

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **9754** | Service: **DTV** | Call **KNCT** | Channel: **17 (UHF)**  
 ID: | Sign:  
 File **0000028595**  
 Number:  
 FRN: **0018223693** | Date **01/12**  
 Submitted: **/2022**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>Gray Television Licensee, LLC</b>	4370 Peachtree Road, NE	+1 (404) 504-9828	robert.folliard@gray.tv	Limited Liability Company
Doing Business As: KNCT	Atlanta, GA 30319 United States			

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Samuel Hariton</b> <i>Widely Inc.</i>	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.com

## Broadcaster Information and Transition Plan

Question	Response
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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	Structural failed on existing tower. Move equipment to new location, new Ch 17 top mount antenna, with new transmission line in new tower. Use existing antenna, line and IOT transmitter to operate until channel transition.

## Transmitters

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Visionary DT
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	30 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9-36evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55.0 kW
	Justification for New Transmitter	IOT transmitter cannot be retuned for new channel. SS transmitter to be used for post-repack channel. See narrative. Transformer is 90 kVA - 150 is lowest option available on 399 form

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	15 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Transmitter Bldg Roof</b>	New roof on Moody location transmitter bldg due to forced repack relocation
<b>Transformer 3 phase - 480v - 90 KVA</b>	Transformer option at 90 kVA is not available on form 399. Please see Rohde & Schwarz Transmitter Quote

<b>Primary Transmitter - Heat Exchanger Stands</b>	Primary Transmitter - Heat Exchanger Stands
<b>Ice Break Structure</b>	Parts and Labor for Ice Break Structure to protect exterior parts of the heat exchangers

**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	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?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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) .....	500.0 kW



Manufacturer	
Model	ATL20H3- HSO-38
Year	2003

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	

Model	TFU-28DSC-R C170
Year	2020
Justification for New Antenna	Existing antenna is single channel 46, not tunable to Ch 17.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	30.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	270.0 kW
	Manufacturer	
	Model	TFU-16WB- 1-R C160
	Year	2019

Justification for New Antenna	INTERIM ANTENNA NO LONGER REQUIRED - CATEGORY CANNOT BE REMOVED FROM LMS
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**Interim  
Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	No

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

**Primary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	1180 feet per run



**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1541 feet per run
	Justification for New Transmission Line	Building new tower. Existing transmission line needed to keep station on air while new antenna and line installed in new tower. See narrative.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

Interim  
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	5 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1050 feet per run
	Justification for New Transmission Line	Line to feed interim antenna. See narrative.

Interim  
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1046229
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	31° 19' 19.2" N-
	Longitude (NAD83)	097° 19' 03.0" W-
	Overall Structure Height	1666.97 feet
	Support Structure Height	1583.97 feet
	Ground Elevation Above Mean Sea Level (AMSL)	853.01 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Gray Television Group, Inc.
	Date Constructed	03/10/2010

**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
35903	KWTX-TV	DTV

## Primary Tower

### Tower Modification Costs

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

## Primary Tower

### Tower Rigging Costs

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Foundation mapping and Geotechnical Services	Foundation mapping and Geotechnical Services for Load Analysis

## Primary Tower

### Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	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	1058073
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 59' 09.0" N-
	Longitude (NAD83)	097° 37' 52.0" W-
	Overall Structure Height	1140.73 feet
	Support Structure Height	1095.79 feet
	Ground Elevation Above Mean Sea Level (AMSL)	925.84 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	CENTRAL TEXAS COLLEGE
	Date Constructed	01/01/1969

**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.

## 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	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?	Yes
	ASR Number	1058073
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	30° 59' 09.0" N-
	Longitude (NAD83)	097° 37' 52.0" W-
	Overall Structure Height	1140.73 feet
	Support Structure Height	1095.79 feet
	Ground Elevation Above Mean Sea Level (AMSL)	925.84 feet
	Structure Type	TOWER - Free Standing or Guyed Structure



	Tower Owner	CENTRAL TEXAS COLLEGE
	Date Constructed	01/01/1969

**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
9977	KNCT-FM	FM

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	1584.00 feet
	Justification for New Tower	Existing tower failed TIA 222-g standard, repairs too extensive and not feasible as per structural analysis conclusion. See narrative and analysis attachment. This is a direct replacement.

Primary  
Tower

Tower Rigging Costs

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

Primary  
Tower

Other Tower Expenses Not Listed

Name	Description
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<b>Main antenna install</b>	Main top antenna and transmission line installation.
<b>Removal of Tower</b>	Remove existing tower and equipment upon completion of new tower.
<b>Structural Study</b>	Structural Engineering study (attached)

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	895
	Explanation	Extensive coordination over extended time period due to major construction of new tower and coordination with tenants on existing tower and moving to new tower negotiations. See narrative and quote1765.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A

	Justification	N/A
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Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Attorney Fees - Other Matters	Legal Services

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	Yes
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
Preliminary Site Survey	Field Services and Site Survey performed by Marsand, Inc
Microwave Equipment	Microwave expenses to replicate the pre-repack coverage caused by the station's forced move. Please see KNCT Heartland Video System Quote WISQ53716-03.



