Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **68695** | Service: **DTV** | Call Sign: **KPXC-TV** | Channel: **18 (UHF)**

File Number: **0000028374**

FRN: **0030297451** | Date Submitted: **02/28/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION MEDIA DENVER LICENSE, INC. Doing Business As: ION MEDIA DENVER LICENSE, INC.	Bianca Frye 601 Clearwater Park Road West Palm Beach, FL 33401 United States	+1 (212) 603-8407	BiancaFrye@ionmedia.com	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

Broadcaster Information and Transition Plan

Question	Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Relocate from ASR #1254146 to ASR #1034537. No interim facilities needed. Construct post-repack facilities at alternate location pursuant to CP authorization. Install new transmitter, RF system, transmission line, and antenna on post-repack channel.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	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 and Type	Manufacturer	
	Model	Paragon
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	THU9-16 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.5 kW
	Justification for New Transmitter	Transmitter replacement is more cost effective then re-tune of Paragon transmitter. See attached exhibit. 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)	Yes
	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
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	450.0 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
Removal of existing equipment	Removal of existing transmitters and equipment / Site prep
RF Interconnect	Interconnect between RF System and transmission line

Antennas

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

Primary Antenna

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	Amercian Tower
	Site	N/A
	Is this antenna currently shared with any other stations?	Yes
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	14
	Design power capacity in use	50.0 %
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TUD-C5-14 /70H-2-B
Year	2009

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
166510	KPJR-TV

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	330.0 kW
	Manufacturer	

	Model	TFU-18DSC /VP-R C170
	Year	2018
	Justification for New Antenna	Needed for post-repack channel operations.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1172 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
166510	KPJR-TV

Primary Transmission Line

New Transmission 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
	Type	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	1100 feet per run
	Justification for New Transmission Line	Needed for post-repack channel operations.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

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?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1034537
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 05' 47.3" N-
	Longitude (NAD83)	104° 54' 05.9" W-
	Overall Structure Height	1169.93 feet
	Support Structure Height	1158.78 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5089.83 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Vertical Bridge Towers, LLC
Date Constructed	06/01/1996

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
59972	KWOF	FM

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

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
Tower Structural Study	Tower Structural Study

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1254146
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 05' 59.0" N-
	Longitude (NAD83)	104° 54' 04.0" W-
	Overall Structure Height	1158.78 feet
	Support Structure Height	996.71 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5089.83 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Towers, LLC

	Date Constructed	07/14/2016

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
166510	KPJR-TV	DTV

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 Services Costs

Section	Question	Response
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 Costs

Other Professional Services Expenses Not Listed

Services not provided.

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

Other Expenses Not Listed

Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Justifi
Primary Transmitter THU9-16 EVO	**$1,165,512.50**	**$772,180.23**		**$666,935.23**	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	$947,000.00	$593,672.66	Correction: See attached Rohde & Schwarz Quote #802-047701.3. Includes $14,888.66 in total taxes payable on order.	$593,672.66	N
Switchgear - industrial 800 amp	$38,200.00	$11,002.07	See attached Cummins Quote #4126000000078480. Taxes payable of $310.07 included.	$11,002.07	N
Other Electrical Service: Electrical installation for replacement transmitter.	***$85,245.00***	$85,245.00	See attached McBride Lighting & Electrical Quote #01.	$30,000.00	N
10 Ton system	$38,900.00	$26,093.00	See attached MTech Mechanical Quote #040218.	$26,093.00	N
Other -- Building Addition Size: 450.0	***$6,167.50***	$6,167.50	See attached Centrum Construction Inc. Quote #01.	$6,167.50	N
Removal of existing equipment	***$25,000.00***	$25,000.00	N/A	N/A	N
RF Interconnect	***$25,000.00***	$25,000.00	N/A	N/A	N

Sub-total	$1,165,512.50	$772,180.23	N/A	$666,935.23	N
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	N

