

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility ID: File Number: | 13991 00000 | Service: DTV 24801 | Call Sign: | WFIE | Channel: 26 (UHF) |
|------------------------------------|----------------|-----------------------|----------------|------|--------------------------|
| FRN: 00 | 18223693 | Date Submitted: | 09/08 /2020 | | |

Applicant Name, Type, and Contact Information

Information

| Gray Television4370 Peachtree+1 (812)allfcclms@gray.LimitedLicensee, LLCRoad, NE426-1414tvLiabilityDoing Business As:Atlanta, GACompanyWFIE30319United States | Applicant | Address | Phone | Email | Applicant Type |
|---|-------------------------------------|----------------------------------|-------|-------|-------------------|
| | Licensee, LLC Doing Business As: | Road, NE Atlanta, GA 30319 | | 0,1 | Liability |

Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer | | | | |
|------------------------|--|---------|-------|-------|
| Contact Information | Applicant | Address | Phone | Email |
| | The Preparer is same as the reimbursement contact. | | | |

| Broadcaster | Question | Response |
|-------------|----------|----------|
| Information | | |
| and | | |
| Transition | | |
| Plan | | |

| 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 | Install side mount interim antenna and connect to existing tx line Station will reuse existing antenna and install new main transmission line. |

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

| Auxiliary | Add Transmitter Information | | | | | |
|-------------|-------------------------------------|--|-----------------------|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | Existing Transmitter Description | Type of change | Purchase New | | | |
| | | Use | Auxiliary (Backup) | | | |
| | | Description of Use | Emergency Backup | | | |
| | | 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 | Ranger | | | |
| | | Year | 2009 | | | |
| | | Туре | Solid State | | | |
| | | Solid State Cooling | Air Cooled | | | |
| | | Solid State Power Capacity | 1.1 kW | | | |

| Auxiliary | New Transmitter Costs | | | | |
|-------------|-----------------------|---|--|--|--|
| Transmitter | Section | Question | Response | | |
| | New Transmitter | Use | Auxiliary (Backup) | | |
| | Change Type | Change Type | Purchase New | | |
| | | Is this a request for upgraded equipment? | No | | |
| | | Manufacturer | | | |
| | | Model | UAXTE-2 | | |
| | | Transmitter Type | Solid State | | |
| | | Solid State Cooling | Air Cooled | | |
| | | Solid State Power capacity | 1.1 kW | | |
| | | Justification for New Transmitter | Existing Transmitter can not be retuned Manufacturers letter attached | | |

Auxiliary Other Transmitter Costs

| Transmitter | 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 | No |
| | | Size | N/A |
| | | Length | N/A |
| | | 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 |

AuxiliaryOther Transmitter Cost Not ListedTransmitterInformation not provided.

| Primary | Existing Transmitter Information | | | | |
|-------------|-------------------------------------|--|-------------------|--|--|
| Transmitter | 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 | | |
| | another station? | Is this transmitter currently shared with another station? | No | | |
| | | Is this transmitter currently in operating condition? | Yes | | |
| | Existing Transmitter | Manufacturer | | | |
| | Manufacturer and Type | Model | Diamond | | |
| | | Year | 2002 | | |
| | | Туре | Solid State | | |
| | | Solid State Cooling | Air Cooled | | |
| | | Solid State Power Capacity | 10 kW | | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | |
|-------------|-----------------------|---|--|
| Transmitter | Section | Question | Response |
| | New Transmitter | Use | Primary (Main) |
| | | Change Type | Purchase New |
| | | Is this a request for upgraded equipment? | No |
| | | Manufacturer | |
| | | Model | ULXTE-16 |
| | | Transmitter Type | Solid State |
| | | Solid State Cooling | Liquid Cooled |
| | | Solid State Power capacity | 10.3 kW |
| | | Justification for New Transmitter | Existing transmitter can not be retuned Manufacturers letter attached |

Primary Other Transmitter Costs

| Transmitter | 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 | No |
| | | Size | N/A |
| | | Length | N/A |
| | | 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 Other Transmitter Cost Not Listed

Transmitter Information not provided.

