

(REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

Facility 13960 Service: DTV Call WISE-TV Channel: 34 (UHF)

ID: Sign:

File **0000027871** 

Number:

FRN: **0018223693** Date **03/14** 

Submitted: /2019

## Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
WPTA LICENSE, LLC Doing Business As: WPTA LICENSE, LLC	Brady Dreasler P.O. BOX 909 QUINCY, IL 62306 United States	+1 (217) 223- 5100	BDREASLER@QUINCYMEDIA.	Limited Liability Company

## Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email
Tony zumMallen QCommunications, LLC	Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States	+1 (816) 729- 1177	tony@qcom1. com

#### Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	To transition from ch 18 to ch 34, tests by Resonant Results, LTD say ANT and TX line can be retuned. New TX and associated systems are needed. An interim system (ant, TX and line) is required.  Combiner needed to share with WPTA.

#### **Transmitters**

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

## Primary Transmitter

## **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Sigma
	Year	1998
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	21.1 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	ULXTE-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	38 kW
	Justification for New Transmitter	Transmitter is not tunable per the manufacturer. See Exhibits Y and Z for details from GatesAir and Comark.

## Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	800.0 feet

	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 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	200.0 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
Disconnect existing Transmitter	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.
Transmitter - Training	Transmitter training - offsite - 1 week in duration at mfg site.
Sales Tax for EQ	Sales Tax for EQ
Freight	Freight from mfg to staging area
Site Survey - TX	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.

Securirty - Site	This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.
Transmitter site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	21 kW
	Justification for New Transmitter	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.

#### Interim 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	Yes
	Size	2 inches
	Length	800.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 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?	Yes

#### Interim Transmitter

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

Name	Description
Freight	Freight from mfg to staging area
Sales Tax	Sales tax for eq

#### **Antennas**

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

#### Primary Antenna

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	WPTA License, LLC
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stac
	Polarization	Horizontal
	Туре	Other
	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	Omni- Directional
ERP: (Effective Radiated Power)	320.0 kW
Manufacturer	Dielectric
Model	TUA-O4-10 /40H-T-1R
Year	2001

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

Facility ID	Call Sign
73905	WPTA

#### Primary Antenna

## **Adjustment to Existing Antenna**

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

#### Primary Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A

# Enter a list of RF channel numbers.

RF Channel Number
24
34

#### Primary Antenna

#### **Other Antenna Cost Not Listed**

Name	Description
Retune Antenna	Per Resonant Results, Ltd. Field report 2/21 /2017 see EX V for pricing quote

#### Interim Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1

Number of Panels/Bays	8
Lower Limit	470.00 MHz
Upper Limit	698.00 MHz
Design power capacity in use	100.0 %
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	45.0 kW
Manufacturer	
Model	TFU-8-WB
Year	2017
Justification for New Antenna	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	

	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	4 1/16 inches
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 Antenna

#### **Other Antenna Cost Not Listed**

Name	Description
FREIGHT	FREIGHT FROM MFG TO STAGING AREA

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

## Primary Transmission

## **Existing Transmission Line**

Line ection	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	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	Dielectric
Line Manufacturer and Гуре	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	797 feet

## Primary Transmissio

## Other Transmission Line Expenses Not Listed

on Line	Description
Refurbish Transmission Line	Per Resonant Results Ltd, field report dated 2/21/2017 - See Exhibits - W and X - engineering reports.
Disconnect existing Interior RF components	Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities.

#### Interim Transmissi

#### **New Transmission Line**

ion Line	Question	Response
New Transmission Line	Use	Interim
Costs	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
	Diameter	4 1/16 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	775 feet per

Instification for New Transmission Lie -	lasta ulua
Justification for New Transmission Line	Interim
	facility is
	required to
	avoid
	prolonged
	period of
	station
	silence
	during
	transition,
	and station
	currently has
	no aux
	facility to use
	for interim
	operation.
	Extended
	silent period
	during
	transition to
	new channel
	is
	unreasonable.

