



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **23930** | Service: **DTV** | Call **WACS-TV** | Channel:
ID: | Sign:
7 (High VHF) | File **0000027606**
Number:
FRN: **0001844976** | Date **12/03**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|-----------------------------|-----------------------|----------------------|
| GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION | Adam Woodlief 260 14TH ST NW ATLANTA, GA 30318 United States | +1 (404) 685- 2410 | awoodlief@gpb. org | Government Entity |

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</i> <i>Associates, Inc.</i> | 507 NW 60th Street Suite D Gainesville, FL 32607 United States | +1 (252) 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 | | Map and analyze tower; modify if needed. Replace transmitter and antenna. Add interim antenna and line for continuous operation during primary antenna replacement and for the duration of the assigned phase. |

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 | PTCD 5P1 |
| | Year | 2008 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1.8 kW |

**Primary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|---|--|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | HPTV-PRLX-V7 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 10.1 kW |
| | Justification for New Transmitter | Manufacturer of existing transmitter advises that the existing transmitter cannot be re-tuned. |

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

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 | Top 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) | 4.7 kW |
| | | |

| | |
|--------------|-------------------|
| Manufacturer | |
| Model | THV-5A8 R C170 |
| Year | 2008 |

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 | Top 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) | 4.7 kW |
| | Manufacturer | |
| | Model | TBD |
| | Year | 2018 |

| | | |
|--|-------------------------------|--|
| | Justification for New Antenna | Single channel antenna cannot accommodate assigned channel |
|--|-------------------------------|--|

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|----------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| 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) | 4.7 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. |
|--|-------------------------------|---|

Interim Antenna

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|----------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for 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 | ERI |
| | Type | Flexible Air |
| | Diameter | 3 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1040 feet per run |

Primary Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|------------|--|
| Sweep Line | Sweep line for suitability 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 | 1010 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. |

| Interim | Other Transmission Line Expenses Not Listed |
|-------------------|---|
| Transmission Line | Information not provided. |

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|--|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | No |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1018782 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 31° 56' 12.4" N- |
| | Longitude (NAD83) | 084° 33' 12.8" W- |
| | Overall Structure Height | 1095.79 feet |
| | Support Structure Height | 1044.93 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 473.09 feet |
| | | |

| | |
|------------------|--|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION |
| Date Constructed | 03/07/2016 |

Other Types of Users

Users

GBI

FBI

GA Forestry

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
Information not provided.

**Outside
Professional**

| Section | Question | Response |
|---|--|---|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 60 |
| | 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 | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | Yes |

| | |
|----------------|---|
| Number of Days | 22 |
| 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 already included in a pre-established OPS section. |
| Other Legal Services | Legal services not already included in a pre-established OPS section. |

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| Facility Expenses | Name | N/A |
| | Other Distributed Transmission System Expenses Not listed | N/A |
| | Name | N/A |
| | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| Permit and Filing Costs | Local Zoning | No |
| | Non-zoning permits | No |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | FCC Special Temporary Authority Application | No |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | 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 |
|-------------------------------|--|-------------------------------|
| Electrical Design | | Electrical Design |
| System Design and Site Survey | | System Design and Site Survey |
| Electrical Work | | Electrical Work |

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 HPTV-PRLX-V7 | \$616,450.00 | \$276,045.00 | | \$110,545.00 | |
| Additional Interior RF System | <i>\$75,000.00</i> | \$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 |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| Standby Exciter and Switch | <i>\$25,000.00</i> | \$25,000.00 | 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 - Liquid Cooled Solid State Transmitter 8.5 . 12.5 kW | \$447,500.00 | \$110,545.00 | See attached / uploaded file "Comark S10459-1 v190912jgv1" | \$110,545.00 | N/A |
| Sub-total | \$616,450.00 | \$276,045.00 | N/A | \$110,545.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Additional Interior RF System | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Switchgear - industrial 800 amp | Information not provided. |
| Standby Exciter and Switch | Information not provided. |
| Transformer 3 phase/480v - 150 KVA | Information not provided. |
| High VHF - Liquid Cooled Solid State Transmitter 8.5 . 12.5 kW | Component Description: Comark S10459-1 v190912jgv1 Amount: \$110,545.00 |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| Interim Antenna TBD | \$215,140.00 | \$213,400.00 | | \$0.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| High VHF - High Power Side Mount One Station horizontally polarized | <i>\$180,000.00</i> | \$180,000.00 | 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 |
| 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 | \$331,730.00 | \$331,400.00 | | \$0.00 | |

| | | | | | |
|--|---------------------|----------------|-----|--------------|-----|
| High VHF - High Power Top Mount One Station horizontally polarized | \$325,000.00 | \$325,000.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$546,870.00 | \$544,800.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | N/A |

Components

Information not provided.