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:**	25% "down payment" for Rohde & Schwarz transmitter. Supporting documentation attached.
	Amount:	$144,696.00
	Component Description:	75% "remaining balance" payment for Rohde & Schwarz. Invoice includes "total" taxes payable on order. Supporting documentation attached.
	Amount:	$448,976.66
Switchgear - industrial 800 amp	**Component Description:**	Cost of Cummins 800amp switch gear. Supporting documentation attached. This invoice has been paid.
	Amount:	$11,002.07

Other Electrical Service: Electrical installation for replacement transmitter.	**Component Description:** **Amount:**	Down payment for electrical installation of Rohde & Schwarz transmitter. Supporting documentation attached. This invoice has been paid. $30,000.00
10 Ton system	**Component Description:** **Amount:**	Cost to supply and install two new 5-ton HVAC systems. Supporting documentation attached. $26,093.00
Other -- Building Addition Size: 450.0	**Component Description:** **Amount:**	Cost to modify internal space in transmitter building to make room for transmitter placement. Supporting documentation attached. This invoice has been paid. $6,167.50
Removal of existing equipment	Information not provided.	
RF Interconnect	Information not provided.	

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-18DSC /VP-R C170	**$501,440.00**	**$212,993.00**		**$153,083.00**	
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	$227,000.00	$120,600.00	See attached Dielectric Quote #700495CMZ-1 (Revised).	$66,330.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	See attached Dielectric Quote #700495CMZ-1 (Revised).	$5,760.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$10,298.00	See attached Dielectric Quote #700495CMZ-1 (Revised).	$10,298.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$16,425.00	See attached Dielectric Quote #700495CMZ-1 (Revised).	$16,425.00	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	$227,000.00	$54,270.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have re-entered the original cost estimate that ties to our 4/2/2018 submission while the technical issue is resolved.	$54,270.00	N/A

Sub-total	$501,440.00	$212,993.00	N/A	$153,083.00	N/A
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	N/A

Components

Actual Information Description	File Name	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	**Component Description:**	45% "prior to ship" payment for primary antenna. Explanation of variance form and supporting documentation attached.
	Amount:	$54,270.00
	Component Description:	Remaining balance due on primary antenna. Explanation of variance form, supporting documentation and detailed cost breakout attached.
	Amount:	$12,060.00

Sweep test of existing antenna	**Component Description:**	45% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached.
	Amount:	$2,880.00
	Component Description:	45% "down payment" for repack sweep of primary antenna operations. Supporting documentation and explanation of variance attached.
	Amount:	$2,880.00

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:**	45% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached.
	Amount:	$4,634.10
	Component Description:	45% "down payment" for primary elbow complex. Supporting documentation and explanation of variance attached.
	Amount:	$4,634.10
	Component Description:	Remaining balance due on primary elbow complex. Supporting documentation and detailed cost breakout attached.
	Amount:	$1,029.80

Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:**	Remaining balance due on primary antenna side mount brackets. Supporting documentation and detailed cost breakout attached.
	Amount:	$1,642.50
	Component Description:	45% "down payment" for primary antenna side mount brackets. Supporting documentation and explanation of variance attached.
	Amount:	$7,391.25
	Component Description:	45% "prior to ship" payment for side mount brackets. Explanation of variance form and supporting documentation attached.
	Amount:	$7,391.25
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	**Component Description:**	45% "down payment" for primary side mount antenna. Supporting documentation and explanation of variance attached.
	Amount:	$54,270.00

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	**$222,200.00**	**$160,339.90**		**$159,308.80**	
Rigid Transmission Line - copper, 6 1/8"	$222,200.00	$160,339.90	See attached Dielectric Quote #700495CMZ-1 (Revised) and Dielectric #918011 (Page 3 - Change Order)	$159,308.80	N/A
Sub-total	$222,200.00	$160,339.90	N/A	$159,308.80	N/A
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	45% "down payment" for primary transmission line. Supporting documentation and explanation of variance attached.
	Amount:	$66,460.91

