



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **72338** | Service: **DTV** | Call **WHYY-TV** | Channel:
ID: | Sign:
12 (High VHF) | File **0000026256**
Number:
FRN: **0004061909** | Date **04/01**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|-------------------|---|-------------------|-------------------|----------------|
| WHYY, INC. | KYRA G. MCGRATH 150 N 6TH STREET PHILADELPHIA, PA 19106 United States | +1 (215) 351-1200 | kmcgrath@whyy.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 |
|---|--|----------------------|--------------------------|
| Robert Gehman <i>ConsultingEngineer</i> <i>Kessler and Gehman Associates, Inc.</i> | Robert Gehman 507 NW 60 Street Suite D Gainesville, FL 32607 United States | +1 (352) 332-3157 | bob@kesslerandgehman.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 | Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. |

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 | DTT3M |
| | Year | 2010 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 3.5 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? | No |
| | Manufacturer | |
| | Model | VAXTE-6R37 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 4.8 kW |
| | Justification for New Transmitter | The manufacturer of the existing transmitter is out of business and no factory support is available for the existing transmitter. See attachment. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 150 kVA |
| | | |

| | | |
|--|---|------------|
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| 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 |
|--------------------------------------|--|
| Standby Exciter and Switch | Standby Exciter with Automatic Change Over Switch |
| Freight | Freight |
| Mask Filter System | Mask Filter System |
| Removal of old transmitter | Removal of old transmitter |
| Additional Interior RF System | Interior RF System Existing Transmitter to Interim Transmission line |
| Install and Proof | Install and Proof |

| | |
|-----------------------------------|----------------------------|
| RF Switch and Station Load | RF Switch and Station Load |
| Change Order | Change Order |
| Electrical | Electrical |
| Exhaust System | Exhaust System |

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? | Yes |
| | 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) | 30.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------|----------------|
| Model | PSIVSM12DMC-12 |
| Year | 2010 |

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? | No |
| | 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 | Horizontal |
| | 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) | 30.0 kW |
| | Manufacturer | |
| | Model | PSIVSM12DMC-13 |
| | Year | 2018 |

| | | |
|--|-------------------------------|---|
| | Justification for New Antenna | The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel. |
|--|-------------------------------|---|

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|---------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 3 1/8 inches inches |
| 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.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | 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) | 30.0 kW |
| | Manufacturer | |
| | Model | PSILVLP8DMC-12/13 |
| | Year | 2018 |
| | | |

| | | |
|--|-------------------------------|--|
| | Justification for New Antenna | An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |
|--|-------------------------------|--|

**Interim
Antenna**

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|--------------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | S |
| | Feed Line Size | 3 1/8 inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Interim
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line**Existing Transmission Line**

| Section | Question | Response |
|--|--|-------------------|
| Existing Transmission Line Description | Type of change | Utilize Existing |
| | 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 | Unknown |
| | Type | Rigid |
| | Diameter | 3 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1240 feet per run |

Primary Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|-------------|---|
| Sweep Tests | Sweep to verify performance on assigned channel |

Interim Transmission Line

New Transmission Line

| Section | Question | Response |
|-----------------------------|-------------------------|-------------------|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Flexible Air |
| | Diameter | 3 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1140 feet per run |

| | |
|---|--|
| Justification for New Transmission Line | An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |
|---|--|

Interim Transmission Line **Other Transmission Line Expenses Not Listed**

| Name | Description |
|------------|-------------|
| Sweep Test | Sweep Test |

**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**

Existing 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 | Yes |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1027110 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 40° 02' 30.9" N- |
| | Longitude (NAD83) | 075° 14' 21.9" W- |
| | Overall Structure Height | 1091.85 feet |
| | Support Structure Height | 1022.95 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 219.81 feet |
| | | |

| | | |
|--|------------------|---|
| | Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| | Tower Owner | American Towers, LLC |
| | Date Constructed | 04/11/2008 |

**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 |
|-------------|-----------|---------|
| 73879 | WPHL-TV | DTV |
| 72336 | WHYY-FM | FM |
| 71382 | WBEB | FM |
| 71316 | WDAS-FM | FM |
| 53969 | WRFF | FM |
| 28628 | WIP-FM | FM |
| 25094 | WMGK | FM |
| 22308 | WBEN-FM | FM |

Other Types of Users

| Users |
|----------|
| WRFF STL |
| WIP STL |
| WPHL 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: | Major Reinforcements needed |

