

(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 **02/13**

Submitted: /2019

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

Facility ID	Call Sign	Service
9667	KCRS-FM	FM
65306	KMCM	FM
41856	KMRK-FM	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	\$908,599.26		\$757,070.68	
Remove Existing Equipment	\$15,000.00	\$15,000.00	Dismantle and remove the transmitter and interior RF components.	\$6,950.00	N/A
Transmitter Installation	\$30,000.00	\$30,000.00	Please see attached transmitter installation quotation.	\$21,000.00	N/A
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 installe equipm

10 Ton system	\$38,900.00	\$15,800.00	Initial estimates are over a year old and construction costs in our area have increased.	\$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
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$36,300.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	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

Sub-total	\$1,169,374.95	\$908,599.26	N/A	\$757,070.68	N/A
Total for all systems	\$2,132,204.53	\$1,770,587.94	N/A	\$1,400,608.90	N/A

Components

•		
Actual Information Description	File Name	
Remove Existing Equipment	Component Description:	Midland Tower Construction_Removal and Disposal of CH 38 Transmitter and Equipment.
	Amount:	\$3,000.00
	Component Description:	Midland Tower Construction_Antenna and Transmission Line Removal_Invoice, Signed PO and Quote
	Amount:	\$3,950.00
Transmitter Installation	Component Description:	Marsand_Transmitter Install_Single Cabinet , Liquid Cooled, Hose Style Installation, Commisssion and Proof of
	Amount:	Performance \$21,000.00
Other Building Addition Size: 800.0	Component Description:	Subcarrier Communications- Tower and Building Lease
	Amount:	Agreement- October Site Rent \$6,800.00
	Component Description:	Subcarrier Communications- Tower and Building Lease
	Amount:	Agreement- November Site Rent \$6,800.00

Component Description: Subcarrier Communications-Tower and Building Lease Agreement- Security Deposit \$14,300.00 Amount: **Component Description:** 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- September Site Rent Amount: \$6,800.00 **Component Description:** Old Doppler Tower Removal at Subcarrier Tower ASR# 1053361 Amount: \$4,600.00 **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- June Site Rent Amount: \$6,800.00

Component Description: Subcarrier Communications-

Tower and Building Lease
Agreement- August 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: 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

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:** Delton Construction_Surge generator and Surpressor_Invoice, Signed PO then move the and Estimate UPS and Amount: \$9,958.50 generator after the transition to comply with WARN act. **Component Description:** Construction of electrical installation at new transmitter building Amount: \$2,565.48 **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 Switchgear industrial 800 Switch gear_Purchase and **Component Description:** amp installation of materials for the electrical system in the new transmitter building Amount: \$36,300.00

Information not provided.	
Component Description: Amount:	Broadax Systems Inc_Transmitter Remote/ User Interface Computer and Network Switch Justification Cover Letter, Invoice, Signed PO and Quote \$1,381.00
Component Description: Amount:	West Texas It Consulting_Transmitter Remote/ User Interface Computer and Network Switch Justification Cover Letter, Invoice, Signed PO and Quote \$485.26
Component Description: Amount:	75 percent Down payment_ Rohde & Schwarz THU9-12 Evo Transmitter \$293,957.25
Component Description:	25% Downpayment Rohde & Schwarz Model THU9-12 Evo Quote: 802-0335601.4
	Component Description: Amount: Component Description: Amount: Amount:

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
Primary Antenna SAA28- ATW_P3- J300-ES6R- 28	\$178,643.91	\$173,353.91		\$170,453.91	
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
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$18,450.00	See attached antenna quotation.	\$18,450.00	N/A

IIUE - Uiah	\$143,503.91	\$143,503.91	We were	\$143,503.91	We were
UHF - High Power,	φ143,303.91	Φ143,303.91	unable to	φ1 4 3,503.91	unable to
Side			attain		attain
Mount,			accurate		accurate
basic slot			tower		tower
antenna,			banding		banding
500 kW			information		information
input,			from the		from the
directional,,			tower		tower
elliptically			owner. The		owner. The
or circularly			ray dome		ray dome
polarized			ended up		ended up
polarizeu			mounted		mounted
			within the		within the
			full orange		full orange
			band on		band on
			the tower.		the tower.
			The		The
			antenna		antenna
			was		was
			delivered		delivered
			with the		with the
			upper most radome in		upper mos
			white. The		white. The
			panels will		panels wil
			be		be
			replaced to		replaced to
			match.		match.
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,500.00	N/A
Sub-total	\$178,643.91	\$173,353.91	N/A	\$170,453.91	N/A
Total for all systems	\$2,132,204.53	\$1,770,587.94	N/A	\$1,400,608.90	N/A

Components

Actual Information	
Description	File Name

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

Component Description: 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

Side mount brackets for high power antennas (if 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

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

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
Quote. Station
invoices for antenna
upgrade are attached
separately.

Amount: \$142,500.00

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

Component Description: RFS_Radome

Panels_Variance Cover Letter, Invoice, Signed PO and Quote

Amount: \$1,003.91

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

Sweep test of existing antenna		
antenna	Component Description:	Marsand_Antenna
		and Line
		Sweep_Invoice,
		Signed Po and
		Estimate
	Amount:	\$3,500.00

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 Bud Estimal we we under impress that what to inpure number regardl of the accurate we budge low in the instantiue to tardy resport from the vendor to the control of the control of the accurate we budge low in the instantiue to tardy resport from the vendor the control of th
Sub-total	\$66,600.00	\$31,790.75	N/A	\$31,790.75	N/A
Total for all systems	\$2,132,204.53	\$1,770,587.94	N/A	\$1,400,608.90	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	\$1,770,587.94	N/A	\$1,400,608.90	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')

Component Description: Engineering and

fabrication service for new KPBT tower site which includes originally

proposed materials,

modifications and

services

Amount: \$151,195.87

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),

Package

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

Design Drawing

(\$2500.00).

Amount: \$47,097.48

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: KPBT - Structural

Analysis

Amount: \$1,500.00

Component Description: KPBT -

Geotechnical Investigation

Amount: \$3,300.00

Component Description: KPBT - Tower

Mapping \$3,500.00

KPBT -

Component Description:

Amount:

Remobilization Fee

Amount: \$1,600.00

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: 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		\$46,088.25	
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 variance of \$3,000.00 over the estimated budget amount to Outside Profession Services- Survey category resulted a we provide our best estimate based on conversatio with our consultan engineer
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$2,270.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$1,620.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,508.25	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$450.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,700.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$16,800.00	The variance of \$9,800.00 over the estimated budget amount to Outside Professional Services-Perform Engineering Study category resulted as we provided our best estimate based on conversations with our consultant	\$12,600.00	The varian of \$9,800. over the estimate budget amount to Outside Profession Services Perform Engineerin Study category resulted a we provide our best estimate based or conversation with our consultar

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$55,300.00	\$52,500.00	Please see attached Project Management quotation.	\$10,350.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,590.00	N/A
Sub-total	\$97,490.00	\$103,050.00	N/A	\$46,088.25	N/A
Total for all systems	\$2,132,204.53	\$1,770,587.94	N/A	\$1,400,608.90	N/A

Components

Actual Information Description	File Name	
Site Survey		
	Component Description: Amount:	Marsand_Site Survey_Variance Cover Letter, Invoice, Signed PO and Estimate \$10,000.00
	Component Description: Amount:	Non refundable application fee to initiate lease negotiations - ASR# 1053361.
	Amount:	\$3,000.00

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

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

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

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application

Component Description: Attorney Fees Form

2100 Form 399 STA

Amount: \$1,500.00

Component Description: Repack Services

Amount: \$120.00

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application

Component Description: Television Repacking

Services- Billed Thru October 31, 2017 for transition progress report submission review and filing and for invoice review

Amount: \$359.25

Component Description: Attorney-TV Repack

Services-Form 1876 Update Banking Contact Information

Amount: \$189.00

Component Description: Television Repacking

Services

Amount: \$690.00

Component Description: Attorney-TV Repack

Services-Filing Quarterly Report

Amount: \$270.00

Prepare engineering section of FCC Form 2100 (main), License to Cover Application

Component Description: Marsand_Prepare

Engineering Portion of License To Cover

Application

Amount: \$450.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

Component Description: Marsand_Priority

Filing Window;

Perform Engineering Section of FCC Form 2100, Construction Permit Application

Amount: \$900.00

Component Description: Marsand_Prepare

Engineering section of FCC Form 2100 Construction Permit

Amount: \$900.00

Component Description: Marsand_ Prepare

Engineering Section of FCC Form 2100, Construction Permit Minor Modification

Application

Amount: \$900.00

Perform engineering study for new channel assignment and antenna development

Component Description: Initial RF Coverage

Scenarios

Amount: \$4,218.75

Component Description: Engineering services

Amount: \$1,631.25

Component Description: Marsand_Perform

Engineering Study_ Invoice, Signed PO

and Estimate

Amount: \$4,500.00

Component Description: Marsand-Priority

Filing Window;

Perform Engineering

Study for new

channel assignment

and antenna development

Amount: \$2,250.00

Address transition timing and coordination issues w/ other stations and wireless

Information not provided.

