

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 26681 ID: File 000002 Number:	Service: DTV 8569	Call Sign:	WTIN-TV	Channel: 14 (UHF)
FRN: 0004343323	Date Submitted:	05/11 /2020		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
TELEVICENTRO OF PUERTO RICO, LLC	Javier Maynulet P.O. BOX 362050 SAN JUAN, PUERTO RICO 00936-2050 Puerto Rico	7877924444	javier. maynulet@wapa- tv.com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information			
Contact Information	Applicant	Address	Phone	Email
	Sally A. Buckman , Esq . Lerman Senter PLLC	2001 L Street NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6762	sbuckman@lermansenter. com

Broadcaster	Question	Response
Information and Transition Plan	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	Minor change application for CP, tower modification as needed, transmitter, mask filter and antenna replacement, auxiliary facility, filling for a license.

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

Primary	Existing Transmitter Information				
ransmitter	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	TDU-2		
		Year	2003		
		Туре	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power Capacity	10 kW		

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	Parallax		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	27.5 kW		
		Justification for New Transmitter	The manufacturer indicated that channel retuning for the existing transmitter is not supported. Due to additional Ch-14 filter losses additional power is needed to achieve current ERP and coverage.		

Primary	Other Transmitter Costs				
Transmitter	Section	Question	Response		
	Electrical Service	Service Entrance (3 phases 800A 208V)	No		

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	360.0 feet
	Other Electrical Service	Yes
	Description	Service disconnect switch and main breaker.
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	30

Primary Transmitter	Other Transmitter Cost Not Listed		
	Name	Description	
	Service Tax	Consulting and services @ 4%	
	Other Costs	Other Costs associated with the Transmitter	

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Interim	New Transmitter Costs		
Transmitter	Section	Question	Response
	New Transmitter	Use	Interim
		Description of Use	N/A
		Change Type	Purchase
		Manufacturer	
		Model	Parallax
		Transmitter Type	Solid State
		Solid State Cooling	Liquid Cooled
		Solid State Power capacity	15.0 kW
		Justification for New Transmitter	See attached WTIN Interim transmitter justification document.

Interim Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	No
		Power	N/A
		Rigid Conduit and Wiring	Yes
		Size	2 inches
		Length	150.0 feet
		Other Electrical Service	Yes

	Description	Main Breaker, UPS and 300 ft. cable run from existing generator to feed the interim transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	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?	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Other Transmitter Cost Not Listed

Interim

Transmitter Name Description Sales Tax Equipment @ 11.5% Other Costs Other Costs associated with the transmitter Local Service Tax Local and consulting services @ 4%

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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?	Yes	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side 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)	380.2 kW	

Manufacturer	
Model	TLP-24 (C) DC
Year	2003

Primary	New Antenna Costs			
Antenna	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?	Yes	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	371.0 kW	
		Manufacturer		
			1	

Model	TFU-24JSC S180
Year	2017
Justification for New Antenna	The existing antenna is single channel, not field tuneable.

Primary Other Antenna Costs

Antenna

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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
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	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Sales Tax	Equipment @ 11.5%	

Interim	New Antenna Costs				
Antenna	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?	Yes		
	New Antenna	Class	Full Power		
	Manufacturer and Type	Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		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)	200.0 kW		
		Manufacturer			
		Model	TLP-24B (C)		
		Year	2017		

ustification for New Antenna	To remain
	on the air
	while
	present
	tower
	structural
	upgrades,
	present
	antenna
	removal
	and new
	antenna
	installation
	are in
	progress ar
	interim
	antenna
	along with
	an interim
	transmitter
	and tower
	are needed

Interim Other Anten

Antenna

C	Other	Antenna	Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Sales Tax	Equipment @ 11.5%	

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary	Existing Transmission Line			
Transmissi	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	Flexible Air	
		Diameter	3 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
	Length	175 feet per run		

Existing Transmission Line

Primary	New Transmission Line			
Transmissio	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	Flexible Air	
		Diameter	5 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	165 feet per run	
		Justification for New Transmission Line	Current transmission line will not accommodate the new post- repack channel.	

Other Transmission Line Expenses Not Listed Transmission

ransmissio	n Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	3 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	225 feet per run
		Justification for New Transmission Line	An interim transmission line, interim transmitter, interim antenna and interim tower are needed to remain on the air while main main tower structural upgrades, present antenna removal and new antenna installation are in progress.

Other Transmission Line Expenses Not Listed		
Transmissio	nName	Description
	Sales Tax	Equipment @ 11.5%

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary	Existing Tower	
Tower	Section	

ver	Section	Question	Response
	Existing Tower Description	Type of change	Modify Existing
		Tower Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Is this tower consider Complex?	No
		Is this tower currently shared with any other stations?	Yes
		One or more FM, AM or TV radio broadcaster(s)	Yes
		Others Types of Users	No
		Is tower documented for structural analysis?	Yes
		Is tower compliant with Rev G?	No
	Existing Tower Structure Registration	Do you have a tower registration number?	No
		ASR Number	
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	18° 10' 02.85" N-
	1983))	Longitude (NAD83)	066° 34' 34.6" W-
		Overall Structure Height	185.00 feet
		Support Structure Height	170.00 feet
		Ground Elevation Above Mean Sea Level (AMSL)	4298.00 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Televicentro of PR, LLC
Date Constructed	05/18/1990

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
39887	WIRS	DTV

Primary Tower Modification Costs

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

Primary Tower Rigging Costs

Tower

Tower

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

Primary	Other Tower Expenses Not Listed	
Tower	Name	Description
	Sales Tax	Equipment @ 11.5%