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

| Name | Description |
|----------------------|----------------------|
| Capital Contribution | Capital Contribution |

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|---|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 262 |
| | Explanation | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |

| | | |
|---|--|-----|
| | Quantity | 1 |
| | 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 | Yes |
| | Quantity | 1 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | 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 | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | Yes |

| | | |
|--|----------------|---|
| | Number of Days | 20 |
| | Justification | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|----------------------------|---|
| Other Engineering Services | Engineering Services not included in predetermined categories |
| Other Legal Services | Other Legal Services related to the DTV Repack |

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | Yes |
| | Is Remediation needed? | Yes |
| 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 | Yes |
| | 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? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|--|--|
| American Tower Temporary Site License | American Tower Temporary Site License |
| Bank Fees | WHYY, Inc. has insufficient cash/liquidity to pay for eligible project expenditures out of pocket. We will need to borrow from the bank to cover the expenditures pending reimbursement from the FCC. This represents the total bank fee. |
| Interest | WHYY, Inc. has insufficient cash/liquidity to pay for eligible project expenditures out of pocket. We will need to borrow from the bank to cover the expenditures pending reimbursement from the FCC. This represents the interest expense for the loan. |
| Other Transaction Fees | Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf |
| WHYY Legal Fee | WHYY, Inc. has insufficient cash/liquidity to pay eligible expenses out of pocket. We will need to borrow from the bank to cover the expenditures pending FCC reimbursement. This is for legal fees associated with the loan application and administration. |

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 VAXTE-6R37 | \$345,001.47 | \$341,551.47 | | \$185,690.01 | |
| Standby Exciter and Switch | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| RF Switch and Station Load | <i>\$16,319.60</i> | \$16,319.60 | See attached / uploaded PDF file titled "Gates JW30004691-1 v200420jgv1.pdf" | \$16,319.60 | N/A |
| Change Order | <i>\$4,211.57</i> | \$4,211.57 | See attached / uploaded PDF file titled "Gates US0334375 v200421jgv1.pdf" | \$4,211.57 | N/A |
| Electrical | <i>\$1,510.82</i> | \$1,510.82 | See attached / uploaded PDF file titled "Gates JW30004691-1 v200420jgv1.pdf" | \$1,510.82 | The Estimated Cost and Actual Cost are both \$1,510.82. Apparently this form is not adding figures correctly. |

| | | | | | |
|---|--------------------|-------------|--|-------------|-----|
| Exhaust System | \$14,667.54 | \$14,667.54 | See attached / uploaded PDF files titled "Temptrol Corp 5033 v200501jgv1.pdf", "Temptrol 5690 v200831jgv1.pdf" and "Temptrol 5725 v200831jgv1.pdf" | \$14,667.54 | N/A |
| Freight | \$4,327.52 | \$4,327.52 | See attached / uploaded PDF file titled "Gates US0334375 v200421jgv1.pdf" | \$4,327.52 | N/A |
| Mask Filter System | \$12,644.87 | \$12,644.87 | See attached / uploaded PDF file titled "Gates JW30004691-1 v200420jgv1.pdf" | \$12,644.87 | N/A |
| Removal of old transmitter | \$1,755.00 | \$1,755.00 | See attached /uploaded PDF file titled "JDog Junk 3826 v200406jgv1.pdf" | \$1,755.00 | N/A |
| Additional Interior RF System | \$75,000.00 | \$75,000.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|----------------|---|----------------|--|
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| High VHF - Air Cooled Solid State Transmitter 4.8 kW | \$104,407.55 | \$104,407.55 | See attached / uploaded PDF file titled "Gates JW30004691- 1 v200420jgv1. pdf" | \$104,407.55 | The Estimated Cost and Actual Cost are both \$104,407.55 Apparently this form is not adding figures correctly. |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | \$9,638.54 | N/A |
| Install and Proof | \$16,207.00 | \$16,207.00 | See attached / uploaded PDF file titled "Gates JW30004691- 1 v200420jgv1. pdf" | \$16,207.00 | N/A |
| Sub-total | \$345,001.47 | \$341,551.47 | N/A | \$185,690.01 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | N/A |