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Interim Transmission Line | \$59,590.00 | \$56,560.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$59,590.00 | \$56,560.00 | N/A | N/A | N/A |
| Primary Transmission Line | \$6,400.00 | \$6,400.00 | | \$0.00 | |
| Sweep Line | <i>\$6,400.00</i> | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$65,990.00 | \$62,960.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | N/A |

Components

Information not provided.

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|--|--------------|---------------------------|
| Primary Tower GTOWER | \$657,800.00 | \$639,500.00 | | \$238,000.00 | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$39,500.00 | See attached / uploaded PDF files titled "TEP 395922 v200415jgv1.pdf", "TEP 443202 v200617jgv1.pdf" and "TEP 458570 v201203jgv1.pdf" | \$39,500.00 | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$400,000.00 | N/A | \$198,500.00 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$657,800.00 | \$639,500.00 | N/A | \$238,000.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | 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: TEP 395922
v200415jgv1
Amount: \$12,000.00

Component Description: TEP 369151
v200305jgv1
Amount: \$9,500.00

Component Description: TEP 458570
v201203jgv1
Amount: \$3,500.00

Component Description: TEP 388003
v200303jgv1
Amount: \$9,500.00

Component Description: TEP 443202
v200617jgv1
Amount: \$1,500.00

Component Description: TEP 373507
v200305jgv1
Amount: \$3,500.00

| | |
|---|---|
| Major tower reinforcement /modifications | Component Description: TEP 419764 v200615jgv1 Amount: \$20,000.00 |
| | Component Description: TEP 466789 v201203jgv1 Amount: \$20,000.00 |
| | Component Description: TEP 466791 v201203jgv1 Amount: \$20,000.00 |
| | Component Description: TEP 466792 v201203jgv1 Amount: \$5,000.00 |
| | Component Description: TEP 466790 v201203jgv1 Amount: \$20,000.00 |
| | Component Description: TEP 466788 v201203jgv1 Amount: \$20,000.00 |
| | Component Description: TEP 470385 v201203jgv1 Amount: \$3,500.00 |
| | Component Description: TEP 419765 v200615jgv1 Amount: \$90,000.00 |
| Tall Tower (greater than 500') | Information not provided. |

Cost
Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|---|-------------|---------------------------|
| Outside Professional Services | \$116,400.00 | \$121,428.00 | | \$45,460.00 | |
| Other Legal Services | <i>\$10,000.00</i> | \$10,000.00 | N/A | \$7,392.00 | N/A |
| Other Engineering Services | <i>\$20,000.00</i> | \$20,000.00 | Cost estimate for other engineering services such as RF calculations, evolving transition plan calculations, bid spec prep / distribution / award recommendation / etc and discussion, etc. | \$16,450.00 | N/A |
| Additional Field Engineering Service, 22 Days | <i>\$42,000.00</i> | \$42,000.00 | 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 |

| | | | | | |
|---|------------|------------|-----|------------|-----|
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | 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 |
| 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 | \$1,540.00 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,553.00 | N/A | \$1,553.00 | 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 | \$2,500.00 | N/A |

| | | | | | |
|--|----------------|----------------|---|--------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$3,500.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$9,480.00 | \$9,000.00 | N/A | \$2,400.00 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$10,125.00 | The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed. | \$10,125.00 | N/A |
| Sub-total | \$116,400.00 | \$121,428.00 | N/A | \$45,460.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | N/A |

Components

| Actual Information Description | File Name |
|-----------------------------------|-----------|
| Other Legal Services | |

| | |
|-------------------------------|--|
| Component Description: | WACS amount. Refer to May matter summary for all 5 sites.Refer to letter and attachments uploaded by GPB 8.2.18 |
| Amount: | \$154.00 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 32751 v201201jgv1 |
| Amount: | \$1,655.50 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 30910 v200213jgv1 |
| Amount: | \$231.00 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 31273 v200213jgv1 |
| Amount: | \$77.00 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 32892 v201201jgv1 |
| Amount: | \$4,427.50 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 33048 v201201jgv1 |
| Amount: | \$38.50 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 32599 v201201jgv1 |
| Amount: | \$77.00 |