Auxiliary	Add Tower		
Tower	Section	Question	Response
	Existing Tower Description	Type of change	Modify Existing
		Tower Use	Auxiliary (Backup)
		Description of Use	Interim Tower
		Ownership	Owned
		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?	Yes
		Is tower compliant with Rev G?	No
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes
		ASR Number	1010731
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	18° 10' 04.0" N-
	1983))	Longitude (NAD83)	066° 34' 37.0" W-
		Overall Structure Height	274.93 feet
		Support Structure Height	272.31 feet
		Ground Elevation Above Mean Sea Level (AMSL)	4268.32 feet
		Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	Televicentro of Puerto Rico, LLC
Date Constructed	07/30/1997

Tower Modification Costs Auxiliary Tower

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

Tower Rigging Costs Auxiliary Tower

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

Auxiliary	Other Tower Expenses Not Listed	
Tower	Name	Description
	Sales Tax	Equipment @ 11.5%

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	1000
		Explanation	Due to budget constraints the station does not have the necessary personnel to manage the project.
	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	Yes
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	Yes
		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	Yes

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	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	Yes
	Number of Days	30
	Justification	Verification of the position and angle of the high power antenna on the WTIN main site.

Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description
Quarterly Prog	Quarterly Progress Reports.	Quarterly Repack Progress Report.
	Service Tax	Local Consulting and services @ 4%

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	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		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

Other Expenses	Other Expenses Not Listed			
	Name	Description		
	Motorized Switch	Main transmitter Motorized Switch		
	Interim Transmitter system Design	Interim Transmitter System Design and Site Survey, as per Hitachi Comark Proposal.		
	Station Employees Time	Station Employee Time		
	Service Tax	Consulting and services @ 4%		
	System Design and Site Survey	Main Transmitter System Design and Site Survey, as per Hitachi Comark Proposal.		

Transmitters

Cost Information

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 Justificatio
Interim Transmitter Parallax	\$1,066,810.04	\$870,371.04		\$628,050.59	
Local Service Tax	\$220.00	\$220.00	State Service tax 4%	\$0.00	N/A
Channel 14 Mask Filter	\$189,500.00	\$93,203.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#3911PRLXU8- 110218 Item 2.3 Part No. NS1	\$0.00	N/A
10 Ton system	\$38,900.00	\$22,908.00	See attached Alr-Con C-17- 0411 quote	\$17,642.91	N/A
Other Electrical Service: Main Breaker, UPS and 300 ft. cable run from existing generator to feed the interim transmitter.	\$60,000.00	\$60,000.00	Based on manufacturer UPS pricing consultations, previous experience during the analog to digital transition, the amount of high voltage switches, breakers and other materials needed, site remote location, and difficulty of getting contractors to the site	\$26,277.81	N/A

2" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$3,750.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$600,000.00	See Attached Hitachi Kokusai Electric Comark LLC Proposal P#3911PRLXU8- 110218 Less Item 2.3, CH. 14 Mask Filter.	\$581,983.65	See invoic S10209
Other Costs	\$15,000.00	\$15,000.00	Other Costs associated with the transmitter	\$2,146.22	N/A
Sales Tax	\$75,290.04	\$75,290.04	State and City Sales Tax 11.5%	\$0.00	N/A
Primary Transmitter Parallax	\$1,316,435.00	\$966,010.00		\$629,238.42	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$609,795.00	See attached Hitachi Comark Proposal and Invoice	\$610,713.48	Shippir costs we approve under th line iter thus pushin the tota above expecte
Sales Tax	\$76,751.00	\$76,751.00	State and City Sales Tax 11.5%	N/A	N/A
Other Costs	\$5,000.00	\$5,000.00	Other Costs associated with the transmitter.	\$536.89	N/A
Service Tax	\$464.00	\$464.00	State Service tax 4%	N/A	N/A
Additional field engineering time, 10-30	\$63,100.00	\$60,000.00	N/A	N/A	N/A

Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$4,500.00	N/A
Other Electrical Service: Service disconnect switch and main breaker.	\$20,000.00	\$20,000.00	As per previous experience, includes transmitters main breakers, safety switches, cooling pumps breakers, Heat Exchange breakers and Safety switches.	\$8,488.05	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$9,360.00	\$9,000.00	N/A	N/A	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	\$5,000.00	N/A
Sub-total	\$2,383,245.04	\$1,836,381.04	N/A	\$1,257,289.01	N/A
Total for all systems	\$4,757,608.31	\$3,826,404.35	N/A	\$1,604,826.87	N/A

Components

Actual Information Description	File Name
Local Service Tax	Information not provided.
Channel 14 Mask Filter	Information not provided.

10 Ton system	Component Description: Amount:	WTIN - Refricentro - aux/interim transmitter H\ work plus tax. Invoice # BP-110402, PO # 132 \$109.44
	Component Description: Amount:	WTIN Universal Air Conditioner Inv#1790 \$2,144.63
	Component Description: Amount:	WTIN - Air-Con Inc auxiliary/interim transmit HVAC work plus tax. Invoice # 336865, PO # 132181. \$12,854.84
	Component Description: Amount:	WTIN Universal Air Conditioner Inv# 1773 \$2,534.00
Other Electrical Service: Main Breaker,	Component Description: Amount:	Credit For UPS (\$30,073.24)
UPS and 300 ft. cable run from existing	Component Description: Amount:	Universial Engineering inv# U1810 35i. For installation of interim transmitter. \$4,304.20
generator to feed the interim transmitter.	Component Description: Amount:	WTIN - Graybar_INV#9306923149_PO23497_Revise Transmitter, Interim, Other Electrical \$427.07
	Component Description: Amount:	Graybar Invoice 9307410443 for Interim transmitter electrical work \$203.29
	Component Description: Amount:	Graybar invoice 9307933668 for Interim Transmitter electrical work \$172.74

