

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	66402	Service: DTV	Call	KIMT Channel: 24 (UHF)
ID:			Sign:	
File	000002	7601		
Number:				
FRN: 00	25670290	Date	05/11	
		Submitted:	/2019	

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
ROCHESTER TV LICENSE COMPANY, LLC	3282 NORTHSIDE PARKWAY Suite 275 ATLANTA, GA 30327 United States	+1 (470) 355- 1944	jburgett@wileyrein. com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information	Address Phone Email		
Contact Information	Applicant	Address	Phone	Email
	The Preparer is same as the reimbursement contact.			

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.	Yes
Briefly describe transition plan	Install new primary transmitter and interim side-mount antenna/line for temporary operation on repack ch. 24 while install new primary top-mount antenna/line for permanent ch. 24 operations. Maintain interim antenna as backup.

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

uxiliary	Add Transmitter Information			
ransmitter	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Auxiliary (Backup)	
		Description of Use	Backup	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this transmitter currently shared with another station?	No	
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter	Manufacturer		
	Manufacturer and Type	Model	Diamond	
		Year	2002	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	1.8 kW	

Add Transmitter Information

Auxiliary	New Transmitter Costs			
Transmitter	Section	Question	Response	
	New Transmitter	Use	Auxiliary (Backup)	
		Change Type	Purchase New	
	Is this a request for upgraded equipment?	Is this a request for upgraded equipment?	No	
		Manufacturer		
	-	Model	UAXTE 4R37	
		Transmitter Type	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power capacity	2.4 kW	
		Justification for New Transmitter	Existing aux /backup transmitter cannot be re- channeled to meet repack channel assignment and is no longer supported by manufacturer.	

Other Transmitter Costs

Auxiliary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V) Switchgear (industrial 800 amp)	No	
			No	
		Transformer (480V)	No	
		Power	N/A	
		Rigid Conduit and Wiring	No	
		Size	N/A	

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

Other Transmitter Cost Not Listed

AuxiliaryOther Transmitter CoTransmitterInformation not provided.

Primary	Existing Transmitter Information			
Transmitter	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	CD3260P2- CF	
		Year	2007	
		Туре	Inductive Output Tube	
		IOT Power Type	Two	
		Power Capacity	60 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	ULXTE72	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	47.2 kW	
		Justification for New Transmitter	Current primary transmitter cannot be re- channeled to meet repack channel assignment and is no longer supported by manufacturer. See Attachment 1.	

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	No	

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
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?	Yes
	Size	425.0 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	Other Transmitter Cost Not Listed		
Transmitter	Name	Description	
	Building Expansion electrical work	Station building, other electrical work to support the re-pack transition	

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?	No	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	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)	800.0 kW	

Manufacturer	
Model	TFU- 30GTH-R- 04
Year	2007

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?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	553.0 kW	
		Manufacturer		
			1	

Model
Year
Justification for New Antenna

Other Antenna Costs

Primary 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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep	Test
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Primary Other Antenna Cost Not Listed

Antenna Information not provided.

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?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	553.0 kW	
		Manufacturer		
		Model	ATW18H3- ESO-24H	
		Year	2017	

Justification for New Antenna	Interim antenna and
	transmission
	line needed
	to maintain
	on-air
	service
	while new
	primary
	antenna and
	transmission
	line installed.

Other Antenna Costs

Interim Antenna

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

InterimOther Antenna Cost Not ListedAntennaInformation not provided.

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

Primary	Existing Transmission Line			
Transmissio	n Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing transmission line shared with another station or stations?	No	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission	Manufacturer		
	Line Manufacturer and Type	Туре	Rigid	
		Diameter	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	19 1/2 inches	
		Other Segment Length	N/A	
		Number of parallel runs	3	
	Length	1400 feet per run		

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	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	19 3/4 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1680 feet per run
		Justification for New Transmission Line	New transmission line is required for installation of primary antenna. Repack channel necessitates a change in transmission line segment length.