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

Add Antenna Information

Primary

| Antenna | Section | Question | Response |
|---------|---|---|--------------------|
| | Existing Antenna Description | Type of change | Retune Existing |
| | | Antenna Use | Primary (Main) |
| | | Description of Use | N/A |
| | | Ownership | Owned |
| | | Owner | N/A |
| | | Site | N/A |
| | | Is this antenna currently shared with any other stations? | No |
| | | Is this antenna directional? | No |
| | | Is antenna in operating condition? | Yes |
| | | Is antenna located on or in close proximity to an antenna farm? | No |
| | Existing Antenna Manufacturer and Type | Class | Full Power |
| | | Mounting | Top Mount |
| | | Antenna position in stack | Not in Stack |
| | | Polarization | Horizontal |
| | | Туре | Broadband Panel |
| | | Number of Stations Supported | 1 |
| | | Number of Panels | 16 |
| | | Design power capacity in use | 50.0 % |
| | | Lower Limit | 470.00 MHz |

| Upper Limit | 668.00 MHz |
|---------------------------------|------------------------------|
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 168.0 kW |
| Manufacturer | Andrew (ABD) |
| Model | ABBP16H4- HTO-4-14 /46 |
| Year | 2003 |

Adjustment to Existing Antenna Primary Antenna Section Question Response Do you need a sweep test of existing Yes **Sweep Test of Existing** Antenna antenna?

Other Antenna Costs Primary

Antenna Section Question Response **Combiner for Shared** Do you need a Combiner for a Shared No Antenna Antenna? Туре Number of channels supported N/A Frequencies of channels supported N/A Frequency

Other Antenna Cost Not Listed Primary

Antenna Information not provided.

| Interim | New Antenna Costs | | | | |
|---------|-------------------------|--|-------------------|--|--|
| Antenna | 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 Mount | | |
| | | Antenna position in stack | Not in Stack | | |
| | | Polarization | Horizontal | | |
| | | Туре | Broadband Slot | | |
| | | Number of Stations Supported | 1 | | |
| | | Number of Panels/Bays | 8 | | |
| | | Lower Limit | 470.00 MHz | | |
| | | Upper Limit | 608.00 MHz | | |
| | | Design power capacity in use | 25.0 % | | |
| | | Other Antenna Type | N/A | | |
| | | ERP: (Effective Radiated Power) | 229.0 kW | | |
| | | Manufacturer | | | |
| | | Model | TFU-WB8 | | |
| | | Year | 2019 | | |

| Justification for New Antenna |
|-------------------------------|

Other Antenna Costs

Interim Antenna

| 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? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Interim Other Antenna Cost Not Listed

Antenna Information not provided.

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

| Auxiliary | Add Transmission Line | | | | |
|-------------|--|--|---|--|--|
| Transmissio | n Line Section | Question | Response | | |
| | Existing Transmission Line Description | Type of change | Purchase New | | |
| | | Use | Auxiliary (Backup) | | |
| | | Description of Use | Auxiliary transmission line for auxiliary transmitter | | |
| | | Ownership | Owned | | |
| | | Owner | N/A | | |
| | | Site | N/A | | |
| | | Is this transmission currently shared with any other stations? | No | | |
| | | Is Transmission Line in operating condition? | Yes | | |
| | Existing Transmission Line Manufacturer and Type | Manufacturer | | | |
| | | Туре | Rigid | | |
| | | Diameter | 6 1/8 inches | | |
| | | Other Diameter | N/A | | |
| | | Segment Length | Broadband | | |
| | | Other Segment Length | N/A | | |
| | | Number of parallel runs | 1 | | |
| | | Length | 925 feet per run | | |

| Auxiliary | New Transmission Line | | | |
|-------------|--------------------------------|---|---|--|
| Transmissio | n Line Section | Question | Response | |
| | New Transmission Line Costs | Use | Auxiliary (Backup) | |
| | | Description of Use | NEW Auxiliary transmission line | |
| | | Change Type | Purchase New | |
| | | Is this a request for upgraded equipment? | No | |
| | | Туре | Rigid | |
| | | Diameter | 6 1/8 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | Broadband | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 925 feet per run | |
| | | Justification for New Transmission Line | Existing transmission line will not work on the post repack Channel 26. Analysis info attached. Existing line to be used as interim. | |

Other Transmission Line Expenses Not Listed Auxiliary Transmission to provided.

| ransmissio | Section | Question | Response |
|------------------------|---|--|---------------------|
| | Existing Transmission Line Description | Type of change | Purchase New |
| | | Use | Primary (Main) |
| | | Description of Use | N/A |
| | | Ownership | Owned |
| | | Owner | N/A |
| | | Site | N/A |
| | | Is the existing transmission line shared with another station or stations? | No |
| | | Is Transmission Line in operating condition? | Yes |
| | Existing Transmission | Manufacturer | |
| Line Manufactı Type | Line Manufacturer and Type | Туре | Rigid |
| | | Diameter | 7 3/16 inches |
| | | Other Diameter | N/A |
| | | Segment Length | Broadband |
| | | Other Segment Length | N/A |
| | | Number of parallel runs | 1 |
| | | Length | 925 feet per run |