## 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
<b>Primary Transmitter THU9-36evo</b>	<b>\$2,020,836.98</b>	<b>\$1,564,103.17</b>		<b>\$1,404,112.52</b>	
Ice Break Structure	<i>\$61,320.00</i>	\$61,320.00	Please see Estimated Cost Justification KNCT-110-1st Primary Transmitter - Other Costs Not Listed - Ice Break Structure v0	\$61,320.00	N/A
Primary Transmitter - Heat Exchanger Stands	<i>\$3,600.00</i>	\$3,600.00	Please see Marsand quote 2028	\$3,600.00	N/A
Transformer 3 phase - 480v - 90 KVA	<i>\$100,731.22</i>	\$100,731.22	Per Estimated Cost Justification KNCT-110-1st Primary Transmitter - Transformer 3 phase - 480v - 90 KVA v2	\$100,494.81	N/A
Transmitter Bldg Roof	<i>\$11,385.76</i>	\$11,385.76	Justifying Quote and PO - KNCT Parsons Commercial Roofing, PO #001949	\$0.00	N/A

15 Ton system	\$55,800.00	\$66,180.44	Seeking full reimbursement for Lochridge-Priest Quote for HVAC work forced by the KNCT build out at the Moody Towers.	\$42,069.63	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,320,885.75	Please see Estimated Cost Justification KNCT-110-1st Primary Transmitter - UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW v2	\$1,196,628.08	N/A
<b>Sub-total</b>	\$2,020,836.98	\$1,564,103.17	N/A	\$1,404,112.52	N/A
<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62	N/A	\$3,469,517.15	N/A

## Components

### Actual Information

Description	File Name
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Ice Break Structure	<table> <tr> <td data-bbox="711 174 1018 208"><b>Component Description:</b></td><td data-bbox="1153 174 1378 365">Work included: Removal of ventilator and temporary Cover of opening</td></tr> <tr> <td data-bbox="711 376 820 409"><b>Amount:</b></td><td data-bbox="1153 376 1283 409">\$39,350.00</td></tr> <tr> <td data-bbox="711 517 1018 551"><b>Component Description:</b></td><td data-bbox="1153 517 1378 864">Spivey's Welding Service, Inc. is submitting this Invoice for the Engineering Consultant Ice Break Structure study for KNCT-TV Heat exchanges</td></tr> <tr> <td data-bbox="711 875 820 909"><b>Amount:</b></td><td data-bbox="1153 875 1267 909">\$1,000.00</td></tr> <tr> <td data-bbox="711 1016 1018 1050"><b>Component Description:</b></td><td data-bbox="1153 1016 1310 1084">Ice break and building work</td></tr> <tr> <td data-bbox="711 1095 820 1128"><b>Amount:</b></td><td data-bbox="1153 1095 1267 1128">\$3,000.00</td></tr> <tr> <td data-bbox="711 1236 1018 1270"><b>Component Description:</b></td><td data-bbox="1153 1236 1358 1583">Spivey's Welding Service, Inc. is submitting this Partial Invoice for the Ice Break and Building work for KNCT-TV ch 17 Repack to Moody Tower Site.</td></tr> <tr> <td data-bbox="711 1594 820 1628"><b>Amount:</b></td><td data-bbox="1153 1594 1283 1628">\$17,970.00</td></tr> </table>	<b>Component Description:</b>	Work included: Removal of ventilator and temporary Cover of opening	<b>Amount:</b>	\$39,350.00	<b>Component Description:</b>	Spivey's Welding Service, Inc. is submitting this Invoice for the Engineering Consultant Ice Break Structure study for KNCT-TV Heat exchanges	<b>Amount:</b>	\$1,000.00	<b>Component Description:</b>	Ice break and building work	<b>Amount:</b>	\$3,000.00	<b>Component Description:</b>	Spivey's Welding Service, Inc. is submitting this Partial Invoice for the Ice Break and Building work for KNCT-TV ch 17 Repack to Moody Tower Site.	<b>Amount:</b>	\$17,970.00
<b>Component Description:</b>	Work included: Removal of ventilator and temporary Cover of opening																
<b>Amount:</b>	\$39,350.00																
<b>Component Description:</b>	Spivey's Welding Service, Inc. is submitting this Invoice for the Engineering Consultant Ice Break Structure study for KNCT-TV Heat exchanges																
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<b>Component Description:</b>	Ice break and building work																
<b>Amount:</b>	\$3,000.00																
<b>Component Description:</b>	Spivey's Welding Service, Inc. is submitting this Partial Invoice for the Ice Break and Building work for KNCT-TV ch 17 Repack to Moody Tower Site.																
<b>Amount:</b>	\$17,970.00																
Primary Transmitter - Heat Exchanger Stands	<table> <tr> <td data-bbox="711 1765 1018 1798"><b>Component Description:</b></td><td data-bbox="1153 1765 1334 1832">heat exchanger stand</td></tr> <tr> <td data-bbox="711 1843 820 1877"><b>Amount:</b></td><td data-bbox="1153 1843 1267 1877">\$3,600.00</td></tr> </table>	<b>Component Description:</b>	heat exchanger stand	<b>Amount:</b>	\$3,600.00												
<b>Component Description:</b>	heat exchanger stand																
<b>Amount:</b>	\$3,600.00																
Transformer 3 phase - 480v - 90 KVA																	

<b>Component Description:</b>	Installation of electric
<b>Amount:</b>	\$23,052.92

