

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 50044 Service: DTV Call KPBT-TV Channel: 28 (UHF)

ID: Sign:

0000028613

Number:

File

FRN: **0021001540** Date **12/28**

Submitted: /2018

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
PERMIAN BASIN PUBLIC TELECOMMUNICATIONS, INC. Doing Business As: KPBT-TV	Robert Brescia P.O. BOX 8940 MIDLAND, TX 79708 United States	+1 (432) 563- 5728	gm@basinpbs. org	Not-for- Profit

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
David Sanderford Marsand, Inc.	David Sanderford 1957 Reynolds Dr Azle, TX 76020 United States	+1 (817) 783-5566	david@marsand.com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	See attached Transition Plan Narrative.

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	
Manufacturer and Type	Model	DHD60P2
	Year	2001
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	14 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- 12Evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19 kW
	Justification for New Transmitter	Solid State Power Capacity is "pre-mask filter". See attached Transition Plan Narrative.

Primary Transmitter

Other Transmitter Costs

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

	Length	180.0 feet
	Other Electrical Service	Yes
	Description	Build out electrical to accommodate the addition of the existing UPS and generator and then move the UPS and generator after the transition to comply with WARN act.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	800.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Transmitter Installation	Installation, commissioning and proof of performance documentation.

Remove Existing Equipment	Remove pre-auction channel transmitter
	and interior RF system.

Antennas

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

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?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	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)	220.0 kW

Manufacturer	
Model	ATL20H3- HSO-38
Year	2001

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	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)	500.0 kW
	Manufacturer	

Model	SAA28- ATW_P3- J300-ES6R- 28
Year	2018
Justification for New Antenna	See attached Transition Plan Narrative.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Information not provided.

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

on Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	Flexible Air
	Diameter	4 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	315 feet per run

Primary Transmi

New Transmission Line

issio	Section	Question	Response
	New Transmission Line Costs	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Flexible Air
		Diameter	4 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	900 feet per run
		Justification for New Transmission Line	See attached Transition Plan Narrative.

Primary Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	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
Registration	ASR Number	1215312
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	31° 53' 50.3" N-
1983))	Longitude (NAD83)	102° 20' 15.5" W-
	Overall Structure Height	367.78 feet
	Support Structure Height	350.06 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2917.62 feet

Structure Type	MAST - Mast
Tower Owner	Gray Television Group, Inc.
Date Constructed	12/23/2000

Other Types of Users

Users
K238AZ FM Trans
KOSA-TV STL

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:	No reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Primary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1053361
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 05' 11.0" N-
	Longitude (NAD83)	102° 17' 12.0" W-
	Overall Structure Height	1131.88 feet
	Support Structure Height	1030.17 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2909.09 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	Subcarrier Communications Inc

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Call Sign	Service
KMRK-FM	FM
KMCM	FM
KCRS-FM	FM
	KMRK-FM

Primary Tower

Tower Modification Costs

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

Information not provided.

Outside Professional

Section	Question	Response	
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes	
	Number of Hours	350	
	Explanation	Please see attached Transition Plan Narrative.	
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	No	
	Quantity	N/A	
	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	No
	Quantity	N/A
	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

I Services Costs	Description
Site Survey	Required for specifying the final equipment needs and installation planning.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
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?	No
	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
Studio to Transmitter Link	Fiber or microwave radio connection from the studio to the transmitter site.

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 C
Primary Transmitter THU9-12Evo	\$1,169,374.95	\$907,445.06		\$754,070.68	
Other Building Addition Size: 800.0	\$208,689.95	\$208,689.95	The cost for installing bollards at the transmitter building was not included in the initial budget as we were unable to attain all the budgetary costs prior to filling. The bollards will protect the newly installed equipment.	\$208,689.95	The cos installi bollards the transmi buildir was n included the init budget we we unable attain the budget costs p to fillin The bollards protect newly installing equipments.
Remove Existing Equipment	\$15,000.00	\$15,000.00	Dismantle and remove the transmitter and interior RF components.	\$3,950.00	N/A
Transmitter Installation	\$30,000.00	\$30,000.00	Please see attached transmitter installation quotation.	\$21,000.00	N/A

