



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **50044** | Service: **DTV** | Call **KPBT-TV** | Channel: **28 (UHF)** |
ID:
File **0000028613**
Number:
FRN: **0021001540** | Date **02/22**
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 | Jazmin Shotts P.O. BOX 8940 MIDLAND, TX 79708 United States | +1 (432) 563-5728 | jshotts@basinpbs.org | Not-for-Profit |

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 |
|-------------------------------------------------|-------------------------------------------------------------------------|-------------------|-------------------|
| David Sanderford <i>Marsand, Inc.</i> | 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 and Type | Manufacturer | |
| | Model | DHD60P2 |
| | Year | 2001 |
| | Type | 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 |
| | Type | 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 leasehold improvement? | Yes |
| | Size | 800.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filter 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 |
|----------------------------------|----------------------------------------------------------------|
| Remove Existing Equipment | Remove pre-auction channel transmitter and interior RF system. |

| | |
|---------------------------------|---------------------------------------------------------------------|
| Transmitter Installation | Installation, commissioning and proof of performance documentation. |
|---------------------------------|---------------------------------------------------------------------|

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? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side 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) | 220.0 kW |
| | | |

| | |
|--------------|--------------------|
| Manufacturer | |
| Model | ATL20H3- HSO-38 |
| Year | 2001 |

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? | No |
| 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) | 500.0 kW |
| | Manufacturer | |
| | | |

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

Primary Antenna

Other Antenna Costs

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

**Primary
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 |
|---------------------------------------------------------|----------------------------------------------------------------------------|------------------|
| 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 | |
| | Type | 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
Transmission Line

New Transmission Line

| Section | Question | Response |
|-----------------------------|-------------------------------------------|-----------------------------------------|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | 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
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 | 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 |
| | ASR Number | 1215312 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 31° 53' 50.3" N- |
| | 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

KOSA-TV STL

K238AZ FM Trans

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 Structure Registration | Do you have a tower registration number? | Yes |
| | 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 |
| | | |

| | | |
|--|------------------|------------|
| | Date Constructed | 01/01/1963 |
|--|------------------|------------|

**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 |
|-------------|-----------|---------|
| 41856 | KMRK-FM | FM |
| 65306 | KMCM | FM |
| 9667 | KCRS-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 Services Costs**

| Section | Question | Response |
|-------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------|
| 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 Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | | |

| | | |
|--------------------------------------|--------------------------------------------------------------------------------------------|-----|
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | 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

| Name | 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 Cost Justification |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|-----------------------------------------------------------------------------------------------|--------------------|---------------------------|
| Primary Transmitter THU9-12Evo | \$1,057,560.00 | \$795,630.11 | | \$97,985.75 | |
| Transmitter Installation | <i>\$30,000.00</i> | \$30,000.00 | Please see attached transmitter installation quotation. | N/A | N/A |
| Remove Existing Equipment | <i>\$15,000.00</i> | \$15,000.00 | Dismantle and remove the transmitter and interior RF components. | N/A | N/A |
| Other -- Building Addition Size: 800.0 | <i>\$96,875.00</i> | \$96,875.00 | See attached Building Modification quote. | N/A | N/A |
| 10 Ton system | \$38,900.00 | \$14,645.80 | See attached HVAC quote (6 ton system). | N/A | N/A |
| 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. | <i>\$94,025.00</i> | \$94,025.00 | Please see attached quotations for generator and UPS decommissioning, move and commissioning. | N/A | N/A |

| | | | | | |
|----------------------------------------------------------|----------------|----------------|-------------------------------------|--------------|-----|
| 3" Rigid Conduit and Wiring (Cost per foot) | \$9,360.00 | \$8,820.00 | N/A | N/A | N/A |
| Transformer 3 phase/480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | 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. | \$97,985.75 | N/A |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,700.00 | N/A | N/A | N/A |
| Sub-total | \$1,057,560.00 | \$795,630.11 | N/A | \$97,985.75 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

| Actual Information Description | File Name |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Transmitter Installation | Information not provided. |
| Remove Existing Equipment | Information not provided. |
| Other -- Building Addition Size: 800.0 | Information not provided. |
| 10 Ton system | Information not provided. |
| 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. | Information not provided. |

| | |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Transformer 3 phase/480v - 300 KVA | Information not provided. |
| Switchgear - industrial 800 amp | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | <div> <div> Component Description: </div> <div> 25% Downpayment Rohde & Schwarz Model THU9-12 Evo Quote: 802- 0335601.4 </div> </div> <div> <div> Amount: </div> <div> \$97,985.75 </div> </div> |
| Service entrance 3 phase /800 amp/208 volt | Information not provided. |

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 | \$177,640.00 | \$172,350.00 | | \$0.00 | |
| UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, elliptically or circularly polarized | <i>\$142,500.00</i> | \$142,500.00 | See attached antenna quotation (cost for comparable Hpol only antenna). | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | 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. | N/A | N/A |

| | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|-----|--------------|-----|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Sub-total | \$177,640.00 | \$172,350.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

Information not provided.

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 |
|----------------------------------------------------------|--------------------------------|-------------------|------------------------------------------|--------------|------------------------------|
| Primary Transmission Line | \$66,600.00 | \$30,000.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 4" | \$66,600.00 | \$30,000.00 | See attached antenna quotation. | N/A | N/A |
| Sub-total | \$66,600.00 | \$30,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

Information not provided.

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 GTOWER | \$381,100.00 | \$362,000.00 | | \$14,700.75 | |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | \$10,700.75 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | \$4,000.00 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | Installation of antenna and transmission line. | N/A | N/A |
| Primary Tower MAST | \$110,500.00 | \$56,555.00 | | \$16,555.00 | |
| 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 | \$16,555.00 | 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 | \$418,555.00 | N/A | \$31,255.75 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

| Actual Information | | |
|-------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Description | File Name | |
| Minor tower reinforcement /modifications | Component Description: Amount: | Tower Modification Design Drawing \$10,700.75 |
| Structural engineering tower load study for well documented tower | Component Description: Amount: | Tower loading study for initial antenna and subsequent loading study for final antenna. \$4,000.00 |
| Tall Tower (greater than 500') | Information not provided. | |

| | | |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Component Description: Amount: | KPBT - Structural Analysis \$1,500.00 |
| | Component Description: Amount: | KPBT - Geotechnical Investigation \$3,300.00 |
| | Component Description: Amount: | KPBT - Tower Mapping \$3,500.00 |
| | Component Description: Amount: | KPBT - Foundation Mapping \$3,900.00 |
| | Component Description: Amount: | KOSA - Remobilization Fee \$2,755.00 |
| | Component Description: Amount: | KPBT - Remobilization Fee \$1,600.00 |
| 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 Cost Justification |
|----------------------------------------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------|--------------------|---------------------------|
| Outside Professional Services | \$94,490.00 | \$90,250.00 | | \$11,519.25 | |
| Site Survey | <i>\$10,000.00</i> | \$10,000.00 | Please see attached Site Survey quotation. | \$3,000.00 | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | 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 | \$1,049.25 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$5,850.00 | N/A |
| Project management of the transition | \$55,300.00 | \$52,500.00 | Please see attached Project Management quotation. | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | 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 |
| Sub-total | \$94,490.00 | \$90,250.00 | N/A | \$11,519.25 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

Actual Information
Description

File Name

| | |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site Survey | <p>Component Description: Non refundable application fee to initiate lease negotiations.</p> <p>Amount: \$3,000.00</p> |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | <p>Component Description: Repack Services</p> <p>Amount: \$120.00</p> <p>Component Description: Attorney Fees Form 2100 Form 399 STA</p> <p>Amount: \$1,500.00</p> |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <p>Component Description: Television Repacking Services</p> <p>Amount: \$690.00</p> <p>Component Description: Television Repacking Services- Billed Thru October 31, 2017</p> <p>Amount: \$359.25</p> |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |

| | |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Perform engineering study for new channel assignment and antenna development | <div> <div> Component Description: Amount: </div> <div> Initial RF Coverage Scenarios \$4,218.75 </div> </div> <div> <div> Component Description: Amount: </div> <div> Engineering services \$1,631.25 </div> </div> |
| Project management of the transition | Information not provided. |
| Prepare and or review reimbursement form | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |

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 | \$116,750.00 | \$116,200.00 | | \$0.00 | |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$15,000.00</i> | \$15,000.00 | Disposal of old transmitter, antenna, line and misc. electrical. | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$23,000.00</i> | \$23,000.00 | Freight for antenna and transmission line. Offloading equipment rental and labor. | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$6,000.00</i> | \$6,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$1,200.00</i> | \$1,200.00 | N/A | N/A | N/A |

| | | | | | |
|------------------------------|--------------------|----------------|----------------------------------------------------------------------------------------------------------|--------------|-----|
| 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 |
| Sub-total | \$116,750.00 | \$116,200.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,004,640.00 | \$1,622,985.11 | N/A | \$140,760.75 | N/A |

Components

Information not provided.

| | | | |
|-----------------------------|------------------------------|----------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$2,004,640.00 | \$1,622,985.11 |
| | | | \$140,760.75 |

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

| Certification | Section | Question | Response |
|---------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| | Submission of Estimated Expenses Statements | <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"> 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.

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <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>Jazmin Shotts <i>Interim GM</i></p> <p>02/22/2018</p> |

| Certification | Section | Question | Response |
|---------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| | Submission of Actual Cost Documentation Statements | <p>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).</p> | |
| | | <ol style="list-style-type: none"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
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>Jazmin Shotts <i>Interim GM</i></p> <p>02/22/2018</p> |

Attachments