Primary Existing Transmission Line

| Primary | New Transmission Line | | | |
|-------------|--------------------------------|---|---|--|
| Transmissio | section | Question | Response | |
| | New Transmission Line Costs | Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase New | |
| | | Is this a request for upgraded equipment? | No | |
| | | Туре | Rigid | |
| | | Diameter | 6 1/8 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | 20 inches | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 925 feet per run | |
| | | Justification for New Transmission Line | Existing transmission line will not work on the post repack Channel 26. Analysis info attached. Existing line to be used as interim. | |

Primary Other Transmission Line Expenses Not Listed Transmission

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

| marv | Existing | Tower |
|------|----------|-------|
|------|----------|-------|

| Primary | Existing Tower | | | |
|---------|---|---|----------------------|--|
| 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? | No | |
| | | One or more FM, AM or TV radio broadcaster(s) | N/A | |
| | | Others Types of Users | N/A | |
| | | Is tower documented for structural analysis? | Yes | |
| | | Is tower compliant with Rev G? | No | |
| | Existing Tower Structure Registration | Do you have a tower registration number? | No | |
| | | ASR Number | | |
| | Coordinates (<u>NAD83</u> (North American Datum of 1983)) | Latitude (NAD83) | 37° 53' 14.2" N- | |
| | | Longitude (NAD83) | 087° 31' 07.0" W- | |
| | | Overall Structure Height | 949.14 feet | |
| | | Support Structure Height | 873.02 feet | |
| | | Ground Elevation Above Mean Sea Level (AMSL) | 499.99 feet | |
| | | | | |

| Structure Type | TOWER - Free Standing or Guyed Structure |
|------------------|--|
| Tower Owner | WFIE, LLC |
| Date Constructed | 05/01/1977 |

Primary Tower Section Ouestion

| Section | Question | Response |
|----------------------|--|---|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor Reinforcements needed |

Primary Tower Rigging Costs

Tower

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

Primary Other Tower Expenses Not Listed

Tower Information not provided.

| Outside Professional | Section | Question | Response |
|-------------------------|--|--|---|
| | I Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | | Number of Hours | 595 |
| | | Explanation | Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal 399 Prep |
| | 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 | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | No |
| | Address transition timing and coordination issues w/ other stations and wireless providers | No |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | Yes |
| | Number of Days | 1 |
| | Justification | System Sweep |

| Outside | Other Professional Services Expenses Not Listed | | |
|--------------|---|--------------------|--|
| Professional | Services Costs | Description | |
| | Security | Equipment Security | |

| 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)? | No |
| | | 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 Not Listed

| Other Expenses | Other Expenses Not Listed | | |
|-------------------|---------------------------|-------------------|--|
| | Name | Description | |
| | Road repairs | Site road repairs | |

Transmitters

Cost Information

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

| | . | | Estimated | | |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Description | Predetermined Cost Estimate | Estimated Cost | Cost Justification | Actual Cost | Actual Cost Justification |
| Primary Transmitter ULXTE-16 | \$558,250.00 | \$480,187.34 | | \$408,998.11 | |
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00 | \$419,587.34 | see Estimated Cost Justification WFIE-110- 1st Primary Transmitter - UHF Liquid Cooled Solid State, 8.2-13 kW V0 | \$408,998.11 | N/A |
| Auxiliary Transmitter UAXTE-2 | \$189,750.00 | \$121,092.80 | | \$58,942.30 | |
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,000.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |

| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$60,792.80 | Quote attached (GA- 00020810) | \$58,942.30 | N/A |
|---|----------------|----------------|--|--------------|-----|
| Sub-total | \$748,000.00 | \$601,280.14 | N/A | \$467,940.41 | N/A |
| Total for all systems | \$2,014,038.77 | \$1,531,413.16 | N/A | \$936,422.43 | N/A |

| Actual Information Description | File Name | |
|--|-----------------------------------|---|
| Transformer 3 phase/480v - 150 KVA | Information not provided. | |
| Switchgear - industrial 800 amp | Information not provided. | |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | Component Description: Amount: | A. Transmitter \$92,512.03 |
| | Component Description: Amount: | A. Transmitter \$26,496.64 |
| | Component Description: Amount: | ULXTE-16-E \$191,561.43 |
| | Component Description: Amount: | Transmitter \$59,056.81 |
| | Component Description: | ULXTE-16-E per Quote GA- 00021469 |
| | Amount: | \$39,371.20 |
| Transformer 3 phase/480v - 150 KVA | Information not provided. | |