Components

| Actual Information | |
|----------------------------|---------------------------|
| Description | File Name |
| Standby Exciter and Switch | Information not provided. |

| | | |
|----------------------------|-------------------------------|--------------------------------------|
| RF Switch and Station Load | Component Description: | Gates JW30004691-2 v200420jgv1 |
| | Amount: | \$5,439.86 |
| | Component Description: | Gates US0334375 v200421jgv1 |
| | Amount: | \$5,439.88 |
| | Component Description: | Gates JW30004691-1 v200420jgv1 |
| | Amount: | \$5,439.86 |
| Change Order | Component Description: | Gates US0334375 v200421jgv1 |
| | Amount: | \$4,211.57 |
| Electrical | Component Description: | Gates JW30004691-2 v200420jgv1 |
| | Amount: | \$503.60 |
| | Component Description: | Gates US0334375 v200421jgv1 |
| | Amount: | \$503.62 |
| | Component Description: | Gates JW30004691-1 v200420jgv1 |
| | Amount: | \$503.60 |

| | | |
|----------------------------|-------------------------------|--------------------------------------|
| Exhaust System | Component Description: | Temptrol 5690 v200831jgv1 |
| | Amount: | \$6,850.00 |
| | Component Description: | Temptrol 5033 v200501jgv1 |
| | Amount: | \$6,850.00 |
| | Component Description: | Temptrol 5725 v200831jgv1 |
| | Amount: | \$967.54 |
| Freight | Component Description: | Gates US0334375 v200421jgv1 |
| | Amount: | \$4,327.52 |
| Mask Filter System | Component Description: | Gates JW30004691-2 v200420jgv1 |
| | Amount: | \$4,214.95 |
| | Component Description: | Gates US0334375 v200421jgv1 |
| | Amount: | \$4,214.97 |
| | Component Description: | Gates JW30004691-1 v200420jgv1 |
| | Amount: | \$4,214.95 |
| Removal of old transmitter | Component Description: | JDog Junk 3826 v200406jgv1 |
| | Amount: | \$1,755.00 |

| | | | | | | | | | | | | | |
|--|---|-------------------------------|--------------------------------------|----------------|-------------|-------------------------------|--------------------------------------|----------------|-------------|-------------------------------|--------------------------------|----------------|-------------|
| Additional Interior RF System | Information not provided. | | | | | | | | | | | | |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | | | | | | | | | | | | |
| Transformer 3 phase/480v - 150 KVA | Information not provided. | | | | | | | | | | | | |
| High VHF - Air Cooled Solid State Transmitter 4.8 kW | <table> <tr> <td>Component Description:</td><td>Gates JW30004691-1 v200420jgv1</td></tr> <tr> <td>Amount:</td><td>\$34,802.51</td></tr> <tr> <td>Component Description:</td><td>Gates JW30004691-2 v200420jgv1</td></tr> <tr> <td>Amount:</td><td>\$34,802.51</td></tr> <tr> <td>Component Description:</td><td>Gates US0334375 v200421jgv1</td></tr> <tr> <td>Amount:</td><td>\$34,802.53</td></tr> </table> | Component Description: | Gates JW30004691-1 v200420jgv1 | Amount: | \$34,802.51 | Component Description: | Gates JW30004691-2 v200420jgv1 | Amount: | \$34,802.51 | Component Description: | Gates US0334375 v200421jgv1 | Amount: | \$34,802.53 |
| Component Description: | Gates JW30004691-1 v200420jgv1 | | | | | | | | | | | | |
| Amount: | \$34,802.51 | | | | | | | | | | | | |
| Component Description: | Gates JW30004691-2 v200420jgv1 | | | | | | | | | | | | |
| Amount: | \$34,802.51 | | | | | | | | | | | | |
| Component Description: | Gates US0334375 v200421jgv1 | | | | | | | | | | | | |
| Amount: | \$34,802.53 | | | | | | | | | | | | |
| Switchgear - industrial 800 amp | <table> <tr> <td>Component Description:</td><td>Hatzel 100635C v210401jgv4</td></tr> <tr> <td>Amount:</td><td>\$3,938.54</td></tr> <tr> <td>Component Description:</td><td>Hatzel 100635A v201118jgv1</td></tr> <tr> <td>Amount:</td><td>\$4,500.00</td></tr> <tr> <td>Component Description:</td><td>Hatzel 100635B v201118jgv1</td></tr> <tr> <td>Amount:</td><td>\$1,200.00</td></tr> </table> | Component Description: | Hatzel 100635C v210401jgv4 | Amount: | \$3,938.54 | Component Description: | Hatzel 100635A v201118jgv1 | Amount: | \$4,500.00 | Component Description: | Hatzel 100635B v201118jgv1 | Amount: | \$1,200.00 |
| Component Description: | Hatzel 100635C v210401jgv4 | | | | | | | | | | | | |
| Amount: | \$3,938.54 | | | | | | | | | | | | |
| Component Description: | Hatzel 100635A v201118jgv1 | | | | | | | | | | | | |
| Amount: | \$4,500.00 | | | | | | | | | | | | |
| Component Description: | Hatzel 100635B v201118jgv1 | | | | | | | | | | | | |
| Amount: | \$1,200.00 | | | | | | | | | | | | |