10 Ton system	\$38,900.00	\$14,645.80	See attached HVAC quote (6 ton system).	\$15,800.00	Initial estimal are over year of and constructions in area had increase
Other Electrical Service: Build out electrical to accommodate the addition of the existing UPS and generator and then move the UPS and generator after the transition to comply with WARN act.	\$94,025.00	\$94,025.00	Please see attached quotations for generator and UPS decommissioning, move and commissioning.	\$65,701.47	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$9,360.00	\$8,820.00	N/A	\$8,820.00	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$451,264.31	See attached transmitter quotation.	\$393,809.26	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$36,300.00	N/A

Sub-total	\$1,169,374.95	\$907,445.06	N/A	\$754,070.68	N/A
Total for all systems	\$2,132,204.53	\$1,769,433.74	N/A	\$1,395,658.90	N/A

Components

Components		
Actual Information Description	File Name	
Other Building Addition Size: 800.0	Component Description:	Subcarrier Communications- Tower and Building Lease Agreement- September Site Rent
	Amount:	\$6,800.00
	Component Description: Amount:	Subcarrier Communications- Tower and Building Lease Agreement- June Site Rent \$6,800.00
	Component Description: Amount:	Delton Construction_Bollards_Variance Cover Letter, Invoice, Signed PO, Estimate and Drawing
	Amount:	\$38,614.95
	Component Description:	Subcarrier Communications- Tower and Building Lease Agreement- August Site Rent
	Amount:	\$6,800.00
	Component Description: Amount:	Subcarrier Communications- Tower and Building Lease Agreement- October Site Rent \$6,800.00
	Amount: Component Description:	Tower and Building Lease Agreement- August Site Rent \$6,800.00 Subcarrier Communications- Tower and Building Lease Agreement- October Site Rent

Component Description: Old Doppler Tower Removal at

Subcarrier Tower ASR#

1053361

Amount: \$4,600.00

Component Description: Delton Construction_Variance

Explanation Cover

Letter_Invoice #202310 Quote, DP Invoice, Doppler Invoice and Doppler Quote-Generator, auxiliary fuel tank, and heat exchanger cinder block enclosure remaining balance

Amount: \$55,187.50

Component Description: Subcarrier Communications-

Tower and Building Lease
Agreement- July Site Rent

Amount: \$6,800.00

Component Description: Subcarrier Communications-

Tower and Building Lease

Agreement- November Site Rent

Amount: \$6,800.00

Component Description: 50% Down Payment for

Construction of Generator Enclosure at Subcarrier Tower

ASR# 1053361

Amount: \$55,187.50

Component Description: Subcarrier Communications-

Tower and Building Lease
Agreement- Security Deposit

Amount: \$14,300.00

Remove Existing	Component Description:	Midland Tower
Equipment	Component Bescription.	Construction Antenna and
		Transmission Line
		Removal_Invoice, Signed PO
		and Quote
	Amount:	\$3,950.00
Transmitter		
Installation	Component Description:	Marsand_Transmitter
		Install_Invoice, Signed PO and
		Estimate
	Amount:	\$21,000.00
10 Ton system		
	Component Description:	Two three ton mini split air units
		for cooling transmitter
		equipment at new transmitter
		site (Subcarrier Building)
	Amount:	\$15,800.00

Other Electrical **Component Description:** 50% Down Payment for Full Service: Build Electrical System Installation at out electrical Subcarrier Tower ASR# 1053361 accommodate Amount: \$47,685.49 the addition of the existing UPS and **Component Description:** Construction of electrical generator and installation at new transmitter then move the UPS and building \$2,565.48 Amount: generator after the transition to comply with WARN act. **Component Description:** Delton Construction_Surge Surpressor_Invoice, Signed PO and Estimate Amount: \$9,958.50 **Component Description:** Shutdown and preparation of UPS for relocation to new transmitter site Amount: \$5,492.00 3" Rigid Conduit and **Component Description:** Rigid conduit and Wiring (Cost wire_Purchase and installation per foot) of materials for the electrical system in the new transmitter building Amount: \$8,820.00 Transformer 3 Information not provided. phase/480v -300 KVA

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW

Component Description: Broadax Systems

Inc_Transmitter Remote/ User Interface Computer and Network Switch Justification Cover Letter, Invoice, Signed

PO and Quote

Amount: \$1,381.00

Component Description: 75 percent Down payment_

Rohde & Schwarz THU9-12

Evo Transmitter

Amount: \$293,957.25

Component Description: West Texas It

Consulting_Transmitter
Remote/ User Interface

Computer and Network Switch Justification Cover Letter, Invoice, Signed PO and Quote

Amount: \$485.26

Component Description: 25% Downpayment Rohde &

Schwarz Model THU9-12 Evo

Quote: 802-0335601.4

Amount: \$97,985.75

Service entrance 3 phase/800 amp /208 volt Information not provided.