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|-------------------------------|--------------------------|
| Component Description: | GMP 32418 v200617pmv1 |
| Amount: | \$192.50 |

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|----------------------------|-------------------------------|--|
| | Component Description: | WACS amount. Refer to Jan-Apr matter summary for all 5 sites.Refer to letter and attachments uploaded by GPB 8.2.18 |
| | Amount: | \$38.50 |
| | Component Description: | WACS amount. Refer to GMP master summary invoice WACS with attached invoice. |
| | Amount: | \$38.50 |
| | Component Description: | WACS amount. Refer to GMP master summary invoice WACS with attached invoice. |
| | Amount: | \$115.50 |
| | Component Description: | WACS amount. Refer to GMP master summary invoice WACS with attached invoice. |
| | Amount: | \$38.50 |
| | Component Description: | Repack Prep of Legal Invoices |
| | Amount: | \$77.00 |
| | Component Description: | GMP 30377 v190702pmv1 |
| | Amount: | \$231.00 |
| Other Engineering Services | | |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-871 v201202jgv1 |
| Amount: | \$675.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-882 v201201jgv1 |
| Amount: | \$925.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-816 v200922jgv1 |
| Amount: | \$325.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-630 v190620pmv1 |
| Amount: | \$2,475.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-673 v200213jgv1 |
| Amount: | \$1,700.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-825 v200922jgv1 |
| Amount: | \$475.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-857 v201201jgv1 |
| Amount: | \$250.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-850 v201202jgv1 |
| Amount: | \$1,750.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-738 v200213jgv1 |
| Amount: | \$400.00 |

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|---|-------------------------------|----------------------------|
| | Component Description: | KGA 554-605 v190620pmv1 |
| | Amount: | \$500.00 |
| | Component Description: | KGA 554-639 v190702pmv1 |
| | Amount: | \$1,450.00 |
| | Component Description: | KGA 554-701 v200213jgv1 |
| | Amount: | \$1,500.00 |
| | Component Description: | KGA 554-731 v200213jgv1 |
| | Amount: | \$125.00 |
| | Component Description: | KGA 554-666 v200213jgv1 |
| | Amount: | \$1,500.00 |
| | Component Description: | KGA 554-722 v200213jgv1 |
| | Amount: | \$1,250.00 |
| | Component Description: | KGA 554-606 v190620pmv1 |
| | Amount: | \$675.00 |
| | Component Description: | KGA 554-774 v200609jgv1 |
| | Amount: | \$475.00 |
| Additional Field Engineering Service, 22 Days | Information not provided. | |

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|--|--|
| 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) | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| 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 | <div> <div> Component Description: </div> <div> WACS amount. Refer to GMP master summary invoice WACS with attached invoice. Refer to letter and attachments from GPB 8.2.18 </div> </div> <div> <div> Amount: </div> <div> \$385.00 </div> </div> <div> <div> Component Description: </div> <div> WACS amount. Refer to GMP master summary invoice WACS with attached invoice. Refer to letter and attachments uploaded by GPB 8.2.18 </div> </div> <div> <div> Amount: </div> <div> \$1,155.00 </div> </div> |
| Prepare request for Special Temporary Authorization | <div> <div> Component Description: </div> <div> KGA 554-837 v201203jgv1 </div> </div> <div> <div> Amount: </div> <div> \$1,553.00 </div> </div> |

| | | |
|--|---|---|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Prepare engineering section of Form 2100 (main) construction permit application \$2,500.00 |
| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Perform engineering study for new channel assignment \$3,500.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Project management of the transition | Component Description: Amount: | KGA 554-748 v200609jgv1 \$150.00 |
| | Component Description: Amount: | Project management Bob Gehman \$225.00 |
| | Component Description: Amount: | KGA 554-791 v200617pmv1 \$150.00 |
| | Component Description: Amount: | KGA 554-862 v201203jgv1 \$150.00 |

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| Component Description: | KGA 554-596 v190624pmv2 |
| Amount: | \$150.00 |

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| Component Description: | KGA 554-710 v200213jgv1 |
| Amount: | \$150.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-865 v201203jgv1 |
| Amount: | \$150.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-596 v190620pmv1 |
| Amount: | \$150.00 |

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| Component Description: | Project management Bob Gehman |
| Amount: | \$225.00 |