Install and Proof

Component Description: Gates
JW30004691-2
v200420jgv1
Amount: \$5,402.33

Component Description: Gates US0334375
v200421jgv1
Amount: \$5,402.34

Component Description: Gates
JW30004691-1
v200420jgv1
Amount: \$5,402.33

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 |
|--|-----------------------------|--------------------|--|--------------------|---------------------------|
| Interim Antenna PSILVLP8DMC-12/13 | \$79,240.00 | \$77,800.00 | | \$13,999.99 | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,500.00 | See attached / uploaded PDF file titled "PSI 2115DP v200403jgv1.pdf" | \$1,833.33 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| High VHF - High Power Side Mount One Station horizontally polarized | <i>\$36,500.00</i> | \$36,500.00 | See attached / uploaded PDF file titled "PSI 2115DP v200403jgv1.pdf" | \$12,166.66 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|--|---------------------|-----|
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | \$7,600.00 | \$7,400.00 | N/A | N/A | N/A |
| Primary Antenna PSIVSM12DMC-13 | \$148,740.00 | \$143,747.99 | | \$114,347.99 | |
| High VHF - High Power Side Mount One Station horizontally polarized | \$106,000.00 | \$106,000.00 | See attached / uploaded PDF file titled "PSI 2114DP v200403jgv1.pdf" | \$106,000.00 | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,499.99 | See attached / uploaded PDF files titled "PSI 2114DP v200403jgv1.pdf" and "PSI 2114 v201118jgv1.pdf" | \$5,499.99 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | \$7,600.00 | \$7,400.00 | N/A | N/A | N/A |

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|--------------------------------|----------------|----------------|-----|----------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$2,848.00 | N/A | \$2,848.00 | N/A |
| Sub-total | \$227,980.00 | \$221,547.99 | N/A | \$128,347.98 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | 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: PSI 2115DP v200403jgv1 Amount: \$1,833.33 |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. |
| High VHF - High Power Side Mount One Station horizontally polarized | Component Description: PSI 2115DP v200403jgv1 Amount: \$12,166.66 |
| Sweep test of existing antenna | Information not provided. |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | Information not provided. |

| | |
|--|---|
| High VHF - High Power Side Mount One Station horizontally polarized | <div> Component Description: PSI 2114 v201118jgv1 </div> <div> Amount: \$70,666.67 </div> |
| | <div> Component Description: PSI 2114DP v200403jgv1 </div> <div> Amount: \$35,333.33 </div> |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | <div> Component Description: PSI 2114 v201118jgv1 </div> <div> Amount: \$3,666.66 </div> |
| | <div> Component Description: PSI 2114DP v200403jgv1 </div> <div> Amount: \$1,833.33 </div> |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | Information not provided. |
| Sweep test of existing antenna | <div> Component Description: RF SS 6282 v201119jgv1 </div> <div> Amount: \$1,324.00 </div> |
| | <div> Component Description: RF SS 6865 v201119jgv1 </div> <div> Amount: \$1,524.00 </div> |

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 |
|---|-----------------------------|----------------|---|----------------|---------------------------|
| Interim Transmission Line | \$71,760.00 | \$68,340.00 | | \$4,500.00 | |
| Sweep Test | \$4,500.00 | \$4,500.00 | See attached / uploaded PDF file titled "Murlatt WHYY200316R v200820jgv1.pdf" | \$4,500.00 | N/A |
| Flexible Air Transmission Line - dielectric, 3" | \$67,260.00 | \$63,840.00 | N/A | N/A | N/A |
| Primary Transmission Line | \$6,400.00 | \$6,400.00 | | \$0.00 | |
| Sweep Tests | \$6,400.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$78,160.00 | \$74,740.00 | N/A | \$4,500.00 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Sweep Test | <div>Component Description: Murlatt WHYY200316R v200820jgv1</div> <div>Amount: \$4,500.00</div> |
| Flexible Air Transmission Line - dielectric, 3" | Information not provided. |