Project management of	
the transition	

Component Description: Marsand_Project

Management

Services; assist with

progress of installation,

coordinate vendors, monitor timing and

issues

Amount: \$7,950.00

Component Description: Marsand_Preliminary

Project Management

Amount: \$2,400.00

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 TV Repack

Services- Ten week

transition

communications

Amount: \$360.00

Component Description: Attorney-TV Repack

Service-Form 399
Reimbursement

Justification For B&T

Group

Amount: \$120.00

Component Description: Attorney Fees_

Repack Servicesreview and filing of KPBT quarterly transition progress

report

Amount: \$120.00

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	
Studio to Transmitter Link	\$60,000.00	\$60,000.00	Construct fiber "last mile" connection for STL link (preferred). Microwave radio link is more expensive.	N/A	N/A
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	\$6,000.00	\$6,000.00	N/A	N/A	N/A
of upcoming channel change					
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.
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

Total for all	\$2,132,204.53	\$1,770,587.94	N/A	\$1,400,608.90	N/A
systems					

Components

Actual Information Description File Name Studio to Transmitter Link Information not provided. MVPD Notification of Channel Change Component Description: 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. Equipment Delivery and Handling Charges Component Description: RFS-Antenna and Mount Freight Charges \$13,125.00 Amount: \$13,125.00 Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed \$595.00	Components		
MVPD Notification of Channel Change Component Description: 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 Equipment Delivery and Handling Charges Amount: RFS-Antenna and Mount Freight Charges Amount: \$13,125.00 Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed		File Name	
Channel Change Component Description: Widelity_MVPD Notification- research and contact all relavant MVPD entities impacted by station move by mail and/ or email and/ or email s2,500.00 Develop and air announcement of upcoming channel change Equipment Delivery and Handling Charges Component Description: RFS-Antenna and Mount Freight Charges Amount: \$13,125.00 Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed	Studio to Transmitter Link	Information not provided.	
announcement of upcoming channel change Equipment Delivery and Handling Charges Component Description: RFS-Antenna and Mount Freight Charges Amount: \$13,125.00 Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed			Notification- research and contact all relavant MVPD entities impacted by station move by mail and/ or email
Handling Charges Component Description: RFS-Antenna and Mount Freight Charges Amount: \$13,125.00 Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed	announcement of upcoming channel	Information not provided.	
Component Description: Delton Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed		Component Description:	Mount Freight
Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were completed		Amount:	=
Amount: \$595.00		Component Description:	Construction_Storage and handling of transmitter equipment crates at a secure facility while building renovations were
		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 (529-18) Pallet jack
rental for moving
Rhode & Schwarz
transmitter shipping
crates inside of new

Amount: \$193.67

Component Description: Permian Machinery

Movers_Variance
Cover Letter, Change

transmitter building

Order Invoice, Change Order PO, Change Order Quote, Original Invoice and Original Quote

Amount: \$850.00

Component Description: Loading, transporting

& unloading of

transmitter equipment crates from Delton

Construction

(Secured facility) to new transmitter site (Subcarrier building)

Amount: \$1,650.00

Component Description: Permian Machinery

Movers_Unloading of transmission line and mounting hardware

pallet

Amount: \$950.00

Component Description: Provided two forklifts,

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

Amount: \$2,250.00

Component Description: RFS- 4" Heliflex

Transmission Line-Shipping Charges

Amount: \$7,332.00

Disposal Costs (for equipment and other waste, net of any salvage value) Information not provided.

DTV	Medical	Facility
Notif	ication	

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

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,132,204.53	\$1,770,587.94	\$1,400,608.90

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

02/13/2019

Section Question Response

Submission of Actual Cost Documentation Statements

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

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

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

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

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

02/13/2019

Attachments