Other Transmission Line Expenses Not Listed Transmission Line tion 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

## **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Construct New
	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?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1029441
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	41° 06' 08.0" N-
	Longitude (NAD83)	085° 11' 05.0" W-
	Overall Structure Height	770.99 fee
	Support Structure Height	725.06 fee
	Ground Elevation Above Mean Sea Level (AMSL)	796.91 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WPTA Television, Inc.
Date Constructed	01/01/1957

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
73905	WPTA	DTV

#### Primary Tower

#### **Tower Construction Costs**

Section	Question	Response
Construct New Tower	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	727.00 feet
	Justification for New Tower	See uploaded file for full details of requirements. WISE-13960 Tower request supporting documents-4- 4-18

#### Primary Tower

## **Tower Rigging Costs**

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

#### Primary Tower

## Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	914
	Explanation	Scope & significance of project (QMI has multiple stations repacked) require outside management services to augment existing internal personnel to assist turnkey management of and ensure timely and safe execution of channel relocation. CO 20392
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	4
	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	4
	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	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

#### Outside Professional

## Other Professional Services Expenses Not Listed

Services Costs	Description
Quarterly reporting -Atty	Preparation and submittal of the FCC required quarterly report 387 attorney. We est. 10qtrs for WISE at \$750/qtr.
Vendor Travel Expenses	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses.
General Legal fees	General legal fess that are not covered under the 399 EST line items and required to repack the station.

# 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	No
	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

**Expenses** Information not provided.

# **Cost Information**

#### **Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter UAXTE-30	\$1,298,574.79	\$1,236,874.79		\$758,013.36	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$900,000.00	N/A	\$559,982.05	N/A
Freight	\$10,162.77	\$10,162.77	Freight from mfg to staging area per Q-73719 CO 20504	\$10,162.72	N/A
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$79,672.08	N/A
Sales Tax	\$43,412.02	\$43,412.02	EST SALES TAX wise interim eq	\$43,412.02	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$4,997.49	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$20,000.00	N/A	N/A	N/A

25 Ton system	\$91,500.00	\$87,000.00	Required the the new interim	\$59,787.00	N/A
			transmitter		
			will be		
			placed in a room that is		
			not currently		
			equipped		
			with		
			necessary		
			HVAC		
			ventilation to		
			operate a		
			transmitter.		
Primary Transmitter ULXTE-60	\$1,863,848.42	\$1,789,485.03		\$1,299,024.96	
Transmitter site Preparation	\$11,500.00	\$11,500.00	Site prep for installation of the interim and main	\$11,500.00	N/A
			transmitters and RF components		
			not part of		
			Installation		
			SOW.		
Securirty -	\$17,500.00	\$17,500.00	This site	N/A	N/A
Site			requires		
			security		
			once the new		
			transmission		
			line and		
			equipment		
			arrive on		
			site to be		
			installed.		
			Estimated		
			length of 4-6 weeks.		
Freight	\$11,000.00	\$11,000.00	FREIGHT	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	N/A	\$1,102,418.81	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$10,679.71	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$20,000.00	N/A	N/A	N/A
25 Ton system	\$91,500.00	\$87,000.00	N/A	\$59,787.00	N/A
Other Building Addition Size: 200.0	\$20,000.00	\$20,000.00	Necessary to transition the interim and final transmitter installation locations.	N/A	N/A
Disconnect existing Transmitter	\$20,000.00	\$20,000.00	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.	\$18,500.00	N/A

Transmitter - Training	\$3,300.00	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A
Site Survey - TX	\$25,000.00	\$25,000.00	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.	\$16,500.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$44,636.61	PER Q- 75864	\$44,636.61	N/A
Sales Tax for EQ	\$80,848.42	\$80,848.42	Sales Tax for WISE - Main TX eq per MFG est and inv.	\$35,002.83	N/A
Sub-total	\$3,162,423.21	\$3,026,359.82	N/A	\$2,057,038.32	N/A
Total for all systems	\$5,484,532.71	\$5,399,497.32	N/A	\$3,565,425.69	N/A