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|-------------|---------------------------|
| Sweep Tests | 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 | \$662,800.00 | \$991,363.40 | | \$791,363.40 | |
| GTOWER | | | | | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$26,820.00 | Costs provided by tower owner American Tower | \$26,820.00 | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$759,543.40 | See attached / uploaded PDF files titled "Train 17768 v200101jgv1.pdf" and "Train 17936 v201119jgv1.pdf" | \$759,543.40 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | N/A | N/A |

| | | | | | |
|------------------------------|----------------|----------------|--|----------------|-----|
| Capital Contribution | \$5,000.00 | \$5,000.00 | See attached / uploaded PDF file titled "Amer Twr 460227706 v200820jgv1.pdf" | \$5,000.00 | N/A |
| Sub-total | \$662,800.00 | \$991,363.40 | N/A | \$791,363.40 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | N/A |

Components

| Actual Information | |
|---|--------------------------------|
| Description | File Name |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Component Description: |
| | Amer Twr 460222426 v200406jgv1 |
| | Amount: |
| | \$16,345.00 |
| | Component Description: |
| | Amer Twr 460222425 v200406jgv1 |
| | Amount: |
| | \$10,475.00 |

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|---|--|
| Major tower reinforcement /modifications | <div> <div> Component Description: Train 17811 v200402jgv1 </div> <div> Amount: \$200,000.00 </div> </div> <div> <div> Component Description: Train 17768 v200101jgv1 </div> <div> Amount: \$547,439.83 </div> </div> <div> <div> Component Description: Train 17936 v201119jgv1 </div> <div> Amount: \$12,103.57 </div> </div> |
| Tall Tower (greater than 500') | Information not provided. |
| Capital Contribution | <div> <div> Component Description: Amer Twr 460227706 v200820jgv1 </div> <div> Amount: \$5,000.00 </div> </div> |

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 | \$232,281.20 | \$192,236.13 | | \$46,984.90 | |
| Other Legal Services | <i>\$6,505.20</i> | \$6,505.20 | Other Legal Services related to the station's DTV Repack | \$5,756.40 | Form is displaying "The Sub-total is greater than Estimated Cost. Please provide an explanation for the difference in costs." which is incorrect as both are \$6,505.20 |
| Additional Field Engineering Service, 20 Days | <i>\$20,000.00</i> | \$20,000.00 | moved 20,000 - half of original funds - into new category Other Engineering Services 1-15-19 | 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 | N/A | N/A |

| | | | | | |
|---|------------|------------|-----|------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$634.50 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,718.00 | N/A | \$1,718.00 | 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 | \$2,310.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$660.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$0.00 | N/A |

| | | | | | |
|--|--------------------|-------------|---|-------------|-----|
| Prepare and or review reimbursement form | \$2,630.00 | \$17,469.25 | The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed. | \$17,469.25 | N/A |
| Project management of the transition | \$41,396.00 | \$3,265.50 | This component is being used to apply expenses for such tasks as project management and Form 387 Transition Plan Progress Report preparation. | \$3,265.50 | N/A |
| Other Engineering Services | \$20,000.00 | \$20,000.00 | created new category 1-15-19 | \$15,130.00 | N/A |
| RF Exposure Measurements | \$21,050.00 | \$15,000.00 | Cost provided by tower owner American Tower | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$75,528.18 | See attached / uploaded PDF file titled "KGA 952-94 v201118jgv1.pdf" | \$0.00 | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | \$41.25 | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | 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 |
| Sub-total | \$232,281.20 | \$192,236.13 | N/A | \$46,984.90 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | N/A |

Components

| Actual Information | |
|----------------------|--|
| Description | File Name |
| Other Legal Services | <p>Component Description: Foster Garvey 2761046 v201118jgv1</p> <p>Amount: \$57.60</p> |

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|---|-------------------------------|---|
| | Component Description: | GSB 723063 v200415jgv1 |
| | Amount: | \$54.00 |
| | Component Description: | Foster Garvey 2765094 v201209jgv2 |
| | Amount: | \$518.40 |
| | Component Description: | Foster Garvey 2743705 v200819jgv1 |
| | Amount: | \$57.60 |
| | Component Description: | Foster Garvey 2751532 v200819jgv1 |
| | Amount: | \$1,728.00 |
| | Component Description: | Foster Garvey 2755908 v201210jgv2 |
| | Amount: | \$115.20 |
| | Component Description: | Foster Garvey 2750389 v200918jgv2 |
| | Amount: | \$1,958.40 |
| | Component Description: | Foster Garvey 2757894 v200819jgv1 |
| | Amount: | \$1,267.20 |
| | Component Description: | Foster Garvey 2757894 v200819jgv1 |
| | Amount: | \$1,267.20 |
| Additional Field Engineering Service, 20 Days | Information not provided. | |