	Component Description: Amount:	Inv# 7923 for interim transmitter work. \$3,952.00
	Component Description: Amount:	Inv# 7943 for installation of safety line for transmitter work. \$3,149.88
	Component Description: Amount:	Graybar invoice 9307368350 for interim transmitter electrical work. \$85.68
	Component Description: Amount:	WTIN - auxiliary/interim transmitter HVAC worl final payment plus tax. Invoice # 1344, PO # 132144. \$19,006.95
	Component Description: Amount:	Universal Engineering Inv# U1810 33i. First 50 of quote for Interim Transmitter electrical installation. \$12,127.96
	Component Description: Amount:	WTIN_ American Express_01108019XM6761 ⁷ Interim Transmitter, Other Electrical \$250.00
	Component Description: Amount:	WTIN - auxiliary/interim transmitter HVAC worl 40% down payment plus tax. Invoice # 1314, F 132144 \$12,671.28
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	Component Description: Amount:	Comark Inv# 11439A for Interim Transmitter; F 50% payment. \$290,819.00
	Component Description:	WTIN_Hitachi_Interim_Transmitter_INv#_S10; 3_PO#_1327174-10-2020, Interim transmitt 14-20 Kw
	Amount:	\$29,081.90
	Component Description: Amount:	Mays Ochoa Inv # 163322 \$345.65
	Component Description: Amount:	WTIN_Comark_Interim_Transmitter_INv#_S1(3_PO#_132717 _With CL attached, UHF - Liq Cooled Solid State Transmitter, Final 5% \$29,081.90
	Component Description:	Comark Inv# S10204-2A for Interim Transmitte
	Amount:	Second 45% payment. \$261,737.10

Other Costs	Component Description: Amount:	Roger Electric Invoice; Including Taxes \$646.42
	Component Description: Amount:	Inv# 1LV37432HU9358136; Amp Circuit break Vendor name will not allow inclusion of "_" syn \$299.99
	Component Description: Amount:	Inv# 2B700425DD079671H, Interchangeable t circuit breaker rating plug. Will not allow use of in Vendor name. \$190.76
	Component Description: Amount:	Cutler Hammer Amp Breaker \$484.50
	Component Description: Amount:	Roger Electric Invoice #0003503811. Includinç Taxes. \$524.55
Sales Tax	Information not provided.	

UHF -		
Liquid Cooled	Component Description:	Mays Ochoa Inv 170541 for Deionized Wat
Solid State Transmitter 21 - 31 kW	Amount:	\$172.83
	Component Description:	WTIN - Empreses Rolon_2019-07_133047 Primary Transmitter, UHF
	Amount:	\$400.00
	Component Description: Amount:	Mays Ochoa inv 170542 for Deionized Wa \$345.65
	Component Description: Amount:	WTIN 10209-3, Primary Transmitter \$15,244.87
	Component Description:	WTIN - Hitachi Comark main transmitter 50 down payment. Invoice # 11434, PO #1322 proposals and cover letter - REVISED.
	Amount:	\$235,000.00
	Component Description:	Comark Invoice# S10209-2, minus maximi costs
	Amount:	\$289,652.63
	Component Description:	WTIN - Hitachi Comark main transmitter 50 down payment. Invoice # 11434, PO #1322
	Amount:	proposals and cover letter - REVISED. \$69,897.50
	Component Description:	PLEASE DELETE AND IGNORE. Invoice moved to different cost category per Fund

Other Costs		
	Component Description: Amount:	Roger Electric Invoice#0003502729, Includii \$304.33
	Component Description: Amount:	Roger Electric Inv# 0003500014 \$232.56
Service Tax	Information not provided.	
Additional field engineering time, 10-30 days	Information not provided.	
Channel 14 Mask Filter	Component Description: Amount:	Mounting Communications Inv. # 1779 for Teleware 400 Bandpass \$4,500.00
Other Electrical Service: Service disconnect switch and	Component Description: Amount:	JRL Electric Inv for 125 amp. \$325.00
main breaker.	Component Description:	WTIN_Universal Engineering, IncU1909 39i_PO#132784_ REVISED, Primary Trans Other electrical
	Amount:	\$8,163.05
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
,		

Antennas

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLP-24B (C)	\$320,785.56	\$81,837.46		\$24,091.65	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Attached WTIN Interim Antenna Dielectric Quote 8000044CMZ-1, Line 20, REPACK SWEEP,	\$2,880.00	N/A
Sales Tax	\$6,745.56	\$6,745.56	State and City Sales Tax 11.5%	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,615.00	See Attached WTIN Interim Antenna Dielectric Quote 8000044CMZ-1, Line 2, Item 1100000077, CUSTOM ANTENNA MOUNTING BRACKETS FOR ITEM 1.	\$4,776.75	N/A

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$36,522.00	See Attached WTIN Interim Antenna Dielectric Quote 8000044CMZ-1, Line 1, Item 1100000077, ANTENNA - UHF SIDE MOUNT ONE STATION HORIZONTAL POLARIZATION.	\$0.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$16,434.90	***System Notice: Estimate adjusted and locked because line has been superseded.***	\$16,434.90	N/A
Primary Antenna TFU-24JSC S180	\$237,599.71	\$125,652.81		\$61,182.82	
Sales Tax	\$12,959.71	\$12,959.71	State and City Sales Tax 11.5%	\$0.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in	\$5,260.00	\$5,120.00	N/A	\$0.00	N/A