Switchgear - industrial 800 amp

Component Description: Switch gear_Purchase and

installation of materials for the electrical system in the new

transmitter building

Amount: \$36,300.00

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	Cost Justification	Actual Cost	Actual Cos Justification
Primary Antenna SAA28- ATW_P3- J300-ES6R- 28	\$178,643.91	\$173,353.91		\$170,453.91	
UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, elliptically or circularly polarized	\$143,503.91	\$143,503.91	We were unable to attain accurate tower banding information from the tower owner. The ray dome ended up mounted within the full orange band on the tower. The antenna was delivered with the upper most radome in white. The panels will be replaced to match.	\$143,503.91	We were unable to attain accurate tower banding information from the tower owner. The ray dome ended up mounted within the full orange band on the tower. The antenna was delivered with the upper mos radome in white. The panels will be replaced to match.
Sweep test of existing	\$6,730.00	\$6,400.00	N/A	\$3,500.00	N/A

	\$178,643.91	\$173,353.91	N/A	\$170,453.91	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	\$5,000.00	N/A
brackets for high power antennas (if not included in antenna base cost)			attached antenna quotation.		

Components

Actual Information	
Description	File Name

UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, elliptically or circularly polarized

Component Description: RFS_Radome

Panels_Variance Cover Letter, Invoice, Signed PO and Quote

Amount: \$1,003.91

Component Description: RFS SA 28-ATW_P3-

J300 ES6R-28
Antenna, Includes
Upgrade Cover
Letter, Antenna
Invoice for remaining
balance, Upgrade
Quote with station
cost, Signed Antenna
Quote and Antenna

invoices for antenna upgrade are attached

separately.

Quote. Station

Amount: \$142,500.00

Component Description: RFS_Antenna 45%

Deposit due eight weeks after order_ SA 28-ATW_P3-J300 ES6R-28, includes quote, PO, Antenna comparison cost, FCC invoice and station invoice

Amount: N/A

Component Description: RFS_Antenna 45%

Deposit due two
weeks after order_
SA 28-ATW_P3-J300
ES6R-28,includes
quote, PO, Antenna
comparison cost,
FCC invoice and
station invoice

Amount: N/A

Sweep test of existing antenna	Component Description:	Marsand_Antenna and Line Sweep_Invoice, Signed Po and Estimate
	Amount:	\$3,500.00
Side mount brackets for high power antennas (if	Component Description	DEC Astrono
not included in antenna base cost)	Component Description:	RFS_Antenna mount 45% Deposit due two weeks after order_ Custom designed antenna mount
	Amount:	\$8,302.50
	Component Description:	RFS Antenna Custom Designed Mount_ Remaining Balance
	Amount:	\$1,845.00
	Component Description:	RFS_Antenna mount
		45% Deposit due eight weeks after order_ Custom designed antenna mount
	Amount:	\$8,302.50

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)

Component Description: RFS_Analytical

scatter analysis 45% Deposit due two

weeks after order

Amount: \$2,250.00

Component Description: RFS_Analytical

Tower Study 45% Deposit due eight weeks after order

Amount: \$2,250.00

Component Description: Radio Frequency

Systems_Remaining

balance due for

scatter study analysis

Amount: \$500.00

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual (
Primary Transmission Line	\$66,600.00	\$31,790.75		\$31,790.75	
Flexible Air Transmission Line - dielectric, 4"	\$66,600.00	\$31,790.75	We budgeted low in this instance, due to the tardy response from the vendors. See attached antenna quotation: RFS_Transmission Line Variance Letter, Invoice #27011077_2-21- 18_\$3179.07, Signed PO and Quote	\$31,790.75	When original submit our Fo 399 But Estimal we we under impress that vertical had to inpure number regardly of the accuration we budge low in the instantial due to tardy resport from to vendo
Sub-total	\$66,600.00	\$31,790.75	N/A	\$31,790.75	N/A
Total for all systems	\$2,132,204.53	\$1,769,433.74	N/A	\$1,395,658.90	N/A