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|--|---|---|
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. | |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Legal preparation, review and filing of CP application for WHYY \$331.50 Legal preparation, review and filing of construction permit application of main facility for WHYY \$117.00 Legal preparation, review and filing of CP application for Main facility for WHYY \$634.50 |
| Prepare request for Special Temporary Authorization | Component Description: Amount: | KGA 952-82 v200819jgv1 \$1,553.00 L Will 2020-02098 v200820jgv1 \$165.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | |

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|---|--|-------------------------------|--|----------------|------------|-------------------------------|-------------------------------|----------------|----------|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td>Component Description:</td><td>Prepare engineering section of FCC 2100 (main) Construction Permit Application for WHYY</td></tr> <tr> <td>Amount:</td><td>\$1,320.00</td></tr> </table> <table> <tr> <td>Component Description:</td><td>L Will 2019-02064 v190523jgv1</td></tr> <tr> <td>Amount:</td><td>\$990.00</td></tr> </table> | Component Description: | Prepare engineering section of FCC 2100 (main) Construction Permit Application for WHYY | Amount: | \$1,320.00 | Component Description: | L Will 2019-02064 v190523jgv1 | Amount: | \$990.00 |
| Component Description: | Prepare engineering section of FCC 2100 (main) Construction Permit Application for WHYY | | | | | | | | |
| Amount: | \$1,320.00 | | | | | | | | |
| Component Description: | L Will 2019-02064 v190523jgv1 | | | | | | | | |
| Amount: | \$990.00 | | | | | | | | |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td>Component Description:</td><td>Perform engineering study for new channel assignment and antenna development for WHYY</td></tr> <tr> <td>Amount:</td><td>\$660.00</td></tr> </table> | Component Description: | Perform engineering study for new channel assignment and antenna development for WHYY | Amount: | \$660.00 | | | | |
| Component Description: | Perform engineering study for new channel assignment and antenna development for WHYY | | | | | | | | |
| Amount: | \$660.00 | | | | | | | | |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <table> <tr> <td>Component Description:</td><td>Address transition timing and coordination issues w/ other stations and wireless providers</td></tr> <tr> <td>Amount:</td><td>\$58.50</td></tr> </table> | Component Description: | Address transition timing and coordination issues w/ other stations and wireless providers | Amount: | \$58.50 | | | | |
| Component Description: | Address transition timing and coordination issues w/ other stations and wireless providers | | | | | | | | |
| Amount: | \$58.50 | | | | | | | | |
| <p>Prepare and or review reimbursement form</p> | <table> <tr> <td>Component Description:</td><td>Legal review of Schedule 399 for reimbursement budget for WHYY</td></tr> <tr> <td>Amount:</td><td>\$250.50</td></tr> </table> | Component Description: | Legal review of Schedule 399 for reimbursement budget for WHYY | Amount: | \$250.50 | | | | |
| Component Description: | Legal review of Schedule 399 for reimbursement budget for WHYY | | | | | | | | |
| Amount: | \$250.50 | | | | | | | | |

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| Component Description: | Legal review and advice related to Sched 399 reimbursement form WHYY |
| Amount: | \$540.00 |

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| Component Description: | KGA 952-93 v201118jgv1 |
| Amount: | \$2,500.00 |

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| Component Description: | KGA 952-76 v200820jgv1 |
| Amount: | \$5,425.00 |

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| Component Description: | KGA 952-71 v200819jgv1 |
| Amount: | \$100.00 |

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| Component Description: | KGA 952-60 v200402jgv1 |
| Amount: | \$1,375.00 |

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|-------------------------------|------------------------|
| Component Description: | KGA 952-19 v191206jgv1 |
| Amount: | \$463.75 |

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| Component Description: | KGA 952-38 v200415jgv1 |
| Amount: | \$50.00 |

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| Component Description: | KGA 952-37 v191206jgv1 |
| Amount: | \$665.00 |

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| Component Description: | Prepare reimbursement form 399 for WHY Y |
| Amount: | \$2,500.00 |

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| Component Description: | KGA 952-95 v201118jgv1 |
| Amount: | \$200.00 |

