

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 14040 Service: DTV Call **KRMA-TV** Channel: 33 (UHF) Sign:

ID:

File 0000027982

Number:

FRN: **0001615582** Date 05/21

> Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-----------------------------|------------------------|--------------------|
| ROCKY MOUNTAIN PUBLIC MEDIA, INC. Doing Business As: ROCKY MOUNTAIN PUBLIC MEDIA, INC. | DOUG HOUSTON 1089 BANNOCK STREET DENVER, CO 80204 United States | +1 (303) 892- 6666 | doughouston@rmpbs. org | Not-for- Profit |

Reimbursement Contact Name and Information Reimbursement Contact Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|---|-----------------------|------------------------|
| James Schoedler KRMA Repack Project Manager JB Schoedler Associates LLC | 1069 S Downing Street Denver, CO 80209 United States | +1 (303) 725- 9043 | jschoedler@usa. net |

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 | To transition from CH 18 to CH 33 KRMA must replace its main antenna, transmission line, RF switching, main and backup transmitters. An interim antenna on the new channel will be used during replacement of the main antenna. |

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

| Section | Question | Response |
|----------------------------------|--|-----------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Low Power 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 | Innovator LX |
| | Year | 2009 |
| | Туре | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 3 kW |

Auxiliary Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|--|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | UAXTE- 6R44 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 3.6 kW |
| | Justification for New Transmitter | KRMA originally requested funds to retune the existing Axcera transmitter, but after submitting sample rf modules to UBS /Axcera for re-tuning, the company has advised that due to the age and design of the modules the re- tuning will not be possible. |

Auxiliary Transmitter

Other Transmitter Costs

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

Auxiliary

Other Transmitter Cost Not Listed

Transmitter Information not provided.

Primary Transmitter

Existing Transmitter Information

| Section | Question | Response |
|----------------------------------|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter | Manufacturer | |
| Manufacturer and Type | Model | Power CD |
| | Year | 2009 |
| | Туре | Inductive Output Tube |
| | IOT Power Type | Single |
| | Power Capacity | 30 kW |

Primary Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|--|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | ULXTE-50 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 31.7 kW |
| | Justification for New Transmitter | Refer to attached Transition Plan exhibit. |

Primary Transmitter

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------------------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 150 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 1 inches |
| | Length | 1.0 feet |
| | Other Electrical Service | Yes |
| | Description | Disconnection of existing. |

| HVAC Service Does the replacement transmitter require HVAC Service? Type N/A Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A Channel 14 Costs Does the Transmitter Building require an addition, modification, other leashold improvement? Size N/A Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is additional field engineering time needed? N/A | | | |
|--|--------------------------|--|-----|
| Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is a channel 14 Mask Filer needed? N/A | HVAC Service | · | No |
| Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size No No Addition, modification, other leashold improvement? Size N/A Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is a channel 14 Mask Filer needed? N/A | | Туре | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement Size No No Addition/Modification or Leasehold Improvement Size N/A Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is a channel 14 Mask Filer needed? N/A | | Size | N/A |
| Addition/Modification or Leasehold Improvement addition, modification, other leashold improvement? Size N/A Channel 14 Costs Is an RF Consulting Engineer needed? N/A Is a channel 14 Mask Filer needed? N/A | | Other Size | N/A |
| Channel 14 Costs Is an RF Consulting Engineer needed? Is a channel 14 Mask Filer needed? N/A | Addition/Modification or | addition, modification, other leashold | No |
| Is a channel 14 Mask Filer needed? N/A | | Size | N/A |
| | Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| Is additional field engineering time needed? N/A | | Is a channel 14 Mask Filer needed? | N/A |
| 16 dddillondi fiold originooring time flooded. | | Is additional field engineering time needed? | N/A |
| Number of Days N/A | | Number of Days | N/A |

Primary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|-------------|--|
| Site Survey | Engineering visit to specify transmitter installation. |

Antennas

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

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? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |

| Manufacturer | |
|--------------|-------------------------|
| Model | TFU-32DSC /VP-R C190 |
| Year | 2009 |

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? | Yes |
| New Antenna | Class | Full Power |
| Manufacturer and Types | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | Manufacturer | |
| | | 1 |

| Model | TFU-38DSC /VP-R C190 |
|-------------------------------|---|
| Year | 2018 |
| Justification for New Antenna | Existing antenna does not cover new channel |