\$558,385.27	\$207,490.27	700396cmz- 2CMZ-1, Line 1, Item 1100000077, ANTENNA - UHF SIDE MOUNT ONE STATION WITH HORIZONTAL POLARIZATION. N/A	\$85,274.47	N/A
		2CMZ-1, Line 1, Item 11000000077, ANTENNA - UHF SIDE MOUNT ONE STATION WITH HORIZONTAL		
		2CMZ-1, Line 1, Item 11000000077, ANTENNA - UHF SIDE MOUNT ONE STATION WITH HORIZONTAL		
		2CMZ-1, Line 1, Item 11000000077, ANTENNA - UHF SIDE MOUNT ONE		
		2CMZ-1, Line 1, Item 11000000077, ANTENNA - UHF SIDE		
		2CMZ-1, Line 1, Item 11000000077, ANTENNA -		
		2CMZ-1, Line 1, Item 11000000077,		
		2CMZ-1, Line 1, Item		
		2CMZ-1, Line 1,		
		700396cmz-		
\$189,500.00	\$88,685.60	See Attached	\$45,869.56	N/A
		SWEEP		
		Line 21, Item		
		700396CMZ-2,		
		Dielectric Quote		
		Antenna		
		WTIN Main		
\$6,730.00	\$6,400.00	See Attached	\$5,760.00	N/A
		BRACKETS.		
		1100000077,		
		Line 2, Item		
		700396CMZ-2,		
		Dielectric Quote		
		\$6,730.00 \$6,400.00	 WTIN Main Antenna Dielectric Quote 700396CMZ-2, Line 2, Item 1100000077, CUSTOM ANTENNA MOUNTING BRACKETS. \$6,730.00 \$6,400.00 See Attached WTIN Main Antenna Dielectric Quote 700396CMZ-2, Line 21, Item REPACK SWEEP 	WTIN Main Antenna Dielectric Quote 700396CMZ-2, Line 2, Item 1100000077, CUSTOM ANTENNA MOUNTING BRACKETS.\$6,730.00\$6,400.00See Attached WTIN Main Antenna Dielectric Quote 700396CMZ-2, Line 21, Item REPACK SWEEP\$5,760.00\$189,500.00\$88,685.60See Attached WTIN Main Antenna Dielectric Quote\$189,500.00\$88,685.60See Attached WTIN Main Antenna Dielectric Quote

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.	
Sweep test of existing antenna	Component Description: Amount:	WTIN - Dielectric - interim/auxiliary antenna sweep, second 45% payment. Invoice # MAN00398, PO #132170. \$2,880.00
	Component Description: Amount:	Portion of the initial WTIN 45% interim antenna invoice attributable to the antenna sweep. \$2,880.00
Sales Tax	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	Portion of the initial WTIN 45% interim antenna invoice attributable to the brackets. \$4,776.75
	Component Description:	WTIN - Dielectric - interim/auxiliary antenna brackets, second 45% payment. Invoice # MAN00398, PO #132170.

UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	WTIN - Dielectric - interim/auxiliary antenna, second 45% payment. Invoice # MAN00398, PO #132170. \$16,434.90
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	Portion of the initial WTIN 45% invoice attributable to the interim antenna.
	Amount:	\$16,434.90
Sales Tax	Information not provided.	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	

Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	Portion of the initial WTIN 45% main antenna invoice attributable to the brackets. Dielectric Invoice # MAN00286, PO #132182 with proposals and cover letter - 2nd REVISED version. \$4,776.63
	Component Description:	WTIN - Dielectric, main antenna bracket cost (minus maximization), second 45% payment. Invoice # MAN00407, PO #132182.
	Amount:	\$4,776.63

Sweep test of existing antenna	Component Description:	Portion of the initial WTIN 45% main antenna invoice attributable to the antenna sweep. Dielectric Invoice #
	Amount:	MAN00286, PO #132182 with proposals and cover letter - REVISED version. \$2,880.00
	Component Description:	WTIN - Dielectric - main antenna sweep costs (minus maximization), second 45% payment. Invoice # MAN00407, PO # 132182. \$2,880.00

Component Description: Amount:	45% of Antenna costs. \$16,434.78
Component Description:	Pegasus Group Inv # 4024 for Antenna
Amount:	work, including tax \$13,000.00
Component Description:	WTIN - Dielectric - main antenna
	costs (minus maximization), second 45%
	payment. Invoice # MAN00407, PO #
Amount:	132182. \$16,434.78
	Amount: Component Description: Amount: Component Description:

Transmission Line

Cost Information

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

Description Interim Transmission Line	Predetermined Cost Estimate \$14,724.00	Estimated Cost \$15,312.62	Estimated Cost Justification	Actual Cost \$6,238.63	Actual Cost Justification
Sales Tax	\$1,449.00	\$1,449.00	State and City Sales Tax 11.5%	\$0.00	N/A
Flexible Air Transmission Line - dielectric, 3"	\$13,275.00	\$13,863.62	See attached WTIN Aux antenna Dielectric proposal . 800044CMZ- 1 Line 3	\$6,238.63	N/A
Primary Transmission Line	\$17,325.00	\$23,561.42		\$0.00	
Flexible Air Transmission Line - dielectric, 5"	\$17,325.00	\$23,561.42	See the attached Dielectric invoice and Purchase Order, Inv. # MAN00286, PO #132182.	\$0.00	N/A
Sub-total	\$32,049.00	\$38,874.04	N/A	\$6,238.63	N/A
Total for all systems	\$4,757,608.31	\$3,826,404.35	N/A	\$1,604,826.87	N/A

Components

Actual Information	
Description	

File Name

Sales Tax	Information not provided.					
Flexible Air Transmission Line - dielectric, 3"						
	Component Description:	Portion of the				
		WTIN initial 45%				
		interim antenna				
		invoice attributable				
		to the transmission				
		line.				
	Amount:	\$6,238.63				
	Component Description:	WTIN - Dielectric -				
		interim/auxiliary				
		transmission line,				
		second 45%				
		payment. Invoice #				
		MAN00398, PO				
		#132170.				
	Amount:	\$6,283.63				
		÷ -)				
	Component Description:	N/A				
	Amount:	N/A				
Flexible Air Transmission						
Line - dielectric, 5"	Component Description:	The applicant no				
		longer requests				
		reimbursement for				
		this item. Please				
		see the associated				
		cover letter for				
		explanation.				
	Amount:	N/A				