<b>Component Description:</b>	KNCT-110-1st Primary Transmitter - Transformer 3 phase - 480v - 90 KVA
<b>Amount:</b>	\$3,675.00

<b>Component Description:</b>	PV 400 277/480 3Y
<b>Amount:</b>	\$4,232.57

<b>Component Description:</b>	400AMP ATS, 3 pole, solid neutral, 480VAC, 3 Phase, NEMA 1 enclosure in-phase monitor
<b>Amount:</b>	\$28,175.60

<b>Component Description:</b>	SP 200 120/208- 3Y
<b>Amount:</b>	\$1,009.87

<b>Component Description:</b>	KNCT-110-1st Primary Transmitter - Transformer 3 phase - 480v - 90 KVA
<b>Amount:</b>	\$1,212.75

<b>Component Description:</b>	Installation of Electrical
<b>Amount:</b>	\$6,550.00

	<b>Component Description:</b>	"Phase I of KNCT-TV Ch. 17 transmitter repack at the Moody transmitter site Wire, service material Installation of gear"
	<b>Amount:</b>	\$19,485.00
	<b>Component Description:</b>	KNCT-110-1st Primary Transmitter - Transformer 3 phase - 480v - 90 KVA
	<b>Amount:</b>	\$11,025.00
	<b>Component Description:</b>	KNCT-TV Ch17 Repack
	<b>Amount:</b>	\$2,076.10
Transmitter Bldg Roof	<b>Component Description:</b>	Balance due per proposal
	<b>Amount:</b>	\$5,692.88
	<b>Component Description:</b>	Material draw per proposal
	<b>Amount:</b>	\$5,692.88

15 Ton system	<b>Component Description:</b> Gravel for building drainage <b>Amount:</b> \$300.00
	<b>Component Description:</b> (3) 15 TON CARRIER RTUS AND DUCT <b>Amount:</b> \$26,864.72
	<b>Component Description:</b> 3 - 15 Ton Carrier RTUS and Duct <b>Amount:</b> \$8,954.91
	<b>Component Description:</b> Fabrication & Installation of the custom build cooling grill <b>Amount:</b> \$5,950.00
	<b>Component Description:</b> NO SA - HVAC, Truck Charge <b>Amount:</b> \$161.30
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<b>Component Description:</b> Credit Memo <b>Amount:</b> (\$47,430.82)
	<b>Component Description:</b> Credit Memo <b>Amount:</b> (\$1,971.15)
	<b>Component Description:</b> Credit Memo <b>Amount:</b> (\$3,077.88)
	<b>Component Description:</b> Credit Memo <b>Amount:</b> (\$433.00)

<b>Component Description:</b>	12G/6G/3G/HD/SD /MADI Distribution Amplifier 1 In / 10 Ou
<b>Amount:</b>	\$2,102.98

<b>Component Description:</b>	DP 25% Down payment
<b>Amount:</b>	\$263,792.50

<b>Component Description:</b>	SNMP Manager for V5 ARC Plus Touch or ARC Plus SL
<b>Amount:</b>	\$539.00

<b>Component Description:</b>	300KW Kohler Diesel Generator Set, one year system warranty
<b>Amount:</b>	\$47,430.82

<b>Component Description:</b>	Middle Atlantic PD
<b>Amount:</b>	\$1,971.15

<b>Component Description:</b>	APC S/UPS X 2000VA RACK /TOWER LCD 100- 127V
<b>Amount:</b>	\$4,270.35

<b>Component Description:</b>	Remote Support Task/Ticket: New switch and routers for Moody Transmitter
<b>Amount:</b>	\$508.00

<b>Component Description:</b>	Credit Memo
<b>Amount:</b>	(\$433.12)
<b>Component Description:</b>	Bittree Black 2X32
<b>Amount:</b>	2RU Mini-Weco \$1,534.12
<b>Component Description:</b>	JL074A-HP 3810M-
<b>Amount:</b>	48G-POE 1Slot \$5,216.00
<b>Component Description:</b>	High performance
<b>Amount:</b>	3G reclocking DA w /rear module \$3,077.88
<b>Component Description:</b>	Tax on order
<b>Amount:</b>	\$86,681.52
<b>Component Description:</b>	Credit Memo
<b>Amount:</b>	(\$28,175.60)
<b>Component Description:</b>	DP 75%
<b>Amount:</b>	Downpayment \$791,377.50
<b>Component Description:</b>	Cobalt 9990
<b>Amount:</b>	Decoder \$3,549.35
<b>Component Description:</b>	Electrical Install for
<b>Amount:</b>	THU9-36Evo \$62,400.00



<b>Component Description:</b>	17" 3GHD & SD SDI Digital, Analog, HD HDMI /DVI (HDCP)
<b>Amount:</b>	\$3,549.19

<b>Component Description:</b>	Phase 1 of KNCT- TV Ch. 17 transmitter repack install at the Moody transmitter site.
<b>Amount:</b>	\$10,361.07

<b>Component Description:</b>	12" MINI RG59, HD-BNC/F
<b>Amount:</b>	\$433.12

<b>Component Description:</b>	Relocating a hose bib
<b>Amount:</b>	\$659.24

<b>Component Description:</b>	Credit Memo
<b>Amount:</b>	(\$568.50)

<b>Component Description:</b>	Credit Memo
<b>Amount:</b>	(\$2,102.98)