Other Antenna Costs

| Section Question | | Response |
|--------------------------------|---|---------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Туре | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 6 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | No |

Other Antenna Cost Not Listed

| Name | Description |
|------------------------|--|
| Freight | Shipping from manufacturer to offload point in Denver. |
| Transportation to site | Transportation to site on 4-wheel drive road. |
| Installation | Removal of old antenna and installation of new. |

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? | Yes |
| New Antenna | Class | Class A |
| Manufacturer and Type | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Туре | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 115.0 kW |
| | Manufacturer | |
| | Model | SFN-2030- 5645-16 |
| | Year | 2019 |

| Justification for New Antenna | An existing RF |
|-------------------------------|-----------------|
| | Technologies |
| | CH 18 |
| | antenna |
| | planned for |
| | interim use |
| | was found to |
| | have a |
| | burned |
| | center |
| | conductor |
| | and shorting |
| | ring. It is not |
| | repairable |
| | and therefore |
| | a new |
| | interim |
| | antenna is |
| | needed to |
| | stay on the |
| | air during |
| | main |
| | antenna |
| | replacement. |

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? | 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 |

Interim Antenna

Other Antenna Cost Not Listed

| Name | Description |
|------------------------------------|---|
| Coaxial Switch for Interim Antenna | Dielectric 3 Port Coaxial Switch and Elbows needed to connect new interim antenna with transmitter RF system. |

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

Primary Transmission Line

Existing Transmission Line

| on Line Section | Question | Response |
|--|--|---------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission | Manufacturer | |
| Line Manufacturer and Type | Туре | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 379 feet per run |

Primary Transmi

New Transmission Line

| ansmissio | n Line Section | Question | Response |
|------------------------|---|--|-------------------|
| New Transmission Costs | 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 | 19 3/4 inches | |
| | | Other Segment Length | N/A |
| | | Number of parallel runs | 1 |
| | Length | 379 feet per run | |
| | Justification for New Transmission Line | Existing transmission line is not suitable for new channel | |

Primary

Other Transmission Line Expenses Not Listed

Transmission loine tion 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 | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | Yes |
| Existing Tower Structure | Do you have a tower registration number? | Yes |
| Registration | ASR Number | 1023484 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 39° 40' 17.4 N- |
| | Longitude (NAD83) | 105° 13' 08.0" W- |
| | Overall Structure Height | 273.95 feet |
| | Support Structure Height | 271.98 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 7685.60 fee |

| Structure Type | TOWER - Free Standing or |
|------------------|------------------------------------|
| | Guyed Structure |
| Tower Owner | Bear Creek Development Corporation |
| Date Constructed | 11/08/1988 |

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 57219 | KCEC | DTV |
| 83535 | KVOD | FM |

Other Types of Users

| Users | |
|-------------|--|
| 2-way radio | |
| Cellular | |

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|--|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | No reinforcements needed |

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

| Section | Question | Response |
|--|--|---|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 500 |
| | Explanation | Overall project management and coordination of procurement process. |
| 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 | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | No |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside
Other Professional Services Expenses Not Listed
Professional Services ©qstsided.

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 | Yes |
| | Non-zoning permits | No |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | FCC Special Temporary Authority Application | No |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | No |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

Other Expenses

Other Expenses Not Listed

| Name | Description |
|--|--|
| Electrical Design Engineering | Electrical requirements of new main and auxiliary transmitters require extensive electrical rework. Contractor requested drawings and panel schedules from an electrical designer. |
| Electrical Installation for Main and Backup Transmitters | Costs to install new 150 kVA transformer and power panels for new transmitters; electrical wiring of transmitters, pumps, and loads. |
| Interim CH 33 Antenna Installation | Costs for installation of new CH 33 interim antenna required to meet the Phase 2 deadline. |
| Interim Facility Transmission Line Upgrade | Larger transmission line is needed to increase ERP of interim facility to address lost coverage during transition. |
| Interim and Final Transmission Line Components | Transmission line components for interim and final configuration not covered elsewhere. |
| Replacement Coaxial Switching System | Dielectric has advised that re-use of the existing waveguide switching system is not practical. A replacement coaxial system is required instead. |
| Temporary Antenna Installation | A temporary antenna installation on the tower ice bridge is required during installation of the new antenna. |
| Glycol Recycling | Cost of recycling used glycol from decommissioned main transmitter. |