## Components

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

UHF - Liquid Cooled Solid State Transmitter 21 - 31 **Component Description:** WISE-GATESkW INTERIM-4TH INV FOR LINE D OF INV US0321042 Amount: \$11,547.56 **Component Description:** WISE- INT TX 3RD INV FOR LINES A B INV TE10004484-Amount: \$174,047.71 **Component Description:** WISE-GATES-INTERIM TX - 2ND INV FOR TX -LINES A, B AND D FOR Q-73719 Amount: \$187,193.39 **Component Description:** WISE-GATES-**INTERIM TX - INV** FOR TX - LINES A, B AND D FOR Q-73719 Amount: \$187,193.39 Freight **Component Description:** WISE-GATES-INT-2ND INV-TE10004484-2 -FREIGHT - SEE Q-73719 Amount: \$2,566.66 **Component Description:** WISE-GATES-INT-4TH INV-US0321042 -FREIGHT -Amount: \$7,596.06

UHF inside RF system including switching	Component Description:	WISE-GATES-INT- TX 4TH INV- US0321042 FOR
	Amount:	RF COMP \$27,933.80
	Component Description:	WISE-GATES- INTERIM-3RD INV FOR RF INV TE10004484-3
	Amount:	\$51,738.28
Sales Tax		
	Component Description:	WISE-GATES-INT- TX 4TH INV- US0321042 FOR SALES TAX
	Amount:	\$2,834.02
	Component Description:	WISES GATES INT TX 3RD INV SALES TAX INV
	Amount:	TE10004484-3 \$14,137.71
	Component Description:	WISE-GATES-
		INTERIM INV 1/3 FOR UPLOADED QUOTE Q-73719
	Amount:	\$13,220.14
	Component Description:	WISE-GATES- INTERIM 2ND INV FOR SALES TAX-
	Amount:	QUOTE Q-73719 \$13,220.15

Switchgear - industrial 800		
amp	Component Description:	WISE-GATES- INTERIM-3RD INV
		FOR ELEC LINE C
	Amazinti	INV TE10004484-3
	Amount:	\$1,665.83
	Component Description:	WISE-GATES-
		INTERIM-1/3 FOR
		ELEC LINE C OF Q-
		73719
	Amount:	\$1,665.83
	Component Description:	WISE-GATES-
		INTERIM-2ND INV FOR ELEC LINE C
		OF Q-73719
	Amount:	\$1,665.83
2" Rigid Conduit and	Information not provided.	
Wiring (Cost per foot)	miomation not provided.	
25 Ton system		
	Component Description:	WISE - CURRENT
		HVAC FOR THE
		INTERIM IS HALF
		OF THE TOTAL
	Amount:	INV FOR PO 20323 \$59,787.00
	Amount.	\$39,767.00
Transmitter site		
Preparation	Component Description:	WISE - QCOMM
		MAIN AND
		INTERIM TX SITE
		PREP INV QC18-
	Amazzata	055 \$44,500,00
	Amount:	\$11,500.00
Securirty - Site	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description:	WISE-MAIN-TX- INV TE10004490-2
	Amount:	LINE A,B,E \$374,644.06
	Component Description:	WISE-GATES-TX- INV TE10004490-3 - LINE A,B, E
	Amount:	\$361,221.05
	Component Description:	WISE- MAIN-TX- INV - FOR LINES A B AND E OF Q- 73718, UPLOADED
	Amount:	\$366,553.70
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Transformer 3 phase/480v - 300 KVA	Component Description:	WISE-GATES- MAIN TX - INV
	Amount:	TE10004490-3 LINE D \$3,559.90
	Component Description:	WISE-GATES- MAIN TX - INVTE10004490-2
	Amount:	LINE D \$3,559.90
	Component Description:	WISE-GATES_ MAIN TX - ELEC per uploaded Q-
	Amount:	73718 line C. \$3,559.91
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