Components

Actual Information			
Description	File Name		

Flexible Air Transmission Line - dielectric, 4"

Component Description: RFS- 10% Invoice-

Remaining balance

for 4" Heliflex transmission line and parts_Variance Cover Letter, PO

and Quote

Amount: \$3,179.07

Component Description: RFS_Transmission

Line 45% Deposit due eight weeks after order_ HCA400-50J Heliflex 4 inch dielectric cable

Amount: \$14,305.84

Component Description: RFS_Transmission

LIne 45% Deposit due two weeks after order_ HCA400-50J

Heliflex 4 inch dielectric cable

Amount: \$14,305.84

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 Co
Primary Tower GTOWER	\$381,100.00	\$369,293.35		\$341,679.64	
Tall Tower (greater than 500')	\$210,500.00	\$207,293.35	Tower crew expense for replacing of upper white radome covers with orange radome covers.	\$207,293.35	The variance of \$9000.00 over the previously estimated budget amount to Tower Equipment and RigginTall Tower Greater Than 500 foot Category resulted when we were unable to attain accurate tower banding information from the tower owner.
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,000.00	N/A

Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$130,386.29	N/A
Primary Tower MAST	\$110,500.00	\$56,555.00		\$13,800.00	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$16,555.00	See attached series of invoices labeled Initial Tower Studies	\$13,800.00	N/A
Short Tower (less than 500')	\$84,200.00	\$40,000.00	This tower is not able to be brought into conformance with the TIA-222-G specification. Existing antenna and transmission line removal only post-transition.	N/A	N/A
Sub-total	\$491,600.00	\$425,848.35	N/A	\$355,479.64	N/A
Total for all systems	\$2,132,204.53	\$1,769,433.74	N/A	\$1,395,658.90	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')

Component Description: Rig and De-rig

tower as required, remove existing white radome sections and install

new orange radome sections on top of antenna to match tower

banding

Amount: \$9,000.00

Component Description: 30% down

payment for all tower modifications

and services -ASR# 1053361. Less the amounts for the Application Fee (\$3,000.00), Design Drawing

Package

(\$10,700.75) and Tower Study 1 (\$1500.00) and 2 (\$2500.00).

\$47,097.48

Component Description: Engineering and

Amount:

fabrication service for new KPBT tower site which includes originally

proposed materials,

modifications and

services

Amount: \$151,195.87

Structural engineering tower load study for well **Component Description:** Tower loading documented tower study for initial antenna (PEP8A) and subsequent loading study for final antenna. (SAA28-ATW_P3-J300-ES6R-28) \$4,000.00 Amount: Minor tower reinforcement /modifications **Component Description:** Change Order_ Price for Modifications and Services-price increased, because fabrication company was unable to perform work at previously quoted rate. Another crew had to be hired that could work within the time constraints and schedule. Amount: \$119,685.54 **Component Description: Tower Modification Design Drawing** Package \$10,700.75 Amount:

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

Component Description: Three man crew

arrived at site
ASR# 1233693 to
perform structural
analysis, tower
mapping and
inspection. Tower
owner rep would
not reduce power
to a safe limit to
perform duties.

Amount: \$2,755.00

Component Description: KPBT - Structural

Analysis

Amount: \$1,500.00

Component Description: KPBT -

Remobilization Fee

Amount: \$1,600.00

Component Description: KPBT - Tower

Mapping

Amount: \$3,500.00

Component Description: KPBT -

Geotechnical Investigation

Amount: \$3,300.00

Component Description: KOSA -

Remobilization Fee

Amount: \$2,755.00

Component Description: KPBT - Foundation

Mapping

Amount: \$3,900.00

Short Tower (less than 500')

Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	\$97,490.00	\$103,050.00		\$44,138.25	
Site Survey	\$13,000.00	\$13,000.00	The variance of \$3,000.00 over the estimated budget amount to Outside Professional Services- Site Survey category resulted as we provided our best estimate based on conversations with our consultant engineer.	\$13,000.00	The variant of \$3,000.0 over the estimated budget amount to Outside Profession Services- S Survey category resulted a we provide our best estimate based on conversatio with our consultan engineer