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 ULXTE-50 | \$927,232.34 | \$925,982.34 | | \$892,182.34 | |
| Site Survey | \$6,500.00 | \$6,500.00 | Site survey is required to determine plan for replacement transmitter installation. | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW | \$892,182.34 | \$892,182.34 | Estimated cost revised to reflect 2 change orders to original quote and to reflect actual shipping cost. Refer to GatesAir Invoice US0323277 for details. Estimate also increased to reflect cost of deionized water needed for cooling system. | \$892,182.34 | Estimated cost for ULXTE-50 Transmitter System revised on 4/17/2019 to reflect 2 change orders to original quote and to reflect actual shipping cost. |

| Transformer 3 phase/480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
|---|----------------|----------------|---|----------------|-----|
| 1" Rigid Conduit and Wiring | \$1,500.00 | \$1,500.00 | N/A | N/A | N/A |
| Other Electrical Service: Disconnection of existing. | \$1,500.00 | \$1,500.00 | N/A | N/A | N/A |
| Auxiliary Transmitter UAXTE-6R44 | \$169,061.70 | \$169,061.70 | | \$142,599.66 | |
| UHF - Air Cooled Solid State Transmitter 3.6 kW | \$169,061.70 | \$169,061.70 | See GatesAir quote Q- 63424 uploaded with this application. | \$142,599.66 | N/A |
| Sub-total | \$1,096,294.04 | \$1,095,044.04 | N/A | \$1,034,782.00 | N/A |
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | N/A | \$1,637,562.06 | N/A |
| | | | | | |

Components

| Actual Information Description | File Name |
|--------------------------------|---------------------------|
| Site Survey | Information not provided. |

UHF - Liquid Cooled Solid State Transmitter 31.7 kW

Component Description: 25% Payment

due 8/30/18 for main transmitter

Amount: \$214,271.29

Component Description: Payment due

after shipment of

equipment.

Amount: \$125,862.28

Component Description: Invoice #2 for

Main Transmitter - 25% installment due 5/30/2018

Amount: \$214,271.29

Component Description: Invoice for

payment due after

transmitter installation is complete.

Amount: \$120,294.89

Component Description: Initial payment

with order for ULXTE-50 Transmitter System

Amount: \$217,021.29

Component Description: Deionized water

provided for primary transmitter installation.

Amount: \$461.30

Transformer 3 phase/480v - 150 KVA

Information not provided.

| 1" Rigid Conduit and Wiring | Information not provided. | |
|--|---------------------------|-------------------|
| Other Electrical Service: Disconnection of existing. | Information not provided. | |
| UHF - Air Cooled Solid State | | |
| Transmitter 3.6 kW | Component Description: | 1/3 Down |
| | | Payment for |
| | | Auxiliary/Backup |
| | | Transmitter |
| | Amount: | \$55,620.57 |
| | Component Description: | Invoice for |
| | | payment due afte |
| | | shipment of |
| | | equipment. |
| | Amount: | \$31,358.52 |
| | Component Description: | 1/3 payment due |
| | | prior to shipping |
| | | for Auxiliary |
| | | /Backup |
| | | Transmitter |
| | Amount: | \$55,620.57 |

Cost Information

Antennas

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

| Description Interim Antenna SFN- 2030-5645-16 | Predetermined Cost Estimate \$75,507.00 | Estimated Cost \$75,327.00 | Estimated Cost Justification | Actual Cost \$72,909.50 | Actual Cost Justification |
|---|---|----------------------------------|---|----------------------------|------------------------------|
| Coaxial Switch for Interim Antenna | \$23,132.00 | \$23,132.00 | A coaxial switch is required to feed interim antenna from transmitter RF system. See Proposal 180177SM from Dielectric for costs. | \$23,132.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,550.00 | N/A | \$4,132.50 | N/A |
| UHF - Lower Power, Side Mount, Class A, basic slot antenna, 115 kW input, directional,, elliptically or circularly polarized | \$45,645.00 | \$45,645.00 | Updated estimated cost includes shipping billed on invoice C2186-B. | \$45,645.00 | N/A |
| Primary Antenna TFU- 38DSC/VP-R C190 | \$486,779.00 | \$446,069.00 | | \$358,177.10 | |