<b>Component Description:</b>	Phase 1 Moody Transmitter
<b>Amount:</b>	\$23,052.92

<b>Component Description:</b>	Smart-UPS ART 2200VA 120V - Rack/Tower
<b>Amount:</b>	\$4,367.90

<b>Component Description:</b>	DRK19-44- 36PROLRD - Middle Atlantic DRK Series Rack
<b>Amount:</b>	\$5,046.47

<b>Component Description:</b>	RG59/U Mini Precision 75 BrN
<b>Amount:</b>	\$216.47

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## 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
<b>Interim Antenna TFU-16WB-1-R C160</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 270 kW input, directional,, horizontally polarized	<i>\$0.00</i>	\$0.00	Interim antenna no longer required for transition - category cannot be removed due to LMS bug.	\$0.00	N/A
<b>Primary Antenna TFU-28DSC-R C170</b>	<b>\$268,087.00</b>	<b>\$266,027.00</b>		<b>\$235,392.15</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,750.00	Per DTVPros Quote JEHQ1537	\$21,750.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,970.00	Please see DTVPros Quote JEHQ1537	\$11,970.00	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	Please see DTVPros Quote JEHQ1537	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<b>\$225,907.00</b>	\$225,907.00	Budget justification: KNCT-210- Primary Antenna - UHF High Power Side Mount, E-POL Verified Budget Increase Justification v0; increase request uploaded with Inv#271-3 Rev 4.2.20	\$195,272.15	N/A
<b>Sub-total</b>	\$268,087.00	\$266,027.00	N/A	\$235,392.15	N/A
<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62	N/A	\$3,469,517.15	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 270 kW input, directional,, horizontally polarized	Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)

**Component Description:**

KNCT Primary  
Antenna- Custom  
Side Mount  
Brackets

**Amount:**

\$6,525.00

**Component Description:**

KNCT-210-  
Primary Antenna  
- Custom Side  
Mount Brackets

**Amount:**

\$4,350.00

**Component Description:**

KNCT-210-  
Primary Antenna  
- Custom Side  
Mount Brackets

**Amount:**

\$5,437.50

**Component Description:**

KNCT-210-  
Primary Antenna  
- Custom Side  
Mount Brackets

**Amount:**

\$5,437.50

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)		
	<b>Component Description:</b>	KNCT-210-Primary Antenna
		- Elbow Complex,
		6 1/8"
	<b>Amount:</b>	\$2,992.50
	<b>Component Description:</b>	KNCT-210-Primary Antenna
		- Elbow Complex,
		6 1/8"
	<b>Amount:</b>	\$2,394.00
	<b>Component Description:</b>	KNCT Primary Antenna Elbow
		Complex
	<b>Amount:</b>	\$3,591.00
	<b>Component Description:</b>	KNCT-210-Primary Antenna
		- Elbow Complex,
		6 1/8"
	<b>Amount:</b>	\$2,992.50

Sweep test of existing antenna

**Component Description:** KNCT-210-Primary Antenna - Sweep Test  
**Amount:** \$1,280.00

**Component Description:** KNCT-210-KNCT-210-Primary Antenna - Sweep Test  
**Amount:** \$1,600.00

**Component Description:** KNCT Primary Antenna Sweep Test  
**Amount:** \$1,920.00

**Component Description:** KNCT-210-KNCT-210-Primary Antenna - Sweep Test  
**Amount:** \$1,600.00

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized

**Component Description:**

KNCT-210-  
Primary Antenna  
- UHF High  
Power Side  
Mount, H-POL

**Amount:**

\$49,469.75

**Component Description:**

UHF - HIGH  
POWER SIDE  
MOUNT (200-  
1000 KW) TV  
ANT TFU 28  
DSC-R C170 CH  
17

**Amount:**

\$45,563.25

**Component Description:**

UHF - HIGH  
POWER SIDE  
MOUNT (200-  
1000 KW)

**Amount:**

\$45,563.25

**Component Description:**

UHF High Power  
Side Mount (200-  
1000KW) TV Ant

**Amount:**

\$54,675.90



## Cost Information

### Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmission Line</b>	<b>\$110,250.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
Flexible Air Transmission Line - dielectric, 5"	\$110,250.00	\$0.00	Interim transmission line no longer required for transition. Category cannot be removed due to LMS bug.	\$0.00	N/A
<b>Primary Transmission Line</b>	<b>\$311,282.00</b>	<b>\$270,439.84</b>		<b>\$270,439.72</b>	
Rigid Transmission Line - copper, 6 1/8"	\$311,282.00	\$270,439.84	see Estimated Cost Justification KNCT-310-Primary Transmission Line - Rigid Copper, 6 1_8 v0	\$270,439.72	N/A
<b>Sub-total</b>	<b>\$421,532.00</b>	<b>\$270,439.84</b>	<b>N/A</b>	<b>\$270,439.72</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$8,598,814.81</b>	<b>\$4,270,545.62</b>	<b>N/A</b>	<b>\$3,469,517.15</b>	<b>N/A</b>

### Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 5"	Information not provided.	
Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b> <b>Amount:</b>	UHF - High Power side mount \$83,952.02
	<b>Component Description:</b> <b>Amount:</b>	KNCT-310-Primary Transmission Line - Rigid Copper, 6 1/8" \$58,160.52
	<b>Component Description:</b> <b>Amount:</b>	KNCT-310-Primary Transmission Line - Rigid Copper, 6 1/8" \$58,160.52
	<b>Component Description:</b> <b>Amount:</b>	Hanger Kit for EW 63 - package of 10 \$374.00
	<b>Component Description:</b> <b>Amount:</b>	KNCT Primary Transmission Line \$69,792.66

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$1,312,905.00	\$1,265,356.78		\$1,037,596.78	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$26,000.00	N/A	\$0.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$910,735.97	Estimated Cost Justification KNCT-480- Serious Tower Reinforcement /Modification v0	\$708,975.97	N/A
Foundation mapping and Geotechnical Services	<i>\$24,105.00</i>	\$24,105.00	N/A	\$24,105.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$304,515.81	Estimated Cost Justification KNCT-480- New Tower - Tall Tower v0	\$304,515.81	Cost Estimate increased per actual invoices
Primary Tower TOWER	\$3,110,840.00	\$241,965.00		\$41,965.00	

New tower between 1000' and 1500' without elevator, presumptive soil conditions	\$2,882,480.00	\$24,105.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Quote Attached	\$24,105.00	N/A
Structural Study	\$17,860.00	\$17,860.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Tower Consultants, Inc. Proposal #TCI-18-191	\$17,860.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	removal of Gray equipment from pre- repack tower location	\$0.00	N/A
<b>Primary Tower TOWER</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
<b>Primary Tower</b>	<b>\$1,052,000.00</b>	<b>\$201,760.00</b>		<b>\$201,760.00</b>	
Serious tower reinforcement /modifications	\$1,052,000.00	\$201,760.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***TCI proposals TCI-19-053, TCI-19-060 and Marsand invoice 6734	\$201,760.00	N/A

<b>Sub-total</b>	\$5,475,745.00	\$1,709,081.78	N/A	\$1,281,321.78	N/A
<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62	N/A	\$3,469,517.15	N/A

## Components

<b>Actual Information</b>	
<b>Description</b>	<b>File Name</b>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.

Serious tower reinforcement /modifications	<b>Component Description:</b>  <b>Amount:</b>	Completion: Section 1 and 2 - Tower Modifications \$117,762.57
	<b>Component Description:</b>  <b>Amount:</b>	Existing Tower, Serious Tower Reinforcement /Modifications \$291,310.00
	<b>Component Description:</b>  <b>Amount:</b>	Change order #1- Builders Risk Policy required by Gray Media \$4,375.00
	<b>Component Description:</b>  <b>Amount:</b>	Weather days invoice \$34,425.00
	<b>Component Description:</b>  <b>Amount:</b>	Tower work per TCI quote 1764 \$32,502.40
	<b>Component Description:</b>  <b>Amount:</b>	Existing Tower, Serious Tower Reinforcement /Modifications \$174,786.00
	<b>Component Description:</b>  <b>Amount:</b>	Tower Mods \$53,815.00

Foundation mapping and Geotechnical Services	<div> <b>Component Description:</b> Existing Tower, Foundation mapping and Geotechnical Services         </div> <div> <b>Amount:</b> \$24,105.00         </div>
Tall Tower (greater than 500')	<div> <b>Component Description:</b> Existing Tower, Tall Tower, greater than 500'         </div> <div> <b>Amount:</b> \$75,720.00         </div>
	<div> <b>Component Description:</b> Tower Drop Plates         </div> <div> <b>Amount:</b> \$5,400.00         </div>
	<div> <b>Component Description:</b> Total Cost of P.O.# 002121         </div> <div> <b>Amount:</b> \$750.00         </div>
	<div> <b>Component Description:</b> KNCT-480-New Tower - Tall Tower         </div> <div> <b>Amount:</b> \$51,010.81         </div>
	<div> <b>Component Description:</b> Total Cost of P.O. #002121         </div> <div> <b>Amount:</b> \$210.00         </div>
	<div> <b>Component Description:</b> Rigging, Existing Tower, Tall Tower         </div> <div> <b>Amount:</b> \$126,200.00         </div>
	<div> <b>Component Description:</b> KNCT-480-New Tower - Tall Tower         </div> <div> <b>Amount:</b> \$45,225.00         </div>

New tower between 1000' and 1500' without elevator, presumptive soil conditions	<div> <div> <b>Component Description:</b> </div> <div> 50% Down Payment - Services rendered by Tower Consultants, Inc. in connection with Foundation Mapping and Geotechnical Investigation Services </div> </div> <div> <b>Amount:</b> </div> <div> \$24,105.00 </div>
Structural Study	<div> <div> <b>Component Description:</b> </div> <div> Services rendered by Tower Consultants, Inc. </div> </div> <div> <b>Amount:</b> </div> <div> \$4,930.00 </div> <div> <div> <b>Component Description:</b> </div> <div> Side Mount Antenna analysis </div> </div> <div> <b>Amount:</b> </div> <div> \$4,930.00 </div> <div> <div> <b>Component Description:</b> </div> <div> Structural Analysis for KNCT Tower </div> </div> <div> <b>Amount:</b> </div> <div> \$8,000.00 </div>
Tall Tower (greater than 500')	Information not provided.