Component Description:	45% "prior to ship" payment for transmission line cut pieces. Explanation of variance form and supporting documentation attached.
Amount:	$4,639.95
Component Description:	45% "prior to ship" payment for primary transmission line. Explanation of variance form and supporting documentation attached.
Amount:	$66,460.91
Component Description:	45% "down payment" for primary transmission line cut pieces. Supporting documentation and explanation of variance attached.
Amount:	$4,639.95
Component Description:	Full cost of additional transformer and reducer. Supporting documentation and detailed cost breakout attached.
Amount:	$2,338.00

Component Description:	Remaining balance due on primary transmission line. Explanation of variance form, supporting documentation and detailed cost breakout attached.
Amount:	$14,769.08

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 GTOWER	**$213,974.25**	**$242,874.25**		**$183,024.25**	
Tall Tower (greater than 500')	$210,500.00	$239,400.00	See attached Worldwide Communications Quote #S-18-919.	$179,550.00	N/A
Tower Structural Study	***$3,474.25***	$3,474.25	See attached Vertical Bridge Quote #01. Taxes of $224.25 included in estimate.	$3,474.25	N/A
Primary Tower GTOWER	**$210,500.00**	**$200,000.00**		**$0.00**	
Tall Tower (greater than 500')	$210,500.00	$200,000.00	N/A	N/A	N/A
Sub-total	$424,474.25	$442,874.25	N/A	$183,024.25	N/A
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	N/A

Components

Actual Information Description	File Name

Tall Tower (greater than 500')	**Component Description:** **Amount:**	75% "deposit payment" for tower service. Supporting documentation attached. This invoice has been paid. $179,550.00
Tower Structural Study	**Component Description:** **Amount:**	Cost of Tower Structural Study. Supporting documentation attached. This invoice has been paid. $3,474.25
Tall Tower (greater than 500')	Information not provided.	

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$189,650.00**	**$180,852.66**		**$11,610.98**	
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
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
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	$7,000.00	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	$21,014.66	See attached Cooley Invoices #501527-111, 501527-150k, 501527-243.	$9,485.98	Cooley Invoice #501527-11 dated 1/24 /2018 is a duplicate. Please rejec per administrativ correction.
Prepare request for Special Temporary Authorization	$2,050.00	$3,000.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,000.00	N/A
Project management of the transition	$28,440.00	$9,088.00	See Shared Equipment and AT Exhibits 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	$5,000.00	N/A	$125.00	N/A
Sub-total	$189,650.00	$180,852.66	N/A	$11,610.98	N/A
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	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.
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.
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 KPXC'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

Component Description: Invoice for KPXC's portion of general repack legal expenses incurred for 47 of the ION repack stations for period 1/1/2018 - 6/30/2018. Cover letter, hourly supporting documentation and invoice attached.

Amount: $537.87

Component Description: Invoice for KPXC'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: **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
	Component Description: **Amount:**	Invoice for KPXC's repack legal expenses incurred for period 1/1/2018 - 3/31/2018. Cover letter, hourly supporting documentation and invoice attached. $15,733.80
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. $2,000.00
Project management of the transition	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Perform engineering study for new channel assignment and antenna development	**Component Description:**	Cost of engineering consultant work for new channel assignment and antenna development. Invoice has been corrected per FCC reviewers request. Hourly supporting documentation attached.
	Amount:	$62.50
	Component Description:	Cost of engineering consultant for work on new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.
	Amount:	$62.50

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 Justificati
Other Expenses	**$89,790.00**	**$82,185.00**		**$1,307.46**	
MVPD Notification of Channel Change	***$1,600.00***	$1,600.00	N/A	N/A	N/A
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	$1,307.46	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
DTV Medical Facility Notification	$11,550.00	$4,000.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
Local Zoning	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Sub-total	$89,790.00	$82,185.00	N/A	$1,307.46	N/A
Total for all systems	$2,593,066.75	$1,851,425.04	N/A	$1,175,269.72	N/A

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
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, shipping, and handling related to Dielectric Invoice #318011. Supporting documentation and detailed cost breakout attached. $1,307.46
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,593,066.75	$1,851,425.04	$1,175,269.72

Reimbursement Status

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

Certification

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 above-named applicant for the Authorization(s) specified above.	**Mario Vasquez** *Vice President - Finance, Operations* 02/28/2019

Attachments