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| Component Description: | Form 387 4Q18 |
| Amount: | \$150.00 |

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| Component Description: | KGA 554-896 v201203jgv1 |
| Amount: | \$150.00 |

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| Component Description: | Form 387 2Q18 |
| Amount: | \$150.00 |

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| Component Description: | KGA 554-659 v200213jgv1 |
| Amount: | \$150.00 |

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| | Component Description: | Project management Bob Gehman |
| | Amount: | \$300.00 |
| | Component Description: | Form 387 3Q18 |
| | Amount: | \$150.00 |
| Prepare and or review reimbursement form | Component Description: | KGA 554-851 v201202jgv1 |
| | Amount: | \$2,790.00 |
| | Component Description: | KGA 554-796 v200617pmv1 |
| | Amount: | \$625.00 |
| | Component Description: | KGA 554-782 v200617pmv1 |
| | Amount: | \$750.00 |
| | Component Description: | KGA 554-705 v200213jgv1 |
| | Amount: | \$450.00 |
| | Component Description: | KGA 554-603 v190620pmv1 |
| | Amount: | \$275.00 |
| | Component Description: | KGA 554-680 v200213jgv1 |
| | Amount: | \$725.00 |
| | Component Description: | Prepare and review reimbursement form |
| | Amount: | \$2,500.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-765 v200609jgv1 |
| Amount: | \$625.00 |

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|-------------------------------|----------------------------|
| Component Description: | KGA 554-655 v200609jgv1 |
| Amount: | \$360.00 |

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| Component Description: | KGA 554-806 v200921jgv1 |
| Amount: | \$150.00 |

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| Component Description: | KGA 554-890 v201203jgv1 |
| Amount: | \$875.00 |

Cost Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|-------------------------------------|-----------------------------|---------------------|--|--------------------|---------------------------|
| Other Expenses | \$165,780.00 | \$157,405.00 | | \$92,405.00 | |
| Electrical Work | <i>\$66,640.00</i> | \$66,640.00 | See attached / uploaded PDF file titled "All-State 3713 v200415jgv1.pdf" | \$66,640.00 | N/A |
| System Design and Site Survey | <i>\$15,300.00</i> | \$15,300.00 | See attached / uploaded file "Comark 12831 v190912jgv1.pdf" | \$15,300.00 | N/A |
| Electrical Design | <i>\$4,160.00</i> | \$4,160.00 | See attached / uploaded PDF file titled "NBP Eng 18188 v200303jgv1.pdf" | \$4,160.00 | N/A |
| MVPD Notification of Channel Change | <i>\$3,130.00</i> | \$3,130.00 | See attached / uploaded PDF files titled "KGA 554-792 v200626jgv1.pdf" and "KGA 554-836 v200922jgv1.pdf" | \$3,130.00 | N/A |

| | | | | | |
|--|--------------------|----------------|---|--------------|-----|
| Develop and air announcement of upcoming channel change | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | \$33,000.00 | \$33,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$16,000.00 | \$16,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$3,175.00 | See attached / uploaded PDF file titled "KGA 554-793 v200626jgv1.pdf" | \$3,175.00 | N/A |
| Equipment Storage | \$16,000.00 | \$16,000.00 | N/A | N/A | N/A |
| Sub-total | \$165,780.00 | \$157,405.00 | N/A | \$92,405.00 | N/A |
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | N/A | \$486,410.00 | N/A |

Components

| Actual Information | |
|--------------------|---|
| Description | File Name |
| Electrical Work | <p>Component Description: All-State 3713 v200415jgv1</p> <p>Amount: \$66,640.00</p> |

| | |
|--|--|
| System Design and Site Survey | Component Description: Comark 12831 v190912jgv1 Amount: \$15,300.00 |
| Electrical Design | Component Description: NBP Eng 18188 v200320jgv2 Amount: \$4,160.00 |
| MVPD Notification of Channel Change | Component Description: KGA 554-792 v200626jgv1 Amount: \$1,878.00 Component Description: KGA 554-836 v200922jgv1 Amount: \$1,252.00 |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Delivery and Handling Charges | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| DTV Medical Facility Notification | Component Description: KGA 554-793 v200626jgv1 Amount: \$3,175.00 |
| Equipment Storage | Information not provided. |

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$2,169,290.00 | \$1,802,138.00 | \$486,410.00 |

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>12/03/2020</p> |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | 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). | |
| | | <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>12/03/2020</p> |

Attachments