Serious tower reinforcement  
/modifications

**Component Description:**

This invoice has  
been moved, the  
category has been  
superseded.

**Amount:**

N/A

**Component Description:**

Serious Tower  
Mods

**Amount:**

\$75,660.00

**Component Description:**

Serious Tower  
Mods

**Amount:**

\$126,100.00

**Component Description:**

This category has  
been superseded,  
please delete this  
invoice

**Amount:**

N/A

**Component Description:**

This category has  
been superseded,  
please delete this  
invoice

**Amount:**

N/A

**Component Description:**

This category has  
been superseded,  
please delete this  
invoice

**Amount:**

N/A

Cost  
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$199,182.67	\$268,517.67		\$170,951.67	
Attorney Fees - Other Matters	<i>\$1,802.67</i>	\$1,802.67	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$1,802.67	see submitted invoices
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	\$0.00	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$296.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$600.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$14,640.00	Estimated Cost Justification KNCT-530-RF Eng - Engineering Study for New Channel Assignment V0	\$14,640.00	See KNC Chesapea 4864
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$850.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,575.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,299.00	N/A
Project management of the transition	\$141,410.00	\$206,325.00	Project management will be extensive due to complexity of new tower project, tenants and coordinating with nearby tower tenants. See Quote 1765 and Widely Strategic Support Quote.	\$149,826.75	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$62.25	N/A
<b>Sub-total</b>	\$199,182.67	\$268,517.67	N/A	\$170,951.67	N/A
<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62	N/A	\$3,469,517.15	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Attorney Fees - Other Matters	<div> <b>Component Description:</b> KNCT-550-Attorney - Other Matters -  <b>Amount:</b> \$222.00  <b>Amount:</b> \$222.00 </div>
	<div> <b>Component Description:</b> Total Professional Services  <b>Amount:</b> \$814.00 </div>
	<div> <b>Component Description:</b> Legal services  <b>Amount:</b> \$333.00 </div>
	<div> <b>Component Description:</b> For Professional Services Rendered  <b>Amount:</b> \$433.67 </div>
RF Exposure Measurements	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	<div> <b>Component Description:</b> FCC Antenna Structure Registration modification Prepare FCC Form 854  <b>Amount:</b> \$1,200.00 </div>
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <b>Component Description:</b> Total Professional Services  <b>Amount:</b> \$296.00 </div>

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	<div> <div> <b>Component Description:</b> </div> <div> Prepare Request for Special Temporary Authorization  Prepare Engineering Statement to support interim facilities  <b>Amount:</b> \$600.00 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> Prepare Request for Special Temporary Authorization  Prepare Engineering Statement to support interim facilities  <b>Amount:</b> \$600.00 </div> </div>
Perform engineering study for new channel assignment and antenna development	<div> <div> <b>Component Description:</b> </div> <div> KNCT-530-RF Eng - Engineering Study for New Channel Assignment  <b>Amount:</b> \$1,750.00 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> Re: establishment of a microwave link from Killeen office to KNCT tower, develop path profile, provide plot and remarks.  <b>Amount:</b> \$300.00 </div> </div>

<b>Component Description:</b>	Various discussions with FCC and KNCT staff regarding land mobile Interference
<b>Amount:</b>	\$1,400.00

<b>Component Description:</b>	Consulting engineer: recent commencement on repack Ch-17
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Consulting Engineer
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	"Regarding prospective relocation of KNCT's repack Ch-17 to Moody tower, review tower structural analysis report"
<b>Amount:</b>	\$8,565.00

<b>Component Description:</b>	Perform Engineering study for new channel and antenna development from Ch 46 to Ch 17
<b>Amount:</b>	\$2,250.00

<b>Component Description:</b>	Prepare engineer section of FCC Form 2100 License to cover application.
<b>Amount:</b>	\$1,200.00

	<p><b>Component Description:</b></p> <p>Perform engineering study for new channel assignment and antenna development from Ch 46 to Ch17</p> <p><b>Amount:</b></p> <p>\$2,250.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<p><b>Component Description:</b></p> <p>Consulting Engineer</p> <p><b>Amount:</b></p> <p>\$600.00</p> <p><b>Component Description:</b></p> <p>KNCT-530-RF Eng - License to Cover Application (Main)</p> <p><b>Amount:</b></p> <p>\$250.00</p> <p><b>Component Description:</b></p> <p>Prepare engineering section of FCC form 2100 Construction Permit (CP) Application</p> <p><b>Amount:</b></p> <p>\$1,125.00</p> <p><b>Component Description:</b></p> <p>Prepare engineering section of FCC form 2100 Construction Permit (CP) Application</p> <p><b>Amount:</b></p> <p>\$1,125.00</p>



Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>		Provide derivations of required Transmitter Power Output regarding "90 day" replication CP facility
	<b>Amount:</b>		\$450.00
	<b>Component Description:</b>		Prepare engineering section of FCC Form 2100 License to Cover Application
	<b>Amount:</b>		\$1,200.00
	<b>Component Description:</b>		Prepare Engineering section
	<b>Amount:</b>		\$1,125.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.		
Prepare and or review reimbursement form	<b>Component Description:</b>		Prepare and/or review reimbursement for Schedule 399. Generate scope of work needed to result in approved plans.
	<b>Amount:</b>		\$1,299.00
	<b>Component Description:</b>		Prepare and review reimbursement for Schedule 399. Generate scope of work needed to result in approved plans
	<b>Amount:</b>		\$1,250.00