Component Description:	WISE - CURRENT
I .	HVAC FOR THE
	MAIN IS HALF OF
	THE TOTAL INV
	FOR PO 20323
Amount:	\$59,787.00
Information not provided.	
Component Description:	WISE QCOMM DECOMM TX INV QC18-081
Amount:	\$18,500.00
Information not provided.	
Component Description:	WISE-SURVEY-
Amount	INV QC18-033 \$16,500.00
Amount.	φ10,300.00
Composite Description	WICE CATES
Component Description:	WISE-GATES- MAIN-TX - INV -
	FOR QUOTE Q-
	73718 LINE C.
Amount:	\$14,878.87
Component Description:	WISE-GATES-TX-
	INV TE10004490-3
	- LINE C RF
Amount:	\$14,878.86
Component Description:	WISE-GATES-TX-
	INV TE10004490-2
Amount	- LINE C \$14,878.88
	Information not provided.  Component Description:  Information not provided.  Component Description:  Amount:  Component Description:  Amount:  Amount:  Amount:

Component Description:

WISE GATES
MAIN TX - 3RD INV
TE10004490-3
FOR SALES TAX
Amount:

\$8,053.36

Component Description:
WISE- GATESMAIN TX- sales tax
per inv est.
Amount:
\$26,949.47

# **Cost Information**

#### **Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-8-WB	\$183,317.50	\$181,027.50		\$48,762.00	
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 45 kW input, horizontally polarized	\$135,000.00	\$135,000.00	Entered Catalog of Costs dollar amount. For some reason the form stated \$0.00 in the Predetermined block for the replacement Primary antenna. Not sure why. We tried many options to alleviate the situation an none but adding the EST cost cured the issue.	\$40,432.50	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,400.00	N/A	\$8,329.50	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
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
FREIGHT	\$2,227.50	\$2,227.50	FREIGHT FROM MFG TO STAGING AREA - INV 93050	\$0.00	N/A
Primary Antenna TUA-O4-10 /40H-T-1R	\$117,830.00	\$192,600.00		\$0.00	
UHF - High Power Top Mount One Station antenna horizontally	\$0.00	\$0.00	N/A	N/A	N/A
polarized					
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	N/A	N/A
Retune Antenna	\$13,200.00	\$13,200.00	Retune Antenna estimated cost per EX V - PCI estimate e17449-5A.	N/A	N/A
Sub-total	\$301,147.50	\$373,627.50	N/A	\$48,762.00	N/A
Total for all systems	\$5,484,532.71	\$5,399,497.32	N/A	\$3,565,425.69	N/A

Actual Information	
Description	File Name

UHF - High Power, Side Mount, basic slot antenna, 8 **Component Description:** WISE-DIEbay,, 45 kW input, INTERIM ANThorizontally polarized 2nd INV LINE 1 -MAN00114 3-28 uploaded Order Conf # 407003 Amount: \$20,216.25 **Component Description: INTERIM ANT-**WISE-45 PERCENT INV LINE 1 Amount: \$20,216.25 **Component Description:** WISE-**DIELECTRIC-INT-BALANCE INV** 93050 LINE 1 Amount: \$4,492.50 Sweep test of existing Information not provided. antenna

Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Component Description:	WISE - DIE- INTERIM-ELBOW- LINE 16 - INV93050 BALANCE
	Amount:	\$925.50
	Component Description:	WISE - DIE- INTERIM-ELBOW- LINE 17 - MAN00114
	Amount:	\$4,164.75
	Component Description:	ELBOW-WISE MAIN INV 45 PERCENT LINE 17
	Amount:	\$4,164.75
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
FREIGHT		
	Component Description:	WISE-DIE- FREIGHT-INT-INV 93050 BALANCE PAYMENT
	Amount:	\$2,227.50
UHF - High Power Top Mount One Station antenna horizontally polarized	Information not provided.	
Sweep test of existing antenna	Information not provided.	
New combiner, cost per channel (without antenna)	Information not provided.	