Interim	New Transmission Line		
Transmissio	n Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	19 ½ '
		Other Segment Length	
		Number of parallel runs	1
		Length	1141 feet per run
		Justification for New Transmission Line	Interim antenna and transmission line needed to maintain on-air service while new primary antenna and transmission line installed.

Interim Other Transmission Line Expenses Not Listed Transmission

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Move Equipment	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	No	
		Is tower documented for structural analysis?	Unknown	
		Is tower compliant with Rev G?	Yes	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1253749	
	Coordinates (NAD83 (Latitude (NAD83)	43° 28' 32.0" N-	
	North American Datum of 1983))	Longitude (NAD83)	092° 45' 30.0" W-	
		Overall Structure Height	1553.13 feet	
		Support Structure Height	1499.98 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	1274.92 feet	

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Iowa Public Broadcasting
Date Constructed	09/18/2007

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
29086	KYIN	DTV

Primary Tower Rigging Costs

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
	Tower Rigging - Other Expenses	Structural Analysis and Report

Outside Professional	Section	Question	Response
	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	KIMT does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the construction deadline for Phase 1. KIMT will hire an outside firm to ensure a timely and well managed transition.
	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	2
		Do you have Distributed Transmission System engineering services?	N/A

	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	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	2
	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	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside
ProfessionalOther Professional Services Expenses Not Listed
DescriptionDescription

Attorney Fees and Other Matters

Other	Section	Question	Response
Expenses	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

Other Expenses	Other Expenses Not Listed				
	Name	Description			
	Taxes and Freight	Taxes & Freight from invoice KIMT-004 for Primary & Interim Antenna, Interim Side Mount Brackets, Primary & Interim Transmission Lines, Primary System Sweep & All Install. These Costs were not originally included in separate est costs			

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 Justification
Primary Transmitter ULXTE72	\$1,565,787.86	\$1,511,155.77		\$1,381,980.88	
Other Building Addition Size: 425.0	\$59,000.00	\$59,000.00	Cost for construction of small transmitter building per attached quote from Thermobond Buildings	N/A	N/A
Building Expansion electrical work	\$33,787.86	\$33,787.86	Please see the attached invoice from Blazek Electric # 70822	\$33,787.86	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,418,367.91	See Attachment 1. Also see Attachment "TE10004427 KIMT revised 11.16.17.pdf" (Gates Air invoice) showing total with estimated freight and taxes included.	\$1,348,193.02	N/A
Auxiliary Transmitter UAXTE 4R37	\$126,000.00	\$120,000.00		\$106,626.31	

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$106,626.31	N/A
Sub-total	\$1,691,787.86	\$1,631,155.77	N/A	\$1,488,607.19	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information Description	File Name	
Other Building Addition Size: 425.0	Information not provided.	
Building Expansion electrical work	Component Description: Amount:	Labor and materials \$33,787.86
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description:	Primary Transmitter ULXTE-72. Request does not include cost for shipping and taxes, which will be requested when these expenses are incurred. See Attachment "KIMT - GatesAir Purchase Order Quote Q-58773 ULXTE-72." \$1,313,427.96

Component Description: Amount:	Repair Brass Tube, Silicone TIG Rod \$119.44
Component Description: Amount:	Nitrogen size 80 \$102.72
Component Description: Amount:	REG EXP FOAM INSULATION 12 oz \$32.71
	••
Component Description: Amount:	V2076 S HOOK 1 1 /2" HEAVY OPEN GORILLA CONSTRUCT ADHESIVE 9OZ \$16.72
Component Description: Amount:	Change Fittings (Mike) \$26.75
Component Description:	1INX60YD SAFE RELEASE BLUE TAPE 3/8" DR X 8 PC SOCKET SET
Amount:	\$31.12
Component Description: Amount:	Cylinder Propane 20# Typei, Tie- down 6" Gray 400#, LP 20 lb. \$63.73