| Switchgear - industrial 800 amp | Information not provided. | |
|--|-----------------------------------|--|
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Component Description: Amount: | UAXTE-2-R37 \$27,026.51 |
| | Component Description: | Transmitter, Masl Filtration Saystem, Electrical, |
| | Amount: | Installation & Roc \$7,891.62 |
| | Component Description: Amount: | UAXTE-2-R37 \$5,444.84 |
| | Component Description: Amount: | A. Transmitter \$13,318.25 |
| | Component Description: Amount: | UAXTE-2-E \$5,261.08 |

Antennas

Cost Information

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

| Description Interim Antenna TFU-WB8 | Predetermined Cost Estimate \$219,380.00 | Estimated Cost \$51,870.15 | Estimated Cost Justification | Actual Cost \$40,393.65 | Actual Cost Justification |
|--|--|----------------------------------|---|----------------------------|------------------------------|
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$44,925.00 | Please see the attached invoice from Dielectric #MAN00010 | \$33,448.50 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$0.00 | included in quote | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,945.15 | Per invoices received | \$6,945.15 | а |
| Primary Antenna ABBP16H4- HTO-4-14 /46 | \$6,730.00 | \$6,400.00 | | \$0.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$0.00 | N/A |
| Sub-total | \$226,110.00 | \$58,270.15 | N/A | \$40,393.65 | N/A |

| Actual Information Description | File Name | |
|---|-----------------------------------|---|
| UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized | Component Description: Amount: | Antenna, elbow complex, reducer, transmission line, transformer, repack sweep \$5,574.75 |
| | Component Description: Amount: | Antenna, Elbow Complex, Reducer, Transformer, On- Site Engineer \$27,873.75 |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. | |
| Sweep test of existing antenna | Component Description: Amount: | Interim antenna sweep test \$640.00 |
| | Component Description: Amount: | Interim Antenna - Sweep Test \$3,200.00 |
| | Component Description: | Travel, Field Service, Meals & Lodging |
| | Amount: | \$3,105.15 |

| Sweep test of existing | Inform |
|------------------------|--------|
| antenna | |

Transmission Line

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|---|--------------|------------------------------|
| Primary Transmission Line | \$186,850.00 | \$148,816.50 | | \$114,418.29 | |
| Rigid Transmission Line - copper, 6 1/8" | \$186,850.00 | \$148,816.50 | Quote attached | \$114,418.29 | N/A |
| Auxiliary Transmission Line | \$214,600.00 | \$133,285.60 | | \$16,298.56 | |
| Rigid Transmission Line - copper, 6 1 /8" broadband | \$214,600.00 | \$133,285.60 | Please see the attached invoice from Dielectric #MAN00008 | \$16,298.56 | N/A |
| Sub-total | \$401,450.00 | \$282,102.10 | N/A | \$130,716.85 | N/A |
| Total for all systems | \$2,014,038.77 | \$1,531,413.16 | N/A | \$936,422.43 | N/A |

| Actual Information Description | File Name | |
|---|-----------------------------------|---|
| Rigid Transmission Line - copper, 6 1/8" | Component Description: Amount: | Rigid transmission line \$78,213.75 |

| Component Description: Amount: | WFIE-310-Primary Transmission Line - Rigid Copper, 6 1 /8" \$525.20 |
|-----------------------------------|---|
| Component Description: Amount: | T/L 6-75 EIA LENGTH 10' TO 15? FIXED FLG \$1,288.61 |
| Component Description: Amount: | Primary Transmission Line - Rigid Copper, 6 1 /8" \$1,842.75 |
| Component Description: Amount: | Dehydrator 3200IM 115/60 PSI /KPA \$15,165.58 |
| Component Description: Amount: | Rigid transmission line \$13,328.56 |
| Component Description: Amount: | Rigid transmission line \$14,881.65 |
| Component Description: Amount: | Freight, shipping and handling \$2,324.19 |
| Component Description: Amount: | Freight, shipping, and handling \$2,500.75 |

| Rigid Transmission Line - copper, 6 1/8" broadband | Component Description: | OTHER FREIGHT, SHIPPING, AND |
|---|-----------------------------------|------------------------------------|
| | Amount: | HANDLING \$2,970.00 |
| | Component Description: Amount: | Aux Trans Line \$13,328.56 |

Tower Equipment and Rigging Costs

Cost Information

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 TOWER | \$381,100.00 | \$354,500.00 | | \$204,500.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$190,000.00 | Tower King II, Inc. Proposal #C-18-069 | \$190,000.00 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$14,500.00 | FDH Velocitel invoices 134561 & 127305. Tower King II, Inc. invoice 3180 | \$14,500.00 | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$381,100.00 | \$354,500.00 | N/A | \$204,500.00 | N/A |
| Total for all systems | \$2,014,038.77 | \$1,531,413.16 | N/A | \$936,422.43 | N/A |

| Actual Information | |
|--------------------|-----------|
| Description | File Name |

| Tall Tower (greater than 500') | Component Description: | Tower Sonvice | |
|---|-----------------------------------|---|--|
| | Component Description: | Tower Service - Final Balance Installation and removal of transmission line | |
| | | for the FCC Repack project on the 932' G-7 WFIE | |
| | Amount: | guyed tower \$125,000.00 | |
| | Component Description: Amount: | Down Payment \$65,000.00 | |
| Structural engineering tower load study for well documented tower | Component Description: Amount: | Structural analysis \$2,500.00 | |
| | Component Description: | Tower Service - Mapping of WFIE for Repack - | |
| | Amount: | Facility ID # 13991 \$5,500.00 | |
| | Component Description: | STNLSA STNL Structural Analysis | |
| | Amount: | \$2,000.00 | |
| | Component Description: | STNLSA STNL Structural Analysis | |
| | Amount: | \$2,000.00 | |
| | Component Description: Amount: | Structural analysis \$2,500.00 | |
| Minor tower reinforcement /modifications | Information not provided. | | |

Outside Professional Services

Cost Information

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 | \$222,370.00 | \$208,852.00 | | \$86,845.19 | |
| Security | \$12,210.00 | \$12,210.00 | N/A | \$12,210.00 | 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 | \$2,000.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$3,266.66 | N/A |
| Project management of the transition | \$94,010.00 | \$144,675.00 | Widelity Strategic Support Quote | \$68,997.69 | N/A |
| Additional Field Engineering Service, 1 Days | \$6,500.00 | \$6,500.00 | N/A | N/A | N/A |

| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$21,717.00 | per SixArms quote #QU17179 | 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 | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | \$370.84 | N/A |
| Sub-total | \$222,370.00 | \$208,852.00 | N/A | \$86,845.19 | N/A |
| Total for all systems | \$2,014,038.77 | \$1,531,413.16 | N/A | \$936,422.43 | N/A |

Components

| Actual Information Description | File Name | |
|-----------------------------------|-------------------------------|----------|
| Security | | |
| | Component Description: | Security |
| | Amount: | \$360.00 |
| | | |

| Component Description: | Security |
|------------------------|----------------|
| Amount: | \$180.00 |
| Component Description: | Tower Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$90.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |

| Component Description: | Security |
|------------------------|----------|
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |

| Component Description: | Security |
|------------------------|----------|
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$150.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |

| Component Description: | Security |
|------------------------|----------|
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |
| Component Description: | Security |
| Amount: | \$270.00 |
| Component Description: | Security |
| Amount: | \$180.00 |
| Component Description: | Security |
| Amount: | \$360.00 |

| | Component Description: Amount: | Security \$360.00 |
|---|-----------------------------------|---|
| | Component Description: Amount: | Security \$180.00 |
| 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: | Preparation of Engineering Section FCC form 2100 |
| | Amount: | \$2,000.00 |

| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Repack Engineering \$591.66 |
|--|-----------------------------------|--|
| | Component Description: | Engineering study work for new channel assignment and antenna |
| | Amount: | development. \$125.00 |
| | Component Description: | WFIE-530-RF Eng - Engineering Study for New Channel Assignment |
| | Amount: | Assignment \$1,625.00 |
| | Component Description: | Consulting Engineer |
| | Amount: | \$150.00 |
| | Component Description: | Engineering study work for new channel assignment and antenna |
| | Amount: | development. \$500.00 |
| | Component Description: | Discussions regarding transition to repack Ch-26. |
| | Amount: | \$275.00 |
| Project management of the transition | | |