| Installation | \$79,850.00 | \$79,850.00 | Installation | N/A | N/A |
|-------------------------------|-------------|-------------|-----------------------|-----|-----|
| | | | cost determined | | |
| | | | by Rex | | |
| | | | Industries | | |
| | | | proposal | | |
| | | | 217-301 | | |
| | | | attached to | | |
| | | | Form 399. | | |
| Transportation | \$0.00 | \$0.00 | Included in | N/A | N/A |
| to site | | | antenna | | |
| | | | installation | | |
| | | | cost. | | |
| Pattern | \$5,260.00 | \$0.00 | This cost is | N/A | N/A |
| scatter | | | now | | |
| analysis for | | | included in | | |
| side mount | | | antenna base cost. | | |
| high/med power | | | มสจษ (USI. | | |
| antennas (if | | | | | |
| not included | | | | | |
| in antenna | | | | | |
| base cost) | | | | | |
| Side mount | \$23,150.00 | \$0.00 | This cost is | N/A | N/A |
| brackets for | | | now | | |
| high power | | | included in | | |
| antennas (if | | | antenna | | |
| not included | | | base cost. | | |
| in antenna | | | | | |
| base cost) | | | | | |
| Elbow | \$12,300.00 | \$0.00 | This cost is | N/A | N/A |
| complex, | | | now | | |
| single | | | included in antenna | | |
| channel, at antenna input, | | | base cost. | | |
| per 6 1/8. | | | Dase 0081. | | |
| feedline (if | | | | | |
| | | | | | |

| Sub-total | \$562,286.00 | \$521,396.00 | N/A | \$431,086.60 | N/A |
|----------------------------|--------------|--------------|-----------------------------|--------------|--------------|
| | | | (attached to Form). | | |
| | | | 6/22/17 | | |
| | | | email dated | | |
| | | | Dielectric | | |
| | | | provided in | | |
| | | | Colorado | | |
| | | | to Denver, | | |
| Freight | \$9,500.00 | \$9,500.00 | Freight Cost | \$1,458.10 | N/A |
| | | | shipping. | | |
| | | | including | | |
| | | | orders, not | | |
| | | | after change | | |
| | | | sales order | | |
| | | | Dielectric | | |
| | | | the current total of the | | |
| | | | line. This is | | costs colun |
| | | | transmission | | estimated |
| | | | and | | listed in th |
| | | | complex | | the categori |
| | | | elbow | | according t |
| | | | brackets, | | broken dow |
| polarized | | | side-mount | | are not |
| circularly | | | analysis, | | manufactur |
| elliptically or | | | scatter | | from the |
| directional,, | | | antenna, | | the invoice |
| input, | | | including | | antenna a |
| 1000 kW | | | in this line, | | to the |
| Mount, basic slot antenna, | | | now consolidated | | correspondi |
| Power, Side | | | items are | | are reporte |
| UHF - High | \$356,719.00 | \$356,719.00 | Several line | \$356,719.00 | Actual cost |

Components

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

| Coaxial Switch for Interim | | |
|---|-------------------------------|--------------------|
| Antenna | Component Description: | 50% payment due |
| | | with order. |
| | Amount: | \$11,566.00 |
| | Component Description: | 50% due prior to |
| | Component 2 coon phone | shipment. |
| | Amount: | \$11,566.00 |
| Sweep test of existing | | |
| antenna | Component Description: | Sweep testing of |
| | Component Description. | existing antenna |
| | | intended for |
| | | interim use during |
| | | main antenna |
| | | replacement. |
| | Amount: | \$4,132.50 |
| | | |
| UHF - Lower Power, Side Mount, Class A, basic slot | | |
| antenna, 115 kW input, | Component Description: | Final payment |
| directional,, elliptically or | | including shipping |
| circularly polarized | | for interim CH 33 |
| | | antenna. |
| | Amount: | \$23,247.50 |
| | Component Description: | 50% payment with |
| | | order |
| | Amount: | \$22,397.50 |
| Installation | Information not provided. | |
| Transportation to site | Information not provided. | |
| Pattern scatter analysis for | Information not provided. | |
| side mount high/med power | | |
| antennas (if not included in | | |
| antennas (if not included in antenna base cost) | | |
| , | Information not provided. | |
| antenna base cost) Side mount brackets for high power antennas (if not | Information not provided. | |
| antenna base cost) | Information not provided. | |

| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. | |
|---|---------------------------|---|
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | Component Description: | Invoice for 45% due prior to shipment; invoice includes adjustments for two change orders, also attached. This is a corrected invoice to accurately describe the sidemount antenna. |
| | Amount: | \$165,171.15 |
| | Component Description: | Invoice for current balance due. Shipping and site visit to be invoiced later. |
| | Amount: | \$32,484.73 |
| | Component Description: | Initial payment with order for TFU- 38DSC/VP-R high |
| | Amount: | power antenna. \$159,063.12 |
| Freight | | |
| | Component Description: | Freight charges for RF component shipments. |
| | Amount: | \$1,458.10 |

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|----------------|------------------------------|
| Primary Transmission Line | \$76,558.00 | \$0.00 | | \$0.00 | |
| Rigid Transmission Line - copper, 6 1/8" | \$76,558.00 | \$0.00 | This cost is now included in antenna base cost as Dielectric provided a single sales order and invoices for antenna and transmission line. | N/A | N/A |
| Sub-total | \$76,558.00 | \$0.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | N/A | \$1,637,562.06 | N/A |

Components

Information not provided.

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 TOWER | \$96,800.00 | \$12,000.00 | | \$6,939.90 | |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | \$6,939.90 | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$0.00 | N/A | \$0.00 | N/A |
| Sub-total | \$96,800.00 | \$12,000.00 | N/A | \$6,939.90 | N/A |
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | N/A | \$1,637,562.06 | N/A |

Components

| Actual Information Description | File Name | |
|---|---------------------------------|--|
| Structural engineering tower load study for well documented tower | Component Description: Amount: | A second interim antenna study was required as the first antenna studied did not pass RFR requirements. Please see memo attached to invoice for cost explanation. \$500.00 |

Component Description: Tower Analysis -

Main Tower -Labor for

December 2017 -Includes PO

#22547

Amount: \$1,064.90

Component Description: Invoice for

structural study for mounting interim antenna during main antenna replacement.

Amount: \$1,000.00

Component Description: Invoice for

structural study of an Andrew ALP8 interim antenna to be mounted on ice bridge of tower.

Amount: \$1,000.00

Component Description: Structural analysis

for mounting the new Micronetixx CH 33 interim antenna on

existing ice bridge.

Amount: \$1,100.00

Component Description: Tower Analysis -

Main Tower -January Labor -Includes PO #22547

Amount: \$3,275.00

Short Tower (less than 500') Information not provided.

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 | \$132,340.00 | \$125,250.00 | | \$49,582.50 | |
| Project management of the transition | \$79,000.00 | \$75,000.00 | N/A | \$38,379.25 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$600.00 | 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 request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | \$806.25 | N/A |
|--|----------------|----------------|-----|----------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$4,952.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | \$4,845.00 | N/A |
| Sub-total | \$132,340.00 | \$125,250.00 | N/A | \$49,582.50 | N/A |
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | N/A | \$1,637,562.06 | N/A |

Components

Component Description: Legal advice or

assistance with management of

project.

Amount: \$2,252.00

Component Description: Legal advice

related to

management of project - line items for 2/6 and 2/14

only

Amount: \$300.00

Component Description: Project

Management Fees

for January 2019

Amount: \$1,575.00

Component Description: Project

Management Fees

- May 2018

Amount: \$1,218.75

Component Description: Legal advice or

assistance with management of

project.

Amount: \$1,020.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$1,749.00

Component Description: Legal advice

related to

management of

project

Amount: \$150.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$350.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$415.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$842.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$1,005.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$1,885.00

Component Description: Legal advice or

assistance with management of

project.

Amount: \$1,955.00

Component Description: Legal advice

related to

management of

project -

December 2017

Amount: \$50.00

Component Description: Project

Management Fees

- March 2018

Amount: \$450.00

Component Description: Project

Management Fees

- November 2018

Amount: \$2,793.75

Component Description: Project

Amount:

Management Fees

- November 2017

\$300.00

Component Description: Repack Project

Management Fees

- September 2018

Amount: \$975.00

Component Description: Repack Project

Management for March 2019

Amount: \$2,587.50

Component Description: Project

Management Fees

- May 2017

Amount: \$1,125.00

Component Description: Project

Management Fees
- June 2017
(includes all line items except 6/26

and 6/27).