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Retune Antenna	Information not provided.

## **Cost Information**

#### **Transmission Line**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$110,050.00	\$104,625.00		\$73,592.20	
Rigid Transmission Line - copper, 4 1 /16"	\$110,050.00	\$104,625.00	N/A	\$73,592.20	N/A
Primary Transmission Line	\$63,900.00	\$63,900.00		\$11,500.00	
Disconnect existing Interior RF components	\$12,500.00	\$12,500.00	Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities.	\$11,500.00	N/A

Refurbish	\$51,400.00	\$51,400.00	EST to	\$0.00	OVERAGE
Transmission			refurbish the		DUE TO
Line			existing		SALES TA
			Transmission		AND
			line to meet		FRIEGHT
			the		THAT WAS
			necessary		NOT
			specifications		ACCOUNTE
			as per the 2		FOR ON TH
			/21/17, Field		ORIGINAL
			report by		PROJECT
			Resonant		QUOTE.
			Results, Ltd.		T&C's #3
					AND #4
					APPLY,
					TOTAL-
					1,876.14
Sub-total	\$173,950.00	\$168,525.00	N/A	\$85,092.20	N/A
Total for all systems	\$5,484,532.71	\$5,399,497.32	N/A	\$3,565,425.69	N/A
Systems					

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

Rigid Transmission Line -		
copper, 4 1/16"	Component Description:	LINE INTERIM-
		LINE 2 DEPOSIT
		INV 45
		PERCENT WISE
	Amount:	\$36,796.10
	Component Description:	WISE-DIE-
		INTERIM- LINE -2
		nd invoice -
		MAN00114 -
		LINES 2 and 19
	Amount:	\$36,796.10
	Component Description:	WISE-DIE-
	Component Besonption.	INTERIM- LINE -
		BALANCE invoice
		- 93050 - LINE 2
	Amount:	\$5,894.90
Disconnect existing Interior		
RF components	Component Description:	WISE QCOMM
	23	DECOMM RF
		INV QC18-081
	Amount:	\$11,500.00

Lefurbish Transmission Line	
Component Desc	cription: INV 7032 -20F3
	LINE REFURB -
	WISE
Amount:	\$17,180.89
Component Desc	cription: WISE-PCI-INV
	7041-30F3 LINE
	REFURB
Amount:	\$17,766.15
Component Desc	cription: INV 6979-10F3
	LINE REFUB INV
	WISE-
Amount:	\$18,329.10

### **Cost Information**

#### **Tower Equipment and Rigging Costs**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$0.00	\$0.00		\$0.00	
Primary Tower	\$1,482,840.00	\$1,480,140.00		\$1,213,216.62	
New tower	\$1,259,740.00	\$1,259,740.00	see uploaded file for full request details and proposal and PO. file - WISE-13960 Tower request supporting documents- 4-4-18 7-11- Added \$76,875.00 for temporary parking lot because of new tower construction requirements.	\$1,192,816.62	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A

Structural	\$12,600.00	\$20,400.00	FAILING	\$20,400.00	N/A
engineering			TOWER		
tower load			ANALYSIS		
study for			REQUIRED		
well			NEW		
documented			DRAWINGS		
tower			AND		
			ANALYSIS		
			AS WE		
			TRIED TO		
			ENGINEER		
			OUT OF A		
			NEW		
			TOWER		
Sub-total	\$1,482,840.00	\$1,480,140.00	N/A	\$1,213,216.62	N/A
Total for all systems	\$5,484,532.71	\$5,399,497.32	N/A	\$3,565,425.69	N/A

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

New tower		
	Component Description:  Amount:	WISE - ERI NEW TOWER 2ND INVOICE WISE- 004 TOWER IS ERECTED \$595,634.12
	Component Description:	WISE - ERI - INV WISE-001 Invoice covers Materials for Custom Guyed Tower
	Amount:	\$591,482.50
	Component Description:	WISE- ERI- TOWER ENGR SURVEY- INV 51231- 6-11- FORMAT CHANGE TO INV
	Amount:	\$3,300.00
	Component Description:	WISE-ASPHALT FOR TEMP LOT DU TO NEW TOWER-INV 16198
	Amount:	\$56,000.00
	Component Description:	WISE - LOHNES - INV -201803- 0275-15 - FAA NOTICE AND ASR
	Amount:	\$2,400.00
Tall Tower (greater than 500')	Information not provided.	