Tower Equipment and Rigging Costs

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$545,400.00	\$519,600.00		\$58,450.27	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$17,140.00	N/A
Sales Tax	\$27,600.00	\$27,600.00	State and City Sales Tax 11.5%	\$0.00	N/A
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	\$35,863.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$5,447.27	N/A
Auxiliary Tower TOWER	\$545,400.00	\$519,600.00		\$0.00	
Sales Tax	\$27,600.00	\$27,600.00	State and City Sales Tax 11.5%	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$0.00	N/A

Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	\$0.00	N/A
Sub-total	\$1,090,800.00	\$1,039,200.00	N/A	\$58,450.27	N/A
Total for all systems	\$4,757,608.31	\$3,826,404.35	N/A	\$1,604,826.87	N/A

Components

Actual Information Description	File Name	
Major tower reinforcement /modifications	Component Description:	WTIN_Borinquen Communication Inc_Inv 7969 With CL, Tower Equipment, Major Tower Reinforcement \$10,140.00
	Component Description: Amount:	Malouf Inv#1803640V1, structural modifications. \$7,000.00
Sales Tax	Information not provided.	

Short Tower (less than		
500')	Component Description:	Borinquen Inv 8012 for installation of dielectric antenna to tower. Plus sales
	Amount:	tax. \$33,280.00
	Component Description:	Dielectric Inv 491031 for relocation mount kit
	Amount:	and shipping costs. \$2,583.00
Structural engineering		
tower load study for well documented tower	Component Description:	WTIN - Alejandro Luciano tower mapping. Invoice # 1179, PO # 132288.
	Amount:	\$1,872.00
	Component Description:	WTIN - Malouf Engineering - tower structural analysis. Invoice # 1803640V0, PO # 132000.
	Amount:	\$3,500.00
	Component Description:	WTIN - Office Depot receipt - scan of tower analysis costs with tax, January 26, 2018. Receipt # 2684-5-9417- 787776-17.9.2.
	Amount:	\$75.27
Sales Tax	Information not provided.	
Major tower reinforcement /modifications	Information not provided.	

Structural engineering tower load study for well documented tower	Information not provided.
Short Tower (less than 500')	Information not provided.

Outside Professional Services

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$312,091.00	\$323,986.00		\$119,603.75	
Project management of the transition	\$158,000.00	\$150,000.00	N/A	\$85,524.25	N/A
Service Tax	\$6,086.00	\$6,086.00	State Service Tax 4%	N/A	N/A
Quarterly Progress Reports.	\$2,150.00	\$2,150.00	Quarterly repack progress report documents preparation and filling based on previous experience with FCC filings	\$613.50	N/A
Additional Field Engineering Service, 30 Days	\$2,000.00	\$2,000.00	N/A	\$0.00	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 - 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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	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	\$1,500.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$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

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,777.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$30,000.00	The actual cost exceeded the estimated costs, so we were instructed to increase the estimate.	\$29,189.00	N/A
RF Exposure	\$21,050.00	\$20,000.00	N/A	N/A	N/A

Sub-total	\$312,091.00	\$323,986.00	N/A	\$119,603.75	N/A
Total for all systems	\$4,757,608.31	\$3,826,404.35	N/A	\$1,604,826.87	N/A

Components

File Name	
Component Description: Amount:	Lerman Senter Invoice for July 2018; Project Management of the transition. \$4,623.75
Component Description: Amount:	Luciano Invoice 1151 for project evaluation \$936.00
Component Description: Amount:	June 2018 WTIN 469162-EXP Revised w CL, Project Management \$6.00
Component Description:	November 2019 WTIN w expenses, Project Management \$2,668.30
Component Description:	WTIN - June 2019 w expenses, Project Management
	Component Description: Amount: Component Description: Amount: Component Description: Amount: Amount:

Component Description: Amount:	September 2018 WTIN 471144 w expenses CL, Project Management \$8,358.25
Component Description: Amount:	WTIN - September 2019 w expenses, Project Management \$2,014.85
Component Description: Amount:	WTIN - LS January 2019 Repack, Other Professional, Project Management \$6,681.25
Component Description: Amount:	WTIN - April 2019 Repack, Project Management \$2,670.00
Component Description: Amount:	WTIN - August 2019 w expenses, Project Management \$3,191.60
Component Description: Amount:	WTIN - LS February 2019 Repack, Other Professional, \$3,467.50
Component Description: Amount:	May 2018 WTIN 468237-EXP revised w CL, Project Management \$1.40

Component Description: Amount:	WTIN - May 2019 W expenses, Project Management \$4,722.95
Component Description: Amount:	October 2019 WTIN w expenses Revised, Project Management \$7,136.15
Component Description: Amount:	WTIN - LS March 2019 Repack, Other Professional, Project Management \$2,400.00
Component Description:	October 2018 WTIN 471730-EXP revised w CL, Project Management
Amount:	\$9.80
Component Description: Amount:	WTIN - July 2019 Repack minus Maximization W CL, Project Management \$4,734.20
Component Description:	Feb 2020 WTIN 479672 Repack, Project Management
Amount:	\$2,792.35
Component Description:	September 2017 WTIN Repack Revised_, Project Management
Amount:	\$671.80

Component Description: Amount:	March 2020 WTIN 480151 Repack, Project Management \$4,050.00
Component Description: Amount:	Jan 2020 WTIN 479086 Repack, Project Management \$2,162.50
Component Description: Amount:	April 2017 WTIN Repack, Project Management \$801.75
Component Description: Amount:	WTIN_Luciano_2019- 0630-02_With CL, Outside Professional, Project Management \$807.50
Component Description: Amount:	WTIN - Luciano Invoice # 1155, PO # 132489 - repack project management plus tax. Revised \$468.00
Component Description: Amount:	Luciano Inv# 1163 for Station Management. \$624.00
Component Description: Amount:	WTIN - Luciano Invoice # 1157, PO # 132490 - repack project management plus tax. Revised \$39.00