Project management of the transition

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,012.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$699.95

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$4,676.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$77.50

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$731.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$310.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,201.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,344.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$14,054.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$813.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,348.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,444.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$348.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$350.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,662.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,283.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,445.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,002.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,840.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,920.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,165.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,975.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,135.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,298.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,835.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$738.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$310.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$229.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,200.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$77.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,418.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$12,127.55

<b>Component Description:</b>	Site survey document existing layout identify needs for changes in HVAC,electrical and building modifications in preparation for repack transmitter
<b>Amount:</b>	\$3,250.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$663.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,497.45

<b>Component Description:</b>	Perform engineering study for new channel assignment and antenna development from Ch 46 to Ch 17
<b>Amount:</b>	\$2,250.00

<b>Component Description:</b>	Project Management provide coordination plan address transition timing and coordination issues with other stations and wireless
<b>Amount:</b>	\$1,250.00

<b>Component Description:</b>	Site survey document existing layout identify needs for changes in hvac electrical and building modifications in preparation for rep
<b>Amount:</b>	\$3,250.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,585.45

<b>Component Description:</b>	Prepare engineering section of FCC Form 2100 Construction Permit Application
<b>Amount:</b>	\$1,125.00

	<div data-bbox="703 159 1010 192" data-label="Text"><b>Component Description:</b></div> <div data-bbox="1145 159 1362 427" data-label="Text">           Pedrform engineer study for new channel assignment and antenna development from Ch 46 to Ch 17         </div> <div data-bbox="703 439 813 472" data-label="Text"><b>Amount:</b></div> <div data-bbox="1145 439 1262 472" data-label="Text">\$2,250.00</div> <div data-bbox="703 577 1010 611" data-label="Text"><b>Component Description:</b></div> <div data-bbox="1145 577 1347 689" data-label="Text">           Project Management Per Invoice         </div> <div data-bbox="703 696 813 730" data-label="Text"><b>Amount:</b></div> <div data-bbox="1145 696 1276 730" data-label="Text">\$10,275.00</div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<div data-bbox="703 869 1010 902" data-label="Text"><b>Component Description:</b></div> <div data-bbox="1145 869 1374 981" data-label="Text">           KNCT-550-Attorney - License to Cover Application (Main)         </div> <div data-bbox="703 987 813 1021" data-label="Text"><b>Amount:</b></div> <div data-bbox="1145 987 1227 1021" data-label="Text">\$62.25</div>

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$213,431.16</b>	<b>\$192,376.16</b>		<b>\$107,299.31</b>	
Microwave Equipment	<i>\$91,876.45</i>	\$91,876.45	Microwave expenses to replicate the pre-repack coverage caused by the station's forced move. Please see KNCT Heartland Video System Quote WISQ53716-03.	\$88,034.18	N/A
Preliminary Site Survey	<i>\$11,000.00</i>	\$11,000.00	Please see attached Marsand Site Survey Justification Document	\$5,499.00	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	\$2,000.00	N/A
Equipment Storage	<i>\$3,740.71</i>	\$3,740.71	Per Estimated Cost Justification KNCT-610-Equipment Storage v6	\$3,740.71	Invoices



Equipment Delivery and Handling Charges	<b>\$38,684.00</b>	\$38,684.00	See attached Quote 1767	\$1,715.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	Disposal of pre-auction transmitter equipment	\$1,935.42	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$740.00	see Estimated Cost Justification KNCT-610-FCC Filing - STA v1	\$740.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	Please see attached justification for the FCC License to Cover Application Fees	\$335.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,300.00	N/A
AM Pattern Disturbance -- Remedy	\$21,050.00	\$0.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$213,431.16	\$192,376.16	N/A	\$107,299.31	N/A
<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62	N/A	\$3,469,517.15	N/A

## Components

Actual Information		
Description	File Name	
Microwave Equipment	Component Description:	phoeniX G2 IDU
	Amount:	\$88,034.18
Preliminary Site Survey	Component Description:	Site Survey
	Amount:	\$5,499.00
MVPD Notification of Channel Change	Component Description:	Prepare KNCT MVPD Notifications for repack
	Amount:	\$2,000.00
Equipment Storage	Component Description:	Taxes due on invoice #1722
	Amount:	\$27.23
	Component Description:	40' HC Container monthly rental
	Amount:	\$330.00
	Component Description:	40' HC Container monthly rent
	Amount:	\$357.23
	Component Description:	40' HC Container monthly rental
	Amount:	\$535.84
	Component Description:	40' HC N Container
	Amount:	\$503.36

	<b>Component Description:</b>	40' HC Container monthly rental
	<b>Amount:</b>	\$357.23
	<b>Component Description:</b>	40' HC Container monthly rental
	<b>Amount:</b>	\$358.05
	<b>Component Description:</b>	40' HC Container monthly rental
	<b>Amount:</b>	\$870.00
	<b>Component Description:</b>	40' HC Container monthly rental
	<b>Amount:</b>	\$330.00
	<b>Component Description:</b>	Taxes Due on Inv. #1716
	<b>Amount:</b>	\$71.77
Equipment Delivery and Handling Charges	<b>Component Description:</b>	10,000 lb. Telehandler Forklift Regular Hours - RK
	<b>Amount:</b>	\$1,715.00