Component Description: Amount:	IPTV Personnel Services: On-site time and services during KIMT re- pack \$14,264.07
Component Description: Amount:	3" Air, Transmission Line, Coaxial \$6,605.50
Component Description: Amount:	Repair 6" Cut Piece, Repair 6" Cut Piece \$119.45
Component Description: Amount:	Acetylene Cylinders \$39.91
Component Description: Amount:	12" LOCK N LOAD SPADE EXTENSION \$44.53
Component Description: Amount:	4 IN Adjustable C- Clamp \$64.36
Component Description: Amount:	Assist Engineer w/ unloading transmitter & equipment \$12,799.50

		GRINDER KIT 2- 6.0AH
	Amount:	\$307.05
	Component Description:	1-OZ Pack rosin
	Amount:	core solder \$24.12
	Component Description:	Acetylene, nitrogen, oxygen cylinders
	Amount:	\$43.46
	Component Description: Amount:	Oxygen, Acetylene \$59.92
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description:	Auxiliary
	component Description.	Transmitter
		UAXTE-4R37.
		Request does not
		include costs for
		shipping and
		taxes, which will
		be requested when
		these expenses
		are incurred.
		Invoice includes
		cover letter
		requested by Func
		Administrator.
	Amount:	\$106,626.31

Antennas

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 Justification
Interim Antenna ATW18H3- ESO-24H	\$481,640.00	\$252,775.00		\$166,779.53	
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	\$1,750.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$11,880.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 553 kW input, elliptically or circularly polarized	\$67,500.00	\$67,500.00	The remaining costs for a like-for-like replacement, per ERI Proposal 20171027- 119. KIMT has been reimbursed \$101,250.00 via the two previous antenna categories.	\$1,274.53	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$101,250.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Total cost of Interim Antenna ATW18H3- HSO-24H is \$168,750.00. Form 399 system has split estimate into two separate line items, which when combined equal \$168,750.00.	\$101,250.00	Total cost of Interim Antenna ATW18H3- HSO-24H is \$168,750.00. Form 399 system has split estimate into two separate line items, which when combined equal \$168,750.00.

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$50,625.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$50,625.00	Total cost of Interim Antenna ATW18H3- HSO-24H is \$168,750.00. Form 399 system has split estimate into two separate line items, which when combined equal \$168,750.00.
Primary Antenna ATW22H3- ETO-24H	\$555,530.00	\$361,721.68		\$283,710.65	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$0.00	N/A	\$0.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$81,250.00	The remaining costs for a like-for-like replacement, per ERI Proposal 20171027- 119. KIMT has been reimbursed \$121,875.00 via the previous antenna category.	\$4,013.97	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,625.00	N/A
UHF - High	\$247,000.00	\$274,071.68	***System	\$274,071.68	Invoice
Power Top			Notice:		KIMT-004
Mount			Estimate		includes tota
(200-1000			adjusted and		sales tax
kW), One			locked		and freight
station			because line		charges for
antenna,			has been		all
horizontally			superseded.		equipment
polarized			***Estimated		provided by
			cost includes		ERI and
			tax and		identified on
			freight		invoice.
			expenses		
			totalling		
			\$91,259.18		
			for primary		
			and interim		
			antennas.		
			See		
			Attachment		
			"Invoice-		
			KIMT-004,		
			Cover Letter,		
			Explanation		
			of Variance		
			and Quote		
			(submitted		
			8.31.18).		
			pdf."		
Sub-total	\$1,037,170.00	\$614,496.68	N/A	\$450,490.18	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information Description	File Name	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Component Description: Amount:	Chamber Testing \$1,750.00

high power antennas (if not included in antenna base cost)	Component Description:	Interim Antenna Side Mount Brackets. Initial
	Amount:	30% payment. \$3,960.00
	Component Description:	Interim Antenna Side Mount Brackets. Third
	Amount:	30% payment. \$3,960.00
	Component Description:	Interim Antenna Side Mount Brackets. Second
	Amount:	30% payment. \$3,960.00
Sweep test of existing antenna	Component Description:	Sweep test for
	Amount:	interim antenna not included on invoice N/A
UHF - High Power, Side Mount, basic slot antenna,	Component Description:	Uni. clip Angle for
553 kW input, elliptically or circularly polarized		vert. spring hangers
	Amount:	\$1,274.53

UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	Interim Antenna ATW18H3-HSO- 24H (H-pol pricing). Third 30% payment.
	Amount:	\$50,625.00
	Component Description:	Interim Antenna ATW18H3-HSO- 24H (H-pol pricing). Second 30% payment.
	Amount:	\$50,625.00
UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	Interim Antenna ATW18H3-HSO- 24H (H-pol pricing). Initial 30% payment.
	Amount:	\$50,625.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description:	Elbow 6-1/8" 50 OHM 90DEG REINFORCED
	Amount:	\$3,949.53
	Component Description:	Link Chain LAP 3
	Amount:	/16 X 1" \$23.65
	Component Description:	Mag 1-3/4" COV LCK 1.5 3pk, Nuts Bolt Screws

Sweep test of existing antenna		
antenna	Component Description:	Primary Antenna System Sweep
		Test. Second 30% payment.
	Amount:	\$1,875.00
	Component Description:	Primary Antenna
		System Sweep
		Test. Third 30%
	Amount:	payment. \$1,875.00
	Component Description:	Primary Antenna
		System Sweep
		Test. Initial 30% payment.
	Amount:	\$1,875.00

UHF - High Power Top Mount (200-1000 kW), One station antenna,	Component Description:	Primary Antenna ATW22H3-HTO-
horizontally polarized		24H (H-pol
		pricing). Initial 30%
		payment.
	Amount:	\$60,937.50
	Component Description:	Primary Antenna
		ATW22H3-
		HTO24H (H-pol
		pricing). Amount
		requested includes
		third 30% payment
		for primary antenna
		plus total sales tax
		and freight charges
	Amount:	\$152,196.68
	Component Description:	Primary Antenna
		ATW22H3-HTO-
		24H (H-pol
		pricing). Second
		30% payment.
	Amount:	\$60,937.50

Transmission Line

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 Justification
Interim Transmission Line	\$230,482.00	\$219,072.00		\$141,587.49	
Rigid Transmission Line - copper, 6 1/8"	\$230,482.00	\$219,072.00	N/A	\$141,587.49	N/A
Primary Transmission Line	\$339,360.00	\$322,560.00		\$213,058.50	
Rigid Transmission Line - copper, 6 1/8"	\$339,360.00	\$322,560.00	N/A	\$213,058.50	N/A
Sub-total	\$569,842.00	\$541,632.00	N/A	\$354,645.99	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information Description

File Name

Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	Interim Antenna Rigid Transmission Line System - Copper 6- 1/8". Initial 30% payment. \$47,195.83
	Component Description: Amount:	Interim Antenna Rigid Transmission Line System - Copper 6- 1/8". Second 30% payment. \$47,195.83
	Component Description: Amount:	Interim Antenna Rigid Transmission Line System - Copper 6- 1/8". Third 30% payment. \$47,195.83

Rigid Transmission Line - copper, 6 1/8"		
	Component Description:	Primary Antenna
		Rigid
		Transmission Line
		System - Copper 6-
		1/8". Third 30%
		payment.
	Amount:	\$71,019.50
	Component Description:	Primary Antenna
		Rigid
		Transmission Line
		System - Copper 6-
		1/8". Second 30%
		payment
	Amount:	\$71,019.50
	Component Description:	Primary Antenna
		Rigid
		Transmission Line
		System - Copper 6-
		1/8". Initial 30%
		payment.
	Amount:	\$71,019.50