Component Description: Amount:	Noveber 2018 WTIN 472552 w expenses CL, Project Management \$3,507.55
Component Description: Amount:	WTIN - Luciano Invoice # 1177, PO # 132493 - repack project management plus tax. Revised \$468.00
Component Description: Amount:	Lerman Senter Invoice for November 2018 Legal services; Project Management. \$1,562.50
Component Description: Amount:	December 2018 WTIN 472826 w expenses CL, Project Management \$5,049.00
Component Description: Amount:	August 2018 WTIN 470552, Project Management \$5,470.00
Component Description: Amount:	July 2018 WTIN 469736-EXP revised with CL, Project Management \$12.70

	Component Description: Amount:	WTIN - Luciano Invoice # 1153, PO # 132488 - repack project management plus tax. Revised \$780.00
	Component Description: Amount:	Lerman Senter May 2018 Invoice for legal services \$1,235.00
	Component Description: Amount:	WTIN - Luciano Invoice # 1151, PO # 132487 - repack project management plus tax. \$936.00
	Component Description: Amount:	WTIN - Luciano Invoice # 1171, PO # 132492 - repack project management plus tax. \$312.00
	Component Description: Amount:	Lerman Senter Invoice; Fees for Project Management of the Transition. \$852.50
Service Tax	Information not provided.	

Quarterly Progress		
Reports.	Component Description:	Lerman Senter Invoice for preparing quarterly reports.
	Amount:	\$301.50
	Component Description: Amount:	WTIN - Luciano Invoice # 1175, PO # 132494 - repack progress reports, plus tax. \$312.00
Additional Field Engineering Service, 30 Days	Component Description:	WTIN_Luciano_2019- 0630-02, outside professional, additional field
	Amount:	engineering service \$807.50
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 -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	du Treil invoice# 240855; Services engineering portion of 2100 construction permit \$1,500.00
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Perform engineering study for new channel assignment and antenna development	Component Description:	Luciano 1169 Invoice for antenna project management costs \$2,652.00
	Anount.	ψ2,052.00
	Component Description:	du Treil Inv#240855; Engineering study for new channel.
	Amount:	\$125.00
	Component Description:	WTIN - Alejandro Luciano channel studies for main and aux antennas. Invoice # 1169, PO # 132292
	Amount:	- Revised. \$2,652.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description:	LS Invoice 467118 for
	Amount:	legal services \$443.00
	Component Description:	Luciano 1159 Invoice for project
	Amount:	management \$1,404.00
	Component Description:	LS invoice 461692 for legal services
	Amount:	\$134.00
	Amount:	\$134.00

Component Description: Amount:	LS invoice 467305 for legal services \$962.50
Component Description: Amount:	LS Invoice 460680 for legal services. \$2,479.00
Component Description:	Lerman Senter Invoice for services related to Preparing and Reviewing Reimbursement form.
Amount:	\$4,617.50
Component Description: Amount:	Lerman Senter Invoice for Preparing and Reviewing Reimbursement form. \$3,478.75
Component Description: Amount:	LS Invoice 455664 for legal services \$752.50
Component Description: Amount:	LS invoice 464476 for legal services \$536.00
Component Description:	Lerman Senter November 2018 Invoice; Preparing and reviewing
Amount:	reimbursement form. \$5,156.25

Component Description: Amount:	Lerman Senter Invoice for preparing and reviewing reimbursement form. \$3,160.00
Component Description: Amount:	WTIN - Alejandro Luciano outside services, 399 preparation and review. Invoice # 1159, PO # 132298 - Revised. \$1,404.00
Component Description: Amount:	WTIN - Alejandro Luciano outside services, 399 preparation and review. Invoice # 1167, PO # 132294 - Revised. \$1,248.00
Component Description: Amount:	WTIN - Alejandro Luciano outside services, 399 preparation and review. Invoice # 1161, PO # 132299 - Revised. \$1,092.00
Component Description: Amount:	WTIN - Alejandro Luciano outside services, 399 preparation and review. Invoice # 1173, PO # 132291 - Revised. \$2,184.00

	Component Description: Amount:	LS invoice 457440 for legal services \$1,541.50
RF Exposure Measurements	Information not provided.	

Other Expenses

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justificatior
Other Expenses	\$381,038.00	\$380,473.00		\$77,970.74	
System Design and Site Survey	\$15,300.00	\$15,300.00	Transmitter System Design and Site Survey as per attached Hitachi Comark Main Transmitter Proposal Item 2.4 P/N S34	N/A	N/A
Service Tax	\$3,060.00	\$3,060.00	4% State Service Tax	N/A	N/A
Station Employees Time	\$216,963.00	\$216,963.00	Estimated based on internal calculations for station employees repack dedicates time. See attached Exhibit 1.	\$30,180.14	N/A

Interim Transmitter system Design	\$15,300.00	\$15,300.00	Interim Transmitter System Design and Site Survey as per attached Hitachi Comark Interim transmitter proposal. Item 2.4 P/N S34	N/A	N/A
Motorized Switch	\$4,835.00	\$4,835.00	Existing system has motorized switch for antenna to test load transfer. See attached Hitachi Comark Main Transmitter Proposal Item 2.1 P/N T5	N/A	N/A
MVPD Notification of Channel Change	\$7,000.00	\$7,000.00	Estimate based on previous experience during the analog to digital transition.	N/A	N/A
Develop and air announcement of upcoming channel change	\$20,000.00	\$20,000.00	N/A	N/A	N/A