| Component Description: Amount: | Project Management \$2,379.55 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Management \$1,580.65 |
| Component Description: Amount: | Project Management \$3,032.15 |
| Component Description: Amount: | Project Management \$2,137.45 |
| Component Description: Amount: | Project Management \$71.86 |
| Component Description: Amount: | Project Management \$2,459.95 |
| Component Description: Amount: | Project Management \$94.97 |
| Component Description: Amount: | Project Management \$2,845.90 |
| Component Description: Amount: | Project Management \$2,288.55 |

| Component Description: Amount: | Project Management \$7,271.20 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Management \$38.50 |
| Component Description: Amount: | Project Management \$2,364.40 |
| Component Description: Amount: | Project Management \$3,691.30 |
| Component Description: Amount: | Project Management \$477.41 |
| Component Description: Amount: | Project Management \$369.60 |
| Component Description: Amount: | Project Management \$5,649.65 |
| Component Description: Amount: | Project Management \$2,292.10 |
| Component Description: Amount: | Project Management \$2,383.45 |

| Component Description: Amount: | Project management \$2,704.25 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Management \$2,917.00 |
| Component Description: Amount: | Project Management \$100.10 |
| Component Description: Amount: | Project Management \$3,705.75 |
| Component Description: Amount: | Project Management \$1,954.45 |
| Component Description: Amount: | Project Management \$2,674.10 |
| Component Description: Amount: | Project Management \$2,532.65 |
| Component Description: Amount: | Project Management \$2,931.00 |
| Component Description: Amount: | Project Management \$2,825.55 |

| | Component Description: Amount: | Project Management \$2,488.75 |
|---|-----------------------------------|---|
| | Component Description: Amount: | Project Management \$2,735.45 |
| Additional Field Engineering Service, 1 Days | Information not provided. | |
| Comprehensive coverage verification via field study, if needed | 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 | Information not provided. | |
| Prepare request for Special Temporary Authorization | Component Description: | WFIE-530-RF En - Special Temporary Authorization |
| | Amount: | \$370.84 |

Other Expenses

Cost Information

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 Justificatior |
|--|--------------------------------|-------------------|---|-------------|------------------------------|
| Other Expenses | \$35,008.77 | \$26,408.77 | | \$6,026.33 | |
| Road repairs | \$2,638.77 | \$2,638.77 | Please see the attached invoice from Mitchell Trucking and Excavating, LLC # 2073 | \$2,587.30 | N/A |
| MVPD Notification of Channel Change | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$2,850.00 | \$2,850.00 | estimate for on air rescan announcement production Quote attached | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$2,950.00 | Group quote attached | \$2,950.00 | N/A |
| Equipment Storage | \$15,000.00 | \$15,000.00 | Estimate for Dielectric on site antenna storage Dielectric letter attached | \$489.03 | N/A |
| Equipment Delivery and Handling Charges | \$2,970.00 | \$2,970.00 | On site forklift rental estimate Representative quote attached | N/A | N/A |
| Sub-total | \$35,008.77 | \$26,408.77 | N/A | \$6,026.33 | N/A |

| Total for all | \$2,014,038.77 | \$1,531,413.16 | N/A | \$936,422.43 | N/A |
|---------------|----------------|----------------|-----|--------------|-----|
| systems | | | | | |

Components

| Actual Information Description | File Name | |
|---|-----------------------------------|--|
| Road repairs | Component Description: Amount: | 6 loads of rock to wathen lane tower 4 loads of dense grade 2 loads of # 8 \$2,587.30 |
| MVPD Notification of Channel Change | Information not provided. | |
| Develop and air announcement of upcoming channel change | Information not provided. | |
| DTV Medical Facility Notification | Component Description: Amount: | Medical Notification \$2,950.00 |
| Equipment Storage | Component Description: Amount: | 11/2/2018 Delivery Tow Fee - Henderson \$489.03 |
| Equipment Delivery and Handling Charges | Information not provided. | |

| Cost Information | Grand Total | | | | |
|---------------------|-----------------------|--------------------------------|----------------|--------------|--|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost | |
| | Total for all systems | \$2,014,038.77 | \$1,531,413.16 | \$936,422.43 | |

| 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 |

| Certification | 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. | |
| | | 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. 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).
- 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 above- named applicant for the Authorization(s) specified above. | Robert Folliard , III Assistant Secretary 09/08/2020 |

| 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 IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733). | |
| | | 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).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

| 8. | The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. | |
|-----------------|---|--|
| 9. | The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested. | |
| an aut namec | rre, under penalty of perjury, that I am horized representative of the above- I applicant for the Authorization(s) ed above. | Robert Folliard , III Assistant Secretary 09/08/2020 |

Attachments

.....