Structural engineering tower
load study for well
documented tower

Component Description: WISE-FORD-

TOWER

DRAWING FOR

TOWER

ANALYSIS-INV

202415

**Amount:** \$16,500.00

Component Description: WISE-TOWER

ANALYSIS -PJ FORD-SEE PO 19985 AND QUOTE UPLOADED

**Amount:** \$3,900.00

### **Cost Information**

#### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actua Justif
Outside Professional Services	\$304,092.00	\$291,330.00		\$157,466.55	
General Legal fees	\$5,000.00	\$5,000.00	General legal fess that are not covered under the 399 EST line items and required to repack the station.	\$0.00	٨
Vendor Travel Expenses	\$15,080.00	\$15,080.00	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. CO 20392 DUE TO NEW TOWER	\$11,254.55	N
Quarterly reporting -Atty	\$7,500.00	\$7,500.00	Preparation and submittal of the FCC required quarterly report 387 by attorney. We estimate that Phase 6 will require 10 quarters@\$750 of report 387 submittals.	\$0.00	N
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N

Attorney Fees -	\$14,720.00	\$14,000.00	N/A	N/A	
Prepare and					
File request for					
Special					
Temporary					
Authorization					
Prepare	\$3,155.00	\$3,000.00	N/A	\$1,650.00	
engineering					
section of FCC					
Form 2100					
(main),					
Construction					
Permit					
Application					
Prepare	\$1,580.00	\$1,500.00	N/A	N/A	
engineering					
section of FCC					
Form 2100					
(main), License					
to Cover					
Application					
Perform	\$7,360.00	\$7,000.00	N/A	\$2,100.00	
engineering					
study for new					
channel					
assignment					
and antenna					
development					
Address	\$2,630.00	\$2,500.00	N/A	\$752.00	
transition					
timing and					
coordination					
issues w/ other					
stations and					
wireless					
Prepare and or	\$2,630.00	\$2,500.00	N/A	N/A	
review					
reimbursement					
form					

Sub-total  Total for all systems	\$304,092.00 \$5,484,532.71	\$291,330.00 \$5,399,497.32	N/A	\$157,466.55 \$3,565,425.69	N
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,760.00	N
Prepare request for Special Temporary Authorization	\$8,200.00	\$6,000.00	N/A	N/A	N
Project management of the transition	\$144,412.00	\$140,000.00	CO 20392 DUE TO MULTIPLE PROJECT CHANGES FORCED BY A NEW TOWER BUILD AND CONFIGURATION ENGINEERING.	\$136,950.00	N

Actual Information Description	File Name	
General Legal fees	Component Description	WISE Logal food
	Component Description:	WISE - Legal fees for tower approval- INV 20180201
	Amount:	\$1,022.00

Vendor Travel Expenses	Component Description:	WISE - QCOMM
		PM 8THRUOCT18 TRAVEL- PO CO 20392
	Amount:	\$9,000.00
	Component Description:	WISE-QCOMM-PM- TRAVEL INV- QC17- 151- ITEM 1010- 1015 SEE QC17006
	Amount:	\$2,254.55
Quarterly reporting -Atty	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100	Component Description:	WISE - ENGR NEW
(main), Construction Permit Application	Amount:	CH-CP \$1,650.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Perform engineering study for new channel assignment and antenna	Component Description:	WISE-ENGR-NEW CHANNEL
development	Amount:	\$2,100.00

Address transition timing and coordination issues w/ **Component Description: OPERATIONAL** other stations and wireless MEETING QMI AND SAGAMOREHILL ATTY \$611.00 Amount: **Component Description: OPERATIONAL** MEETING ATTY OF QMI AND SAGAMOREHILL -WISE Amount: \$141.00 **Component Description:** WISE-BROOKSlegal- shared services inv 3944698 Amount: \$188.00 Information not provided. Prepare and or review reimbursement form

Project management of		
the transition	Component Description:	WISE QCOMM PM
		AUG THRU OCT18
		INV QC19-020 CO
		20392
	Amount:	\$39,000.00
	Component Description:	WISE QCOMM PM
		4THRU7-18, NEW
		TOWER BEGAN -
		INV QC18-071 CO
		20392
	Amount:	\$49,350.00
	Component Description:	WISE-PM-SEPT-
		DEC-17 - INV QC18-
		017
	Amount:	\$15,015.00
	Component Description:	PM-WISE 50
		PERCENT
		DEPOSIT INV
	Amount:	\$29,147.50
	Component Description:	WISE-QCOMM-PM-
	Jones South Property	INV QC17-151-
		MAR-AUG17
	Amount:	\$16,230.00
	Component Description:	WISE-PM-1THRU3-
		18-INV-QC18-046
	Amount:	\$17,355.00
Prepare request for	Information not provided.	
Special Temporary		

Attorney Fees - Prepare and File FCC Form 2100 **Component Description:** LEGAL APRIL17 (main), Construction WILEY-WISE Permit Application \$410.00 Amount: **Component Description:** LEGAL JULY17 WILEY WISE Amount: \$1,995.00 **Component Description: LEGAL WILEY** JUNE17 WISE Amount: \$1,962.50 **Component Description: LEGAL WILEY** AUG17-WISE Amount: \$392.50 Attorney Fees -Prepare Information not provided. and File FCC Form 2100 (main), License to Cover Application

## **Cost Information**

#### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co
Other Expenses	\$60,080.00	\$59,515.00		\$3,850.00	
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	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
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	40 yard disposal bin on site to capture all waste from on site system integration and tower vendors with multiple pick up for at least 6 months on site.	N/A	N/A
Equipment Delivery and Handling Charges	\$8,000.00	\$8,000.00	Transport, forklift rental and handling fees from staging area to transmitter site.	N/A	N/A

Equipment Storage	\$10,000.00	\$10,000.00	Expecting multiple	\$3,850.00	
			staggered		
			equipment		
			deliveries from		
			different		
			vendors and		
			need to store		
			and stage new		
			equipment prior		
			to installation		
			date. Anticipate		
			from 6-24		
			months of		
			storage time.		
Develop and	\$15,000.00	\$15,000.00	Required FCC	N/A	N/A
air			announcements		
announcement			and good will		
of upcoming			public relations		
channel			must we		
change			upheld. The		
			production		
			airing and		
			disseminating		
			of these		
			announcements		
			are		
			fundamental to		
			our operations.		
MVPD	\$5,000.00	\$5,000.00	Required FCC	N/A	N/A
Notification of			notification.		
Channel					
Change					
Sub-total	\$60,080.00	\$59,515.00	N/A	\$3,850.00	N/A
Total for all systems	\$5,484,532.71	\$5,399,497.32	N/A	\$3,565,425.69	N/A

Actual Information Description	File Name
DTV Medical Facility Notification	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.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
Equipment Storage		
	Component Description:	WISE-FORKLIFT RENT TO UNLOAD INTO STORAGE. INV 1004
	Amount:	\$250.00
	Component Description:	WISE-STORAGE- 1-18 THRU-4-11- 18 INV-1003
	Amount:	\$1,800.00
	Component Description:	WISE - EQ STORAGE-4-12- 18-7-12-18 - INV
	Amount:	1008 \$1,800.00
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,484,532.71	\$5,399,497.32	\$3,565,425.69

Reimbursem	envestiatus	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

Section Question Response

#### Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

03/14/2019

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
  Person signing
  below certifies and
  represents that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

03/14/2019

#### **Attachments**