Equipment Storage	\$7,000.00	\$7,000.00	Estimate based on previous experience during the analog to digital transition.	N/A	N/A
Equipment Delivery and Handling Charges	\$65,000.00	\$65,000.00	See Attached Relocation Fund Administrator Request for Additional Information Document	\$39,760.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$4,500.00	\$4,500.00	Estimate based on previous experience during the analog to digital transition, the site remote location and difficult accessibility.	\$3,550.00	N/A
Local Zoning	\$10,000.00	\$10,000.00	Based on previous experience during analog to digital transition. Local authority estimated fees for tower work permits.	\$500.00	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,980.60	N/A
Sub-total	\$381,038.00	\$380,473.00	N/A	\$77,970.74	N/A
Total for all systems	\$4,757,608.31	\$3,826,404.35	N/A	\$1,604,826.87	N/A

Components

Actual Information Description	File Name	
System Design and Site Survey	Information not provided.	
Service Tax	Information not provided.	
Station Employees Time	Component Description: Amount:	WTIN_Craig Internal_IL-05-23-2017-CF- WTIN, Other Expenses, Internal Time \$1,611.23
	Component Description: Amount:	WTIN_Craig Internal_IL-06-28-2017-CF- WTIN, Other Expenses, Internal Time \$2,900.21
	Component Description: Amount:	WTIN_J.Maynulet_Timesheet_July_2018, Other Expenses, with Withholding and Cover letter \$832.95

Component Description: Amount:	WTIN_REVISED_Labor hours - J. Alejandro (Aug 2018), Other Expenses, Station Employee Time, With Cover Letter \$879.92
Component Description: Amount:	WTIN_Alex Internal_IL-01-10-2018-AT- WTIN_Revised, Other Expenses, Internal Time \$256.82
Component Description: Amount:	WTIN_Alex Internal_IL-05-23-2017-AT- WTIN_Revised, Other Expenses, Internal Time \$599.24
Component Description: Amount:	WTIN_Craig Internal_IL-09-20-2017-CF- WTIN, Other Expenses, Internal Time \$644.49
Component Description: Amount:	WTIN_Televicentro_IL-12-31-2018-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Craig Internal_IL-06-29-2018-CF- WTIN, Other Expenses, Internal Time \$322.25
Component Description: Amount:	WTIN_Alex Internal_IL-09-20-2017-AT- WTIN_Revised, Other Expenses, Internal Time \$342.42
Component Description: Amount:	WTIN_Televicentro_IL-04-30-2019-JA- WTIN, Other Expenses, Internal Time \$238.32

Component Description: Amount:	Alex_WTIN Jan '19, Other, Station employee time \$600.99
Component Description: Amount:	WTIN_Alex Internal_IL-11-28-2017-AT- WTIN_Revised, Other Expenses, Internal Time \$428.03
Component Description: Amount:	WTIN_Televicentro_IL-10-31-2018-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Televicentro_IL-01-31-2019-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Alex Internal_IL-02-14-2019-AT- WTIN_Revised, Other Expenses, Internal Time \$171.21
Component Description: Amount:	WTIN_Craig Internal_IL-05-15-2018-CF- WTIN, Other Expenses, Internal Time \$2,416.84
Component Description: Amount:	WTIN_Televicentro_IL-07-31-2019-JA- WTIN, Other Expenses, Internal Time \$238.32
Component Description: Amount:	WTIN-J. Maynult_Timesheet_May_2018_REVISED, Other, station time. \$370.20

Component Description: Amount:	WTIN_Craig Internal_IL-02-10-2017-CF- WTIN, Other Expenses, Internal Time \$644.49
Component Description: Amount:	WTIN_J.Maynulet_Timesheet_Aug_2018, Other Expenses, With Withholding Statement \$370.20
Component Description: Amount:	WTIN_Televicentro_IL-05-31-2019-JA- WTIN, Other Expenses, Internal Time \$238.32
Component Description: Amount:	WTIN_Televicentro_IL-02-28-2019-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Craig Internal_IL-01-18-2019-CF- WTIN, Other Expenses, Internal Time \$1,611.23
Component Description: Amount:	WTIN_Alex Internal_IL-06-28-2017-AT- WTIN_Revised, Other Expenses, Internal Time \$1,797.71
Component Description: Amount:	WTIN_Craig Internal_IL-04-21-2017-CF- WTIN, Other Expenses, Internal Time \$161.12
Component Description: Amount:	WTIN_Alex Internal_IL-05-11-2018-AT- WTIN_Revised, Other Expenses, Internal TIme \$256.82
	Time

Component Description: Amount:	WTIN_Craig Internal_IL-02-14-2019-CF- WTIN, Other Expenses, Internal Time \$644.49
Component Description: Amount:	WTIN_Alex Internal_IL-04-15-2019-AT- WTIN_Revised, (Real Invoice number in IL- 04-05-2019-AT-WTIN), Other Expenses, Internal Time \$85.61
Component Description: Amount:	WTIN_Craig Internal_IL-07-25-2018-CF- WTIN, Other Expenses, Internal Time \$322.25
Component Description: Amount:	WTIN_J.Maynulet_Timesheet_June_2018, Other Expenses, with Withholding and Cover letter \$462.75
Component Description: Amount:	WTIN_Alex Internal_IL-08-09-2018-AT- WTIN_Revised, Other Expenses, Internal Time \$428.03
Component Description: Amount:	WTIN_Televicentro_IL-11-30-2018-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Televicentro_IL-03-31-2019-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	WTIN_Alex Internal_IL-02-21-2017-AT- WTIN_Revised, Other Expenses, Internal Time \$599.24