Perform	\$7,360.00	\$16,800.00	The variance	\$16,800.00	The varia
engineering			of \$9,800.00		of \$9,800
study for new			over the		over th
channel			estimated		estimat
assignment			budget		budge
and antenna			amount to		amount
development			Outside		Outsid
			Professional		Profession
			Services-		Service
			Perform		Perfor
			Engineering		Enginee
			Study		Study
			category		catego
			resulted as		resulted
			we provided		we provi
			our best		our be
			estimate		estima
			based on		based o
			conversations		conversat
			with our		with o
			consultant		consult
			engineer.		engine
Attorney Fees -	\$2,365.00	\$2,250.00	N/A	\$1,620.00	N/A
Prepare and					
File FCC Form					
2100 (main),					
License to					
Cover					
Application					
Attorney Fees	\$5,260.00	\$5,000.00	N/A	\$1,508.25	N/A
- Prepare and	4 -,	40,00000		¥ 1,2 2 3 = 2	
File FCC Form					
2100 (main),					
Construction					
Permit					
Application					
Prepare	\$1,580.00	\$1,500.00	N/A	N/A	N/A
engineering	ψ1,000.00	Ψ1,000.00	14// (14// (14//
section of FCC					
Form 2100					
(main),					
License to					
L'OVΔr					
Cover Application					

Sub-total	\$97,490.00	\$103,050.00	N/A	\$44,138.25	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$2,270.00	N/A
Project management of the transition	\$55,300.00	\$52,500.00	Please see attached Project Management quotation.	\$7,350.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,590.00	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Components

Actual Information	
Description	File Name

Site Survey Marsand_Site **Component Description:** Survey_Variance Cover Letter, Invoice, Signed PO and **Estimate** \$10,000.00 Amount: **Component Description:** Non refundable application fee to initiate lease negotiations - ASR# 1053361. **Amount:** \$3,000.00 Perform engineering study for new channel **Component Description:** Marsand-Engineering assignment and antenna Study_Variance development Cover Letter, Invoice, Signed PO and **Estimate** Amount: \$3,150.00 **Component Description:** Marsand_Engineering Study_Variance cover Letter, Invoice, Signed PO and Estimate **Amount:** \$7,800.00 **Component Description:** Initial RF Coverage Scenarios Amount: \$4,218.75 Engineering services **Component Description:** Amount: \$1,631.25

Attorney Fees -Prepare and File FCC Form 2100 **Component Description:** Repack Services (main), License to Cover Amount: \$120.00 Application **Component Description:** Attorney Fees Form 2100 Form 399 STA Amount: \$1,500.00 Attorney Fees - Prepare and File FCC Form 2100 **Component Description:** Television Repacking (main), Construction Services- Billed Thru Permit Application October 31, 2017 for transition progress report submission review and filing and for invoice review Amount: \$359.25 **Component Description:** Attorney-TV Repack Services-Filing **Quarterly Report** Amount: \$270.00 **Component Description:** Television Repacking Services Amount: \$690.00 **Component Description:** Attorney-TV Repack Services-Form 1876 **Update Banking Contact Information** \$189.00 Amount: Prepare engineering Information not provided. section of FCC Form 2100 (main), License to

Cover Application

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Prepare and or review reimbursement form

Component Description: Attorney TV Repack

Services- Transition

deadline

communications

Amount: \$870.00

Component Description: Attorney-TV Repack

Services-Upload Replacement Invoice

Issues

Amount: \$120.00

Component Description: Attorney Fees_

Repack Servicesreview and filing of KPBT quarterly transition progress

report

Amount: \$120.00

Component Description: Attorney-TV Repack

Service-Form 399 Reimbursement Justification For B&T

Group

Amount: \$120.00

Component Description: Attorney TV Repack

Services- Ten week

transition

communications

Amount: \$360.00

Project management of the transition

Component Description: Marsand_Project

Management_Invoice,

Signed PO and

Estimate

Amount: \$7,350.00

Attorney Fees -Negotiation of lease and other matters for shared locations

Component Description: Attorney- TV Repack

Services-

Reimbursement For Breaking Current Lease Agreement

Amount: \$240.00

Component Description: Attorney-TV Repack

Services-Review An

Mark Up Of

Subcarrier Tower

Lease

Amount: \$500.00

Component Description: Attorney TV Repack

Services- Subcarrier Lease Agreement Communications

Amount: \$660.00

Component Description: Attorney-TV Repack

Services- Review Of

Revised Draft
Subcarrier Tower
Lease And Mark Up
With Proposed
Revisions,
Comments, And

