

(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 **07/06**

Submitted: /2017

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|------------------------------------|---|----------------------|-----------------------|--------------------|
| WHYY, INC. Doing Business As: WHYY | KYRA G. MCGRATH 150 N 6TH STREET PHILADELPHIA, PA 19106 United States | +1 (215) 351-1200 | kmcgrath@whyy. org | Not-for- Profit |

Reimbursement Contact Name and Information Reimbursement Contact Information

| Applicant | Address | Phone | Email | |
|----------------|---------|-------|-------|--|
| [Confidential] | | | | |

Preparer Contact Information

Preparer Contact Name and Information

| Robert GehmanRobert Gehman+1 (352)bob@kesslerandgehman.ConsultingEngineer507 NW 60332-3157comKessler and GehmanStreetAssociates, Inc.Suite DGainesville, FL32607 | Applicant | Address | Phone | Email |
|--|--|--|-------|------------------------------|
| United States | ConsultingEngineer Kessler and Gehman | 507 NW 60 Street Suite D Gainesville, FL 32607 | ` , | 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

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

Primary Transmitter

Existing Transmitter Information

| Section | Question | Response |
|----------------------------------|--|-------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter | Manufacturer | |
| Manufacturer and Type | Model | DTT3M |
| | Year | 2010 |
| | Туре | 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 | TBD |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 3.5 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 |
| | Туре | 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 leashold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| | | |

Primary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|-------------------------------|--|
| Additional Interior RF System | Interior RF System Existing Transmitter to Interim Transmission line |
| Standby Exciter and Switch | Standby Exciter with Automatic Change Over Switch |

Antennas

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

Primary Antenna

Existing Antenna Information

| Section | Question | Response |
|--------------------------|--|-----------------|
| Existing Antenna | Type of change | Purchase New |
| Description | 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 | Class | Full Power |
| Manufacturer and Type | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 30.0 kW |
| | Manufacturer | |
| | | |

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

Primary Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------|--|--------------------|
| New Antenna | Use | Primary (Main) |
| Description | 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 | Class | Full Power |
| Manufacturer and Types | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 30.0 kW |
| | Manufacturer | |
| | Model | TBD |
| | 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? | No |
| | Туре | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | 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 |

Other Antenna Cost Not Listed

Primary
Antenna Other Antenna Cost
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 | Class | Full Power |
| Manufacturer and Type | Mounting | Side Moun |
| | Antenna position in stack | Not in Stac |
| | Polarization | Horizontal |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 30.0 kW |
| | Manufacturer | |
| | Model | TBD |
| | 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

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

Primary Transmission

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 |
| | Туре | 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

Other Transmission Line Expenses Not Listed

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

Interim Transmissi

New Transmission Line

| on Line Section | Question | Response |
|-----------------------|-------------------------|----------------------|
| New Transmission Line | Use | Interim |
| Costs | Description of Use | N/A |
| | Change Type | Purchase New |
| | Туре | 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.

Other Transmission Line Expenses Not Listed Interim Transmission Line Expenses Not Listed Interim Interior 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

Existing Tower

| Existing Tower Description | Type of change Tower Use Description of Use | Modify Existing Primary (Main) N/A |
|--------------------------------|---|------------------------------------|
| Description | 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 | Do you have a tower registration number? | Yes |
| Structure Registration | ASR Number | 1027110 |
| Coordinates (NAD83 (| Latitude (NAD83) | 40° 02' 30.9" N- |
| North American Datum of 1983)) | 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 |
| 24.0 00.101.401.04 | 3 17 17 2000 |

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

Outside Professional

| Section | Question | Response |
|--|--|---|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 199 |
| | 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 | Prepare and file Form FCC Construction Permit Application | Yes |
| Services | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | 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 Expenses Not Listed
Professional Services ©qstsided.

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? | 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 Not Listed

Expenses Information not provided.