Amount: \$1,275.00

Component Description: Project

TOJECT

Management Fees

- August 2017

Amount: \$150.00

Component Description: Repack Project

Management Fees

- January 2018

Amount: \$731.25

Component Description: Project

Management Fees

- October 2017

Amount: \$225.00

Component Description: Project

Management Fees for the month of December 2017

Amount: \$937.50

Component Description: Project

Management Fees

- June 2018

Amount: \$975.00

Component Description: Project

Management Fees

- April 2018

Amount: \$225.00

Component Description: Project

Management Fees

- December 2018

Amount: \$1,275.00

Component Description: Project

Management Fees

- July-August 2018

Amount: \$1,575.00

Component Description: Project

Management Fees

for February 2019

Amount: \$975.00

Component Description: Project

Management Fees
- July 2017 (all line items except 7/6

/17)

Amount: \$656.25

Component Description: Legal Advice

related to management of

project

Amount: \$50.00

Component Description: Project

Management Fees

for April 2017.

Amount: \$600.00

Component Description: Legal Advice

related to

management of project - January

2018

Amount: \$800.00

Component Description: Project

Management Fees - September 2017

Amount: \$450.00

Component Description: Repack Project

Management Fees
- October 2018

Amount: \$1,218.75

Component Description: Repack Project

Management for

April 2019

Amount: \$2,756.25

Component Description: Legal advice

related to

management of project - line item from 2/6/2018 only.

Amount: \$50.00

Component Description: Preparation of

STA for temporary operation during main antenna replacement.

Amount: \$356.25

Component Description: Project

Management Fees - February 2018

Amount: \$506.25

| Prepare and or review reimbursement form | Information not provided. | |
|--|---------------------------|---|
| Perform engineering study for new channel assignment and antenna development | Information not provided. | |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: | Engineering Fees for CP Application - line item for 7/6 only |
| | Amount: | \$150.00 |
| | Component Description: | Engineering Fees for Preparation of CP Application - line items for 6/26 and 6/27/17. |
| | Amount: | \$450.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | |
| Prepare request for Special Temporary Authorization | Component Description: | Preparation of STA for temporary operation during main antenna |
| | Amount: | replacement \$356.25 |
| | Component Description: | Preparation of 2nd STA for KRMA interim operation. This application was for CH 33 and was approved by |
| | Amount: | the FCC on 3/6 /2019. \$450.00 |

| | Amount: | study with Jefferson County telecom permit application. \$4,845.00 |
|--|--------------------------------|--|
| RF Exposure Measurements | Component Description: | Perform RF exposure study of KRMA transmitter site and submit |
| Attorney Fees - Prepare and File request for Special Femporary Authorization | Information not provided. | |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. | |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. | |
| | Component Description: Amount: | Legal Fees \$2,418.00 |
| | Component Description: Amount: | Legal Fees \$600.00 |
| | Component Description: Amount: | Legal Fees \$917.00 |
| | Component Description: Amount: | Legal Fees \$878.00 |
| File FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Legal Fees \$139.00 |

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 Co Justificati |
|--------------------------------------|-----------------------------|-------------------|--|--------------|--------------------------|
| Other Expenses | \$180,947.30 | \$180,397.30 | | \$115,171.06 | |
| Glycol Recycling | \$66.00 | \$66.00 | Cost estimate based on actual invoice 8418 from G2 Solutions. | \$66.00 | N/A |
| Temporary Antenna Installation | \$14,870.00 | \$14,870.00 | RMPBS planned to use a used RF Technologies SFN CH 18 antenna during main antenna replacement. This antenna was found to be defective. It required troubleshooting in place and de-installation at extra cost. See Rex Industries Estimate 217- 334 for details. | \$14,870.00 | N/A |

| Replacement Coaxial Switching System | \$23,757.03 | \$23,757.03 | See Dielectric quote 180074ASM to replace an existing waveguide switching system (main and backup transmitter, antenna and load) that cannot be used on the new channel. Estimated cost increased to cover actual shipping charges. | \$23,757.03 | N/A |
|--|-------------|-------------|---|-------------|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | \$2,987.00 | N/A |
| Local Zoning | \$5,000.00 | \$5,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$48,495.00 | \$48,495.00 | N/A | N/A | N/A |