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| Component Description: | KGA 952-86 v200820jgv1 |
| Amount: | \$575.00 |

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| Component Description: | KGA 952-69 v200819jgv1 |
| Amount: | \$50.00 |

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| Component Description: | Review of Sched 399 for reimbursement budget equally split between WHY Y and WDPB |
| Amount: | \$253.50 |

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| Component Description: | KGA 952-47 v200402jgv1 |
| Amount: | \$725.00 |

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| Component Description: | KGA 952-54 v200402jgv1 |
| Amount: | \$350.00 |

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| Component Description: | KGA 952-79 v200820jgv1 |
| Amount: | \$825.00 |

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| | Component Description: | | KGA 952-52 v200402jgv1 |
| | Amount: | | \$175.00 |
| | Component Description: | | Legal review of Sched 399 for reimbursement budget for WHY Y |
| | Amount: | | \$136.50 |
| | Component Description: | | KGA 952-90 v201118jgv1 |
| | Amount: | | \$700.00 |
| | | | |
| | Component Description: | | Atty review of form 387 progress report WHY Y |
| | Amount: | | \$39.00 |
| Project management of the transition | Component Description: | | KGA 952-97 v201118jgv1 |
| | Amount: | | \$150.00 |
| | Component Description: | | KGA 952-73 v200820jgv1 |
| | Amount: | | \$150.00 |
| | Component Description: | | KGA 952-66 v200820jgv1 |
| | Amount: | | \$150.00 |
| | Component Description: | | KGA 952-21 v191206jgv1 |
| | Amount: | | \$150.00 |

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| Component Description: | KGA 952-40 v200415jgv1 |
| Amount: | \$150.00 |

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| Component Description: | KGA 952-27 v191206jgv1 |
| Amount: | \$150.00 |

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| Component Description: | KGA 952-88 v200820jgv1 |
| Amount: | \$150.00 |

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| Component Description: | KGA 952-48 v200402jgv1 |
| Amount: | \$150.00 |

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| Component Description: | Quarterly progress report WHY |
| Amount: | \$225.00 |

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| Component Description: | Legal review of Schedule 387 3Q2017 for WHY |
| Amount: | \$39.00 |

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| Component Description: | Atty review of Form 387 progress report WHY |
| Amount: | \$367.50 |

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| Component Description: | KGA 952-96 v201118jgv1 |
| Amount: | \$150.00 |

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| | Component Description: | Prepare and file Form 387 for 3Q2017 WHYY |
| | Amount: | \$300.00 |
| | Component Description: | KGA 952-87 v200820jgv1 |
| | Amount: | \$150.00 |
| | Component Description: | Preparation of 399 amendment and and submission of actual cost invoices for WHYY |
| | Amount: | \$570.00 |
| | Component Description: | Prepare form 387 progress report WHYY |
| | Amount: | \$225.00 |
| <hr/> | | |
| Other Engineering Services | Component Description: | Processing Actual Cost Invoices |
| | Amount: | \$1,562.50 |
| | Component Description: | L Will 2019-02070 v200617jgv2 |
| | Amount: | \$82.50 |
| | Component Description: | KGA 952-83 v200820jgv1 |
| | Amount: | \$375.00 |
| | Component Description: | KGA 952-81 v200820jgv1 |
| | Amount: | \$100.00 |

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| Component Description: | KGA 952-55 v200402jgv1 |
| Amount: | \$225.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-45 v200402jgv1 |
| Amount: | \$3,550.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-56 v200402jgv1 |
| Amount: | \$1,425.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-49 v200402jgv1 |
| Amount: | \$925.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-13 v190523pmv2 |
| Amount: | \$150.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-43 v200415jgv1 |
| Amount: | \$1,850.00 |

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| Component Description: | L Will 2019-02063 v191206jgv1 |
| Amount: | \$3,217.50 |

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| Component Description: | L Will 2019-02075 v200716jgv3 |
| Amount: | \$330.00 |

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|-------------------------------|---------------------------|
| Component Description: | KGA 952-36 v191206jgv1 |
| Amount: | \$3,025.00 |

| | |
|--|---|
| | <p>Component Description: KGA 952-14 v190523pmv2</p> <p>Amount: \$150.00</p> |
| | <p>Component Description: KGA 952-80 v200820jgv1</p> <p>Amount: \$1,050.00</p> |
| | <p>Component Description: L Will 2019-02083 v200417jgv1</p> <p>Amount: \$330.00</p> |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | <p>Component Description: KGA 952-94 v201211jgv2</p> <p>Amount: \$75,528.18</p> |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| ASR modification (prepare FCC Form 854) | <p>Component Description: L Will 2020-02088 v200519jgv2</p> <p>Amount: \$41.25</p> |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | 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 | \$191,429.50 | \$186,393.00 | | \$56,697.48 | |
| WHYY Legal Fee | <i>\$3,500.00</i> | \$3,500.00 | Amended 12-19-17 Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf | \$2,821.98 | N/A |
| Other Transaction Fees | <i>\$6,300.00</i> | \$6,300.00 | Amended 12-19-17 Bank Fees, Other Transaction Fees Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf | \$13.50 | N/A |
| Interest | <i>\$19,281.00</i> | \$19,281.00 | Amended 12-19-17 Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf | \$0.00 | N/A |

| | | | | | |
|--|--------------------|-------------|---|-------------|-----|
| Bank Fees | \$10,000.00 | \$10,000.00 | Amended 12-19-17 Bank Fees, Transaction Fee \$4,000 & Legal Fee \$6,000. Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf | N/A | N/A |
| American Tower Temporary Site License | \$38,400.00 | \$38,400.00 | See attached /uploaded PDF file titled "Amer Twr 406783458 v191210jgv1. pdf" | \$38,400.00 | N/A |
| MVPD Notification of Channel Change | \$3,308.50 | \$3,308.50 | See attached / uploaded PDF files titled "KGA 952-65 v200819jgv1. pdf", "KGA 952-67 v200819jgv1. pdf" and "KGA 952- 72 v200820jgv1. pdf" | \$3,308.50 | N/A |
| Develop and air announcement of upcoming channel change | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Equipment Storage | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|--------------------|----------------|--|----------------|-----|
| Equipment Delivery and Handling Charges | \$25,000.00 | \$25,000.00 | N/A | \$4,200.00 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |
| Non-zoning permits | \$10,150.00 | \$10,150.00 | Costs provided by tower owner American Tower | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$7,953.50 | N/A | \$7,953.50 | N/A |
| AM Pattern Disturbance -- Remedy | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| AM Pattern Disturbance -- Impact study | \$7,890.00 | \$7,500.00 | N/A | N/A | N/A |
| Sub-total | \$191,429.50 | \$186,393.00 | N/A | \$56,697.48 | N/A |
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | N/A | \$1,213,583.77 | N/A |

Components

Actual Information
Description

File Name

| | | |
|---------------------------------------|-------------------------------|--|
| WHYY Legal Fee | Component Description: | 50 percent share of Legal fees for line of credit |
| | Amount: | \$1,410.99 |
| | Component Description: | 50 percent share of Legal Fees for line of credit |
| | Amount: | \$1,410.99 |
| Other Transaction Fees | Component Description: | Band Debit for loan commitment fee for line of credit |
| | Amount: | \$4,000.00 |
| | Component Description: | Courier services in connection with establishing a line of credit WHYY |
| | Amount: | \$13.50 |
| Interest | Information not provided. | |
| Bank Fees | Information not provided. | |
| American Tower Temporary Site License | Component Description: | Amer Twr 406783458 v191210jgv1 |
| | Amount: | \$38,400.00 |

| | | |
|--|---|---|
| MVPD Notification of Channel Change | Component Description: Amount: | KGA 952-72 v200820jgv1 \$927.50 |
| | Component Description: Amount: | KGA 952-65 v200819jgv1 \$1,851.00 |
| | Component Description: Amount: | KGA 952-67 v200819jgv1 \$530.00 |
| Develop and air announcement of upcoming channel change | Information not provided. | |
| Equipment Storage | Information not provided. | |
| Equipment Delivery and Handling Charges | Component Description: Amount: | PSI 2114 v201118jgv1 \$4,200.00 |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. | |
| Non-zoning permits | Information not provided. | |
| DTV Medical Facility Notification | Component Description: Amount: | KGA 952-64 v200819jgv1 \$7,953.50 |
| AM Pattern Disturbance -- Remedy | Information not provided. | |
| AM Pattern Disturbance -- Impact study | Information not provided. | |

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$1,737,652.17 | \$2,007,831.99 | \$1,213,583.77 |

Reimbursement Status

| Question | Response |
|--|----------|
| The facility has ceased operating on its pre-auction channel. | Yes |
| 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>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>04/01/2021</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>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>04/01/2021</p> |

Attachments