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 TBD | \$321,450.00 | \$310,500.00 | | \$0.00 | |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| Transformer 3 phase/480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |
| High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW | \$152,500.00 | \$145,000.00 | N/A | N/A | N/A |
| Additional Interior RF System | \$75,000.00 | \$75,000.00 | N/A | N/A | N/A |
| Standby Exciter and Switch | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |
| Sub-total | \$321,450.00 | \$310,500.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

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 TBD | \$222,740.00 | \$220,800.00 | | \$0.00 | |
| 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 |
| 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 |
| High VHF - High Power Side Mount One Station horizontally polarized | \$180,000.00 | \$180,000.00 | N/A | 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 | \$22,000.00 | N/A | N/A | N/A |
| Primary Antenna TBD | \$222,740.00 | \$220,800.00 | | \$0.00 | |

| High VHF - High Power Side Mount One Station horizontally polarized | \$180,000.00 \$6,730.00 | \$180,000.00 | N/A | N/A | N/A |
|--|----------------------------|----------------|-----|--------|-----|
| | \$6,730.00 | | | | |
| Sweep test of existing antenna | | \$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 |
| 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 |
| 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 | \$445,480.00 | \$441,600.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

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 | \$67,260.00 | \$63,840.00 | | \$0.00 | |
| 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 | \$73,660.00 | \$70,240.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

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 | \$657,800.00 | \$625,000.00 | | \$0.00 | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$25,000.00 | N/A | N/A | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$400,000.00 | N/A | N/A | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | N/A | N/A |
| Sub-total | \$657,800.00 | \$625,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

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 | \$215,822.00 | \$206,600.00 | | \$0.00 | |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | 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 |
| Project management of the transition | \$31,442.00 | \$29,850.00 | N/A | 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | 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 |
|---|------------|------------|-----|-----|-----|
| 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 request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | 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 | 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 - 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 request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |

| Comprehensive coverage verification via field study, if needed \$84,200.00 \$80,000.00 N/A N/A N/A RF Exposure Measurements \$21,050.00 \$20,000.00 N/A N/A N/A Additional Field Engineering Service, 20 Days \$40,000.00 \$40,000.00 N/A N/A N/A Sub-total \$215,822.00 \$206,600.00 N/A \$0.00 N/A Total for all systems \$1,821,702.00 \$1,759,440.00 N/A \$0.00 N/A | | | | | | |
|---|---|----------------|----------------|-----|--------|-----|
| Measurements Additional Field Engineering Service, 20 Days \$40,000.00 \$40,000.00 N/A N/A N/A N/A Sub-total \$215,822.00 \$206,600.00 N/A \$0.00 N/A Total for all \$1,821,702.00 \$1,759,440.00 N/A \$0.00 N/A | coverage verification via field study, if | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Engineering Service, 20 Days \$215,822.00 \$206,600.00 N/A \$0.00 N/A Total for all \$1,821,702.00 \$1,759,440.00 N/A \$0.00 N/A | | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| Total for all \$1,821,702.00 \$1,759,440.00 N/A \$0.00 N/A | Engineering | \$40,000.00 | \$40,000.00 | N/A | N/A | N/A |
| | Sub-total | \$215,822.00 | \$206,600.00 | N/A | \$0.00 | N/A |
| | | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

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 | \$107,490.00 | \$105,500.00 | | \$0.00 | |
| AM Pattern Disturbance Impact study | \$7,890.00 | \$7,500.00 | N/A | N/A | N/A |
| AM Pattern Disturbance Remedy | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| Non-zoning permits | \$5,000.00 | \$5,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | \$50,000.00 | \$50,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$0.00 | \$0.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | \$2,000.00 | \$2,000.00 | N/A | N/A | N/A |
| Sub-total | \$107,490.00 | \$105,500.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | N/A | \$0.00 | N/A |

Components

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|-------------|
| Total for all systems | \$1,821,702.00 | \$1,759,440.00 | \$0.00 |

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

Section Question Response

Submission of Estimated Expenses Statements

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

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

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. KYRA G.
MCGRATH
EXECUTIVE
VP AND
COO

07/06/2017

Attachments