| Equipment Delivery and Handling Charges | \$12,597.40 | \$12,597.40 | Towing company 4WD transport of transmitters to site. Forklift rental to lift transmitters to 2nd floor entrance of transmitter building. See individual invoices for details. Revised estimated cost includes insurance rider for equipment in transit. | \$12,597.40 | Original estimate based transport direct to actual c also inclu tempor offload and stor due to b weather delaye access to mountain site. |
|---|-------------|-------------|--|-------------|--|
| Develop and air announcement of upcoming channel change | \$1,500.00 | \$1,500.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | \$2,500.00 | \$2,500.00 | N/A | \$1,963.00 | N/A |
| Electrical Design Engineering | \$3,000.00 | \$3,000.00 | Cost estimate based on verbal quote from Green Mountain Electrical Consultants. | \$2,800.00 | N/A |

| Interim Facility Transmission Line Upgrade | \$7,877.03 | \$7,877.03 | Please refer to justification attached to RFSTX Quotation 6347-01. Estimated cost increased by \$1,254.00 to include freight, handling and insurance. | \$7,877.03 | N/A |
|--|------------|------------|---|------------|-----|
| Interim and Final Transmission Line Components | \$5,431.84 | \$5,431.84 | Transmission line components required for interim and final installations, not included in other proposals. Quotes obtained and items purchased as required. Each invoice will contain a justification. Revised estimated cost due to addition of shipping. | \$5,431.84 | N/A |
| Interim CH 33 Antenna Installation | \$9,750.00 | \$9,750.00 | Refer to cost estimate included with Rex Industries Invoice 7423 attached. | \$9,750.00 | N/A |

| Electrical | \$34,553.00 | \$34,553.00 | Estimate from | \$33,071.76 | N/A |
|-----------------------|----------------|----------------|-----------------|----------------|------|
| Installation for | ψ5+,005.00 | ψο-1,000.00 | Greiner | φοσ,σ71.70 | 14// |
| Main and | | | Electric LLC to | | |
| Backup | | | implement | | |
| Transmitters | | | electrical | | |
| | | | design for | | |
| | | | replacement | | |
| | | | main and | | |
| | | | backup | | |
| | | | transmitters; | | |
| | | | install new 150 | | |
| | | | kVA | | |
| | | | transformer, | | |
| | | | power panels, | | |
| | | | and wiring to | | |
| | | | transmitters, | | |
| | | | pump | | |
| | | | modules, | | |
| | | | switches, and | | |
| | | | loads. Includes | | |
| | | | permit and | | |
| | | | inspection. | | |
| Sub-total | \$180,947.30 | \$180,397.30 | N/A | \$115,171.06 | N/A |
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | N/A | \$1,637,562.06 | N/A |

Components

| Actual Information Description | File Name | |
|--------------------------------|------------------------|---|
| Glycol Recycling | Component Description: | Invoice and credit card receipt for used glycol recycling. |
| | Amount: | \$66.00 |

| Temporary Antenna Installation | Component Description: | Mounting and de- |
|--|---------------------------|---------------------|
| | | mounting of interim |
| | | CH 18 antenna |
| | | including in-place |
| | | troubleshooting of |
| | | high VSWR. |
| | Amount: | \$14,870.00 |
| Replacement Coaxial | | |
| Switching System | Component Description: | Invoice for |
| | | completed |
| | | shipment of |
| | | budgeted |
| | | components. |
| | Amount: | \$23,757.03 |
| DTV Medical Facility | | |
| Notification | Component Description: | DTVNotification |
| | | Invoice INV-001909 |
| | | - KRMA Medical |
| | | Notifications with |
| | | Estimate |
| | Amount: | \$2,987.00 |
| Local Zoning | Information not provided. | |
| Disposal Costs (for | Information not provided. | |
| equipment and other waste, net of any salvage value) | | |

| Equipment Delivery and | | |
|------------------------------------|---------------------------|-----------------------|
| Handling Charges | Component Description: | Heavy duty forklift |
| | | was required to |
| | | move transmitter |
| | | equipment into 2nd |
| | | floor entrance of |
| | | transmitter building. