$254,188.00	V-Pol cost not included in reimbursement request. Please also see attached Dielectric Change Order dated 1-10-2019.	\$210,533.00	N/A
Sub-total	\$414,230.00	\$355,881.00	N/A	\$279,957.50	N/A
Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A

### Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 45% "down payment" for interim antenna. Supporting documentation attached. This

invoice has been

paid.

**Amount:** \$20,216.25

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 10% "remaining

balance" payment for interim antenna.

Supporting documentation attached. This invoice has been

paid.

**Amount:** \$4,492.50

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been

paid.

**Amount:** \$20,216.25

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)

**Component Description:** 

request, we are resubmitting the following invoice due to technical error: 10% "after install" payment for interim antenna transformer.
Supporting documentation attached. This invoice has been paid.

Per reviewer's

\$368.55

Amount:

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 45% "prior to ship" payment for interim elbow complex.
Supporting documentation attached. This

invoice has been

paid.

**Amount:** \$1,852.20

Component Description: Per reviewer's

request, we are resubmitting the

following invoice due to technical error: 45% "down

payment" for interim antenna transformer. Supporting documentation

attached. This invoice has been

paid.

**Amount:** \$1,658.48

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 45% "down payment" for interim elbow complex.
Supporting documentation

attached. This invoice has been

paid.

**Amount:** \$1,852.20

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 45% "prior to ship" payment for interim antenna transformer.
Supporting documentation attached. This invoice has been

paid.

**Amount:** \$1,658.47

Component Description: Per reviewer's

request, we are resubmitting the following invoice due to technical error: 10% "after install" payment for interim elbow

complex.
Supporting
documentation
attached. This
invoice has been

paid.

**Amount:** \$411.60

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

Component Description: 65% "prior to ship"

payment for primary elbow complex. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$6,693.70

**Component Description:** 10% "after repack

sweep" payment for primary elbow

complex.
Supporting
documentation
attached. This
invoice has been

paid.

**Amount:** \$1,029.80

Component Description: 25% deposit

payment for primary elbow complex.
Explanation of variance form & supporting documentation attached. This invoice has been

paid.

**Amount:** \$2,574.50

Sweep test of existing antenna

Component Description: 65% "prior to ship"

payment for repack sweep of primary

antenna

operations.
Explanation of

variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$4,160.00

Component Description: 25% deposit

payment for repack sweep of primary

antenna operations. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$1,600.00

Component Description: 10% "after repack

sweep" payment for repack sweep of primary antenna

operations.
Supporting
documentation
attached. This
invoice has been

paid.

**Amount:** \$640.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized Component Description: 65% "prior to ship"

payment for primary antenna. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$123,898.45

Component Description: 25% deposit

payment for primary antenna. Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$47,653.25

Component Description: 10% "after repack

sweep" payment for primary antenna.

Explanation of variance form and

supporting documentation attached. This invoice has been

paid.

**Amount:** \$29,061.30

Component Description: Cost of antenna

mounting adapter plate. Supporting documentation is attached. This invoice has been

paid.

**Amount:** \$9,920.00

### **Cost** Information

#### **Transmission Line**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$289,200.00	\$218,763.00		\$186,638.90	
Rigid Transmission Line - copper, 6 1/8"	\$282,800.00	\$212,363.00	N/A	\$186,638.90	N/A
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$289,200.00	\$218,763.00	N/A	\$186,638.90	N/A
Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A

### Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8"	Component Description:	65% "prior to ship" payment for primary transmission line. Supporting documentation attached. This invoice has been
	Amount:	paid. \$115,221.93

Component Description: 65% "prior to ship"

payment for

transmission line

cut pieces.
Supporting
documentation
attached. This
invoice has been

paid.

**Amount:** \$6,770.40

Component Description: 25% deposit

payment for transmission line

cut pieces.
Supporting
documentation
attached. This
invoice has been

paid.

**Amount:** \$2,604.00

Component Description: 25% deposit

payment for primary

transmission line.

Supporting documentation attached. This invoice has been

paid.

**Amount:** \$44,316.13

Component Description: 65% "prior to ship"

payment for primary

transmission line.

Supporting documentation attached. This invoice has been

paid.

**Amount:** \$17,726.44

Sweep existing	Information not provided.
transmission line	

# **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 Primary	Predetermined Cost Estimate \$210,500.00	Estimated Cost \$154,450.00	Estimated Cost Justification	Actual Cost \$88,612.50	Actual Cost Justification
Tower TOWER	·	,			
Tall Tower (greater than 500')	\$210,500.00	\$154,450.00	Please see GTI Antenna Removal Quote Q20- 06-019 WHPX. **Northeast Towers is not performing any work at WHPX. ION is working on getting the \$50k deposit refunded and will in turn refund the FCC**	\$88,612.50	N/A
Primary Tower TOWER	\$599,000.00	\$523,850.00		\$523,850.00	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$501,250.00	Cost for Tower Rigging services from Turris Engineering Inc. Please see attached quote #18- 0780. Cost estimate also includes weather delays from Turris Engineering	\$501,250.00	N/A
Tower Helicopter Lift	\$0.00	\$0.00	A helicopter was used to install antenna, but was not itemized in the quote from Turris Engineering.	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$12,800.00	Cost for structural analysis work from Turris Engineering Inc. Please see attached quote #18- 0443.	\$12,800.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$9,800.00	Please see Turris 18- 1387 Plumb and Tension WHPX	\$9,800.00	N/A
Sub-total	\$809,500.00	\$678,300.00	N/A	\$612,462.50	N/A
Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A

#### Components

Actual Information Description	File Name	
Tall Tower (greater than		
500')	Component Description:	25% "deposit" for tower services to remove pre-repack equipment. Supporting documentation and explanation of variance are attached.
	Amount:	\$38,612.50
	Component Description:  Amount:	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. \$50,000.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)		

Component Description: 10% "upon

mobilization" plus

15% "when

materials are ready to be shipped"

(25% total)

payment for tower service. Supporting documentation is attached. This invoice has been

paid.

**Amount:** \$105,825.00

**Component Description:** Cost of weather

delays during tower services for

May 2019. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$2,300.00

Component Description: Cost for project

insurance for tower service. Supporting documentation is attached. This invoice has been

paid.

**Amount:** \$18,150.00

Component Description: Cost for downtime

for tower crew due to bad weather days during the month of April, 2019. Supporting documentation is attached. This invoice has been

paid.

**Amount:** \$20,700.00

Component Description: 25% "down

payment" for tower service. Supporting documentation attached. This invoice has been

paid.

**Amount:** \$105,825.00

Component Description: Cost for downtime

for tower crew due to 7 days bad weather days during the month of

February, 2019.
Supporting
documentation is
attached. This

invoice has been

paid.

**Amount:** \$21,850.00

Component Description: 10% "completion

and acceptance" payment for tower

services.
Supporting

documentation is

attached.

**Amount:** \$42,330.00

Component Description: Cost for downtime

for tower crew due to 5 days bad weather days during the month of

March, 2019. Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$14,950.00

**Component Description:** 10% "upon

mobilization of tower field crew" plus 20% "in

progress payments

during field

installation" (30% total) payment for tower service.
Supporting documentation is attached. This

invoice has been

paid.

**Amount:** \$126,990.00

Component Description: Cost for downtime

for tower crew due to bad weather days during the month of April, 2019. Supporting documentation is

attached.

**Amount:** \$20,700.00

	Component Description:  Amount:	10% "Antenna is installed" payment for tower service. Supporting documentation is attached. This invoice has been paid. \$42,330.00
Tower Helicopter Lift	Information not provided.	
Structural engineering tower load study for a documented tower with candelabra	Component Description:  Amount:	50% remaining balance payment for tower structural study. Supporting documentation is attached. This invoice has been paid. \$6,400.00
	Component Description:  Amount:	50% deposit payment for tower structural study. Supporting documentation attached. This invoice has been paid. \$6,400.00
Minor tower reinforcement /modifications	Component Description:  Amount:	Cost to plum and tension tower as a result of structural analysis. Supporting documentation is attached. This invoice has been paid. \$9,800.00

# **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	\$189,650.00	\$171,280.00		\$1,562.50	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	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	\$0.00	N/A

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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$62.50	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
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A
Sub-total	\$189,650.00	\$171,280.00	N/A	\$1,562.50	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	\$28,440.00	\$18,530.00	See AT Exhibit for more information.	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	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
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

### Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, 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:  Amount:	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 request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	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:  Amount:	Cost of engineering study for new channel assignment and 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.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
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.	
Project management of the transition	Information not provided.	
Prepare and or review reimbursement form	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 Cos
Other Expenses	\$89,590.00	\$81,485.00		\$5,562.42	
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
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	N/A	\$662.42	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	\$3,500.00	N/A	\$3,500.00	N/A
MVPD Notification of Channel Change	\$1,400.00	\$1,400.00	N/A	\$1,400.00	N/A
Sub-total	\$89,590.00	\$81,485.00	N/A	\$5,562.42	N/A
Total for all systems	\$3,510,918.36	\$2,550,741.36	N/A	\$2,009,102.93	N/A

### Components

Actual Information Description	File Name	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:  Amount:	Cost of freight for antenna parts. Supporting documentation is attached. \$662.42
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	

Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description:  Amount:	Cost of medical notifications for channel change. Supporting documentation is attached. This invoice has been paid. \$3,500.00
	Component Description:  Amount:	Cost of medical notifications through Widelity Inc. Supporting documentation attached. This invoice has been paid. \$3,500.00

# MVPD Notification of Channel Change

Component Description: Cost of MVPD

notifications for channel change.

Supporting

documentation is attached. This invoice has been

paid.

**Amount:** \$1,400.00

Component Description: Cost of MVPD

notifications of channel change through Widelity Inc. Supporting docmentation attached. This invoice has been

paid.

**Amount:** \$1,400.00

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,510,918.36	\$2,550,741.36	\$2,009,102.93

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.

### Mario Vasquez

Vice
President Finance,
Operations

07/30/2020

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. Mario
Vasquez
Vice
President Finance,
Operations

07/30/2020

#### **Attachments**