Disposal Costs (for equipment and other waste, net of any salvage value)	<table> <tr> <td data-bbox="713 100 1023 291"><b>Component Description:</b></td><td data-bbox="1023 100 1428 291">Container @ Tower Rd Moody TX</td></tr> <tr> <td data-bbox="713 291 1023 369"><b>Amount:</b></td><td data-bbox="1023 291 1428 369">\$1,029.28</td></tr> <tr> <td data-bbox="713 369 1023 560"><b>Component Description:</b></td><td data-bbox="1023 369 1428 560">Pickup roll off &amp; empty - 8/12</td></tr> <tr> <td data-bbox="713 560 1023 638"><b>Amount:</b></td><td data-bbox="1023 560 1428 638">\$324.10</td></tr> <tr> <td data-bbox="713 638 1023 828"><b>Component Description:</b></td><td data-bbox="1023 638 1428 828">ROLL OFF DELIVERY CHARGE - 5/23</td></tr> <tr> <td data-bbox="713 828 1023 907"><b>Amount:</b></td><td data-bbox="1023 828 1428 907">\$582.04</td></tr> </table>	<b>Component Description:</b>	Container @ Tower Rd Moody TX	<b>Amount:</b>	\$1,029.28	<b>Component Description:</b>	Pickup roll off & empty - 8/12	<b>Amount:</b>	\$324.10	<b>Component Description:</b>	ROLL OFF DELIVERY CHARGE - 5/23	<b>Amount:</b>	\$582.04
<b>Component Description:</b>	Container @ Tower Rd Moody TX												
<b>Amount:</b>	\$1,029.28												
<b>Component Description:</b>	Pickup roll off & empty - 8/12												
<b>Amount:</b>	\$324.10												
<b>Component Description:</b>	ROLL OFF DELIVERY CHARGE - 5/23												
<b>Amount:</b>	\$582.04												
FCC Filing Fees - Special Temporary Authorization request	<table> <tr> <td data-bbox="713 862 1023 1052"><b>Component Description:</b></td><td data-bbox="1023 862 1428 1052">Joan Stewart - Filing Fees</td></tr> <tr> <td data-bbox="713 1052 1023 1131"><b>Amount:</b></td><td data-bbox="1023 1052 1428 1131">\$200.00</td></tr> <tr> <td data-bbox="713 1131 1023 1321"><b>Component Description:</b></td><td data-bbox="1023 1131 1428 1321">KNCT-610-FCC Filing - STA</td></tr> <tr> <td data-bbox="713 1321 1023 1400"><b>Amount:</b></td><td data-bbox="1023 1321 1428 1400">\$200.00</td></tr> <tr> <td data-bbox="713 1400 1023 1590"><b>Component Description:</b></td><td data-bbox="1023 1400 1428 1590">KNCT-610-FCC Filing - STA</td></tr> <tr> <td data-bbox="713 1590 1023 1668"><b>Amount:</b></td><td data-bbox="1023 1590 1428 1668">\$340.00</td></tr> </table>	<b>Component Description:</b>	Joan Stewart - Filing Fees	<b>Amount:</b>	\$200.00	<b>Component Description:</b>	KNCT-610-FCC Filing - STA	<b>Amount:</b>	\$200.00	<b>Component Description:</b>	KNCT-610-FCC Filing - STA	<b>Amount:</b>	\$340.00
<b>Component Description:</b>	Joan Stewart - Filing Fees												
<b>Amount:</b>	\$200.00												
<b>Component Description:</b>	KNCT-610-FCC Filing - STA												
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<b>Component Description:</b>	KNCT-610-FCC Filing - STA												
<b>Amount:</b>	\$340.00												
FCC Filing Fees - Form 2100 license to cover application	<table> <tr> <td data-bbox="713 1556 1023 1724"><b>Component Description:</b></td><td data-bbox="1023 1556 1428 1724">Total Professional Services</td></tr> <tr> <td data-bbox="713 1724 1023 1803"><b>Amount:</b></td><td data-bbox="1023 1724 1428 1803">\$335.00</td></tr> </table>	<b>Component Description:</b>	Total Professional Services	<b>Amount:</b>	\$335.00								
<b>Component Description:</b>	Total Professional Services												
<b>Amount:</b>	\$335.00												
DTV Medical Facility Notification	<table> <tr> <td data-bbox="713 1803 1023 1971"><b>Component Description:</b></td><td data-bbox="1023 1803 1428 1971">Medical Notification</td></tr> <tr> <td data-bbox="713 1971 1023 2054"><b>Amount:</b></td><td data-bbox="1023 1971 1428 2054">\$3,300.00</td></tr> </table>	<b>Component Description:</b>	Medical Notification	<b>Amount:</b>	\$3,300.00								
<b>Component Description:</b>	Medical Notification												
<b>Amount:</b>	\$3,300.00												

AM Pattern Disturbance -- Remedy	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$8,598,814.81	\$4,270,545.62
			\$3,469,517.15

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.



<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Robert Folliard , III</b>  .  <i>Assistant Secretary</i></p> <p>01/12/2022</p>

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Robert Folliard , III</b> . <i>Assistant Secretary</i></p> <p>01/12/2022</p>

## Attachments