Component Description: Amount:	WTIN_Televicentro_IL-09-30-2019-JA- WTIN, Other Expenses, Internal Time \$238.32
Component Description: Amount:	WTIN_Televicentro_IL-09-30-2018-JA- WTIN, Other Expenses, Internal Time \$230.80
Component Description: Amount:	Alex_WTIN Dec '18, Other, Station time. \$343.42
Component Description: Amount:	WTIN_Televicentro_IL-08-31-2019-JA- WTIN, Other Expenses, Internal Time \$238.32
Component Description: Amount:	WTIN_J.Maynulet_Timesheet_Sept_2018, Other Expenses, with Withholding and Cover letter \$185.10
Component Description: Amount:	WTIN_Craig Internal_IL-12-13-2018-CF- WTIN, Other Expenses, Internal Time \$161.12
Component Description: Amount:	WTIN_Craig Internal_IL-07-28-2017-CF- WTIN, Other Expenses, Internal Time \$5,317.04
Component Description:	WTIN_J.Maynulet_Timesheet_May_2018, Other Expenses, with Withholding and Cover letter
Amount: Component Description:	\$370.20 WTIN_J.Maynulet_Timesheet_May_2018, Other Expenses, with Withholding and
Amount:	Cover letter \$370.20

	Component Description: Amount:	WTIN_Craig Internal_IL-11-28-2017-CF- WTIN, Other Expenses, Internal Time \$483.37
	Component Description:	WTIN_Alex Internal_IL-07-28-2017-AT- WTIN_Revised, Other Expenses, Internal Time
	Amount:	\$342.42
	Component Description:	WTIN_Alex Internal_IL-04-21-2017-AT- WTIN_Revised, Other Expenses, Internal Time
	Amount:	\$171.21
	Component Description:	WTIN_J.Maynulet_Timesheet_Dec_2018, Other Expenses, with Withholding and Cover letter
	Amount:	\$370.20
	Component Description: Amount:	WTIN_Televicentro_IL-06-30-2019-JA- WTIN, Other Expenses, Internal Time \$238.32
Interim Transmitter system Design		WTIN, Other Expenses, Internal Time
Transmitter	Amount:	WTIN, Other Expenses, Internal Time
Transmitter system Design Motorized	Amount: Information not provided.	WTIN, Other Expenses, Internal Time

Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Component Description: Amount:	Transportes Rolon Invoice # 2018-67 for shipping costs \$800.00
	Component Description: Amount:	Transportes Rolon Invoice 2018-57 for shipping costs \$650.00
	Component Description: Amount:	DB Schenker Inv# 20185772, Delivery charges. Revised \$7,895.00
	Component Description: Amount:	DB Schenker Inv # 201087377 for unloading charges. \$295.00
	Component Description: Amount:	DB Schenker Invoice # 201087576; For unloading charges. \$295.00
	Component Description: Amount:	Transportes Rolon invoice 2018-49 for shipping costs \$1,800.00
	Component Description:	WTINTransportes_Rolon_Delivery, _Inv#_2018-28,_PO#_132567_with_CL Revised, Other Expenses, Equipment
	Amount:	Delivery \$800.00
	Component Description:	WTIN_Transportes Rolon_ INV2019- 22_PO#133265.pdf, Equipment Delivery and Handling Charges.
	Amount:	\$375.00

Component Description: Amount:	Invoice 2019-03 for equipment transporting. \$600.00
Component Description: Amount:	DB Schenker Invoice# 201087377, unloading and delivery charges. \$295.00
Component Description: Amount:	DB Schenker inv#201085771, delivery charges. Revised \$7,895.00
Component Description: Amount:	WTIN DB Schenker Inv# 201087403, for delivery and unloading charges \$295.00
Component Description: Amount:	Transportes Rolon Invoice 2018-71 for shipping costs \$700.00
Component Description: Amount:	DB Schenker Inv#201092064, delivery and unloading charges. \$12,390.00
Component Description: Amount:	Transportes Rolon Invoice 2018-89 for shipping costs \$600.00
Component Description: Amount:	Transportes Rolon invoice 2018-93 for shipping costs \$350.00
Component Description: Amount:	Transportes Rolon inv 2019-17 for shipping and delivery costs \$3,800.00

Component Description: Amount:	Transportes Rolon Inv 2018-95 for equipment delivery and handling. \$600.00
Component Description: Amount:	DB Schenker Invoice # 201092064 for Delivery and Unloading \$12,390.00
Component Description: Amount:	Transportes Rolon Invoice # 2018-51 for shipping and handling charges. \$740.00
Component Description:	WTIN - Transportes Rolon, equipment delivery charges. Invoice # 2018-28, PO # 132567. Note, UPS refers to Unit Power Supply.
Amount:	\$800.00
Component Description: Amount:	WTIN - Transportes Rolon, equipment delivery charges. Invoice # 2018-35, PO # 132566. \$600.00
Component Description: Amount:	Transportes Rolon invoice 2018-69 for shipping costs \$700.00
Component Description: Amount:	DB Schenker Inv #201080787, for antenna transport to WTIN. Revised \$9,970.00
Component Description: Amount:	WTIN DB Schenker Inv #201087576, Unloading and delivery charges. \$295.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	WTIN_Transportes Rolon_Inv# 2018- 43_PO#132569 REVISED, Other Expenses, Disposal \$450.00
	Component Description: Amount:	Transportes Rolon Inv 2018-74; For Disposal Costs \$1,900.00
	Component Description: Amount:	Transporte Rolon Inv# 2018-43; Removal and Disposal Costs of transfer switch \$450.00
	Component Description: Amount:	Transportes Rolon Inv: 2018-75; For disposal costs \$1,200.00
Local Zoning	Component Description: Amount:	WTIN - Secretary of Hacienda, Government of Puerto Rico zoning permit cost. Receipt # 2018004707. \$250.00
	Component Description: Amount:	WTIN local zoning permit for construction. March 2018. Receipt #2018004706. \$250.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

DTV Medical Facility Notification	Component Description: Amount:	DTV Notification with Quote \$3,980.60
	Component Description: Amount:	DTVNotification Inv#001834, Medical facility notification. N/A

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$4,757,608.31	\$3,826,404.35	\$1,604,826.87

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

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.	
		 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. 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).
- 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.	Craig Fischer Vice President 05/11/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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).	
		 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. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. 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).
- 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.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ïed above.	Craig Fischer Vice President

Attachments