Questions

Amount: \$870.00

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
Other Expenses	\$128,495.67	\$127,945.67		\$39,725.67	
Equipment Delivery and Handling Charges	\$33,445.67	\$33,445.67	Permian Machinery Movers cost difference from hiring alternate crane company to perform the relocation of the generator, auxiliary fuel tank and UPS.	\$33,445.67	The variance of \$850.00 over the previously estimated budget amount in the Other Expenses-Equipment Delivery and Handling Charges category resulted from Permian Machinery Movers hiring another crane company able and capable to perform the job.

MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	The variance of \$1300 over the previously estimated budget amount of \$1200.00 to Other Expenses/ MVPD Notification of Channel Change category is a direct result from the work performed by Widelity. We ask that the budget amount be increased. Thank you	\$2,500.00	The variance is a direct result from the work performed by Widelity
Develop and air announcement of upcoming channel change	\$6,000.00	\$6,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	Disposal of old transmitter, antenna, line and misc. electrical.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,780.00	N/A

Studio to Transmitter	\$60,000.00	\$60,000.00	Construct	N/A	N/A
Link			mile"		
			connection		
			for STL link		
			(preferred).		
			Microwave		
			radio link is		
			more		
			expensive.		
Sub-total	\$128,495.67	\$127,945.67	N/A	\$39,725.67	N/A
Total for all systems	\$2,132,204.53	\$1,769,433.74	N/A	\$1,395,658.90	N/A

Components

Components		
Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description: Amount:	Permian Machinery Movers_Variance Cover Letter, Change Order Invoice, Change Order PO, Change Order Quote, Original Invoice and Original Quote \$850.00
	Component Description: Amount:	RFS-Antenna and Mount Freight Charges \$13,125.00
	Component Description:	Permian Machinery Movers_Unloading of transmission line and mounting hardware pallet
	Amount:	\$950.00

Component Description: Delton

Construction_Storage

and handling of

transmitter equipment crates at a secure facility while building renovations were

completed

Amount: \$595.00

Component Description: Load, transport and

unload generator, auxiliary fuel tank and

UPS from old

transmitter site (4101 E. 42 St., Odessa,TX) to new transmitter site (9650 N. FM 1788,

Midland, TX)

Amount: \$6,500.00

Component Description: (5-18-18) Poly

sheathing for covering Rohde & Schwarz transmitter crates while stored at Delton Construction secured facility and (5-29-18) Pallet jack rental for moving Rhode & Schwarz transmitter shipping crates inside of new

Amount: \$193.67

Component Description: Provided two forklifts,

two operators and one assistant to unload antenna, radome crate and antenna mount pallet

transmitter building

Amount: \$2,250.00

	Component Description: Amount:	RFS- 4" Heliflex Transmission Line- Shipping Charges \$7,332.00
	Component Description: Amount:	Loading, transporting & unloading of transmitter equipment crates from Delton Construction (Secured facility) to new transmitter site (Subcarrier building) \$1,650.00
MVPD Notification of Channel Change	Component Description: Amount:	Widelity_MVPD Notification- research and contact all relavant MVPD entities impacted by station move by mail and/ or email \$2,500.00
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any	Information not provided.	

salvage value)

DTV Medical Facility Notification		
	Component Description:	Widelity_Medical
		Notification- indentify
		medical associations
		and industry groups
		impacted by the
		station move and
		contact them by mail
		and/ or email.
	Amount:	\$3,780.00
Studio to Transmitter Link	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,132,204.53	\$1,769,433.74	\$1,395,658.90

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

Section Question Response

Submission of Estimated Expenses Statements

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

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

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Brescia Chairman of the Board

12/28/2018

Section Question Response

Submission of Actual Cost Documentation Statements

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

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

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Brescia Chairman of the Board

12/28/2018

Attachments