Tower Equipment and Rigging Costs

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 Justification
Primary Tower GTOWER	\$217,000.00	\$316,368.60		\$307,025.40	
Tower Rigging - Other Expenses	\$6,500.00	\$6,500.00	ERI Proposal 20180403-601	\$6,500.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$309,868.60	Rigging for interim antenna and primary antenna per attached proposal from ERI; derig and demobilization of existing antenna; ERI Quote #20180718- 729	\$300,525.40	X
Sub-total	\$217,000.00	\$316,368.60	N/A	\$307,025.40	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information	
Description	File Name

Tower Rigging - Other Expenses	Component Description: Amount:	50% deposit - Structural analysis and report \$3,250.00
	Component Description: Amount:	Balance due - structural analysis & report \$3,250.00
Tall Tower (greater than 500')	Component Description: Amount:	Weather Day \$7,800.00
	Component Description: Amount:	50% deposit - increased antenna installation cost \$23,740.00
	Component Description: Amount:	Balance due - increased antenna installation cost \$27,063.60
	Component Description:	Installation Services - Primary, Interim antennas, and transmission lines. Second 30% payment. \$77,719.50

Component Description:	Installation Services - Primary, Interim antennas, and transmission lines Initial 30%
Amount:	payment. \$77,719.50
Component Description:	Installation
component Description.	Services -
	Primary, Interim
	antennas, and
	transmission lines
	Third 30%
	payment.
Amount:	\$77,719.50
Component Description:	Additional work,
	Installed 1-5/8"
	Connector
Amount:	\$8,763.30

Outside Professional Services

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 Justification
Outside Professional Services	\$145,260.00	\$155,266.25		\$61,414.05	
Attorney Fees and Other Matters	\$14,810.00	\$14,810.00	see Wiley Rein invoice 1486742	\$14,810.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$5,330.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$1,583.75	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$6,310.00	Wiley Rein invoice #1482487	\$1,310.00	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$2,250.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$250.00	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	\$2,150.00	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	\$8,221.25	Wiley Rein Invoice #1467360, #1449759, #1436513, and #1482491	\$8,221.25	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Per Widelity quote KIMT Strategic support quote 12- 16-18	\$25,509.05	N/A

Sub-total	\$145,260.00	\$155,266.25	N/A	\$61,414.05	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information	
Description	File Name

Matters	Component Description:	Professional Services
	Amount:	Services \$905.00
	Amount.	ψ303.00
	Component Description:	Professional
		Services
	Amount:	\$226.25
	Component Description:	Total Professional
		Services, Total
		Disbursements
	Amount:	\$4,510.00
	Component Description:	KIMT-550-Attorney
		Fees - Other
	A	Matters
	Amount:	\$1,230.00
	Component Description:	Total Professional
		Services, Total
	Amount	Disbursements
	Amount:	\$1,583.75
	Component Description:	KIMT-550-Attorney
		Fees - Other
	Amounti	Matters
	Amount:	\$2,255.00
	Component Description:	Professional legal
		services
	Amount:	\$4,100.00

Component Description: Amount:	Legal services \$1,230.00
Component Description:	Professional services
Amount:	\$1,230.00
Component Description: Amount:	Legal Services \$2,870.00
Component Description: Amount:	KIMT-550-Attorney - License to Cover Application (Main) \$1,583.75
Component Description: Amount:	Total Professional Services, Total Disbursement \$1,310.00
	Amount: Component Description: Amount:

Prepare request for		
Special Temporary Authorization	Component Description:	Consulting Engineer - Review final operating constants regarding construction of repack Ch-24, develop technical parameters based on as-built transmitter and top- mount antenna.
	Amount:	\$1,312.50
	Component Description:	Consulting Engineer - Develop technical parameters for auxiliary/interim sidemount antenna on repackCh-24 for use during transition. \$937.50
Prepare engineering		<i></i>
section of FCC Form 2100 (main), License to Cover Application	Component Description:	Consulting Engineer - J. Davis - Hourly (@ \$250 /hr)
	Amount:	\$250.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Component Description:	Consulting Engineer - Regarding repack Ch-24 implementation at phase 1, conduct channel study to identify existing LPTV & translator stations that would cause interference to KIMT's new channel \$250.00
Component Description:	Review specifications from antenna vendor for repack Ch-24
Amount:	implementation \$275.00
Component Description: Amount:	Consulting Engineer - Hourly \$312.50
Component Description: Amount:	Consulting Engineering - Hourly \$187.50
Component Description:	Consulting Engineer - Obtain main antenna manufacturer's as- built specifications and determine ERP as realized with new transmitter on repack Ch-24. \$1,125.00
	Amount: Component Description: Amount: Component Description: Amount: Component Description:

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description:	Prepare Form 399 repack reimbursement request
	Amount:	\$1,230.00
	Component Description:	KIMT-590-Prepare and/or Review Reimbursement Form
	Amount:	\$226.25
	Component Description:	KIMT-590-Prepare and/or Review Reimbursement
	Amount:	Form \$820.00
	Component Description: Amount:	Legal services \$3,075.00
	Component Description:	Total professional Services Total Disbursements
	Amount:	\$2,870.00

ransition	Component Description: Amount:	Project Management \$7,855.70
	Component Description: Amount:	Project Management \$8,706.05
	Component Description: Amount:	Project Management \$2,025.30
	Component Description: Amount:	Project Management \$3,053.45
	Component Description:	Project Management \$3,868.55

Other Expenses

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 \$143,588.74	Estimated Cost \$143,023.74	Estimated Cost Justification	Actual Cost \$10,832.94	Actual Cost Justification
Expenses	• • • • • • •	,		,	
Taxes and Freight	\$91,259.18	\$91,259.18	Per ERI Invoice KIMT-004	N/A	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	Mailing notification letters to cable and satellite providers.	\$4,734.00	N/A
Develop and air announcement of upcoming channel change	\$7,500.00	\$7,500.00	N/A	N/A	N/A
Equipment Storage	\$2,749.56	\$2,749.56	Renting of storage sheds or onsite trailer to store equipment; A1 Storage and Crane Service, Inc. Invoice #77970	\$2,088.68	N/A

Equipment Delivery and Handling Charges	\$6,000.00	\$6,000.00	Equipment Delivery and Handling Charges, fork lift, manpower, etc	\$1,240.26	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$19,000.00	\$19,000.00	Removal of old copper and old transmitter.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,770.00	N/A
Sub-total	\$143,588.74	\$143,023.74	N/A	\$10,832.94	N/A
Total for all systems	\$3,804,648.60	\$3,401,943.04	N/A	\$2,673,015.75	N/A

Components

Actual Information Description	File Name
Taxes and Freight	Information not provided.

MVPD Notification of		
Channel Change	Component Description:	MVPD Notification
	Amount:	Services \$1,578.00
	Amount.	ψ1,570.00
	Component Description:	Notification of Cable and Satellite MVPD Providers of new RF Channel and Transport Stream Parameters on the Repack Channel.
	Amount:	\$1,578.00
	Component Description:	MVPD Notification
	Amount:	Services \$1,578.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description:	45' high cube storage container leas. 53' storage container
	Amount:	\$329.56
	Component Description:	45' High cube storage container lease, storage
	Amount:	container \$1,429.56
	Component Description:	45' High Cube
		Storage Container Lease, 53' Storage
		Container

Component Description: Amount:	Hydraulic pallet dollie/jack \$640.26
Component Description:	Transportation, Peosta, IA Mcintire IA Del 10/29 \$600.00
Anount.	\$000.00
Information not provided.	
Information not provided.	
Information not provided.	
Component Description: Amount:	DTVNotification \$2,770.00
	Amount: Component Description: Amount: Information not provided. Information not provided. Information not provided. Information not provided. Component Description:

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,804,648.60	\$3,401,943.04	\$2,673,015.75

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.	Robert S. Prather , Jr <i>CEO</i> 05/11/2019

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 aut name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	Robert S. Prather , Jr CEO
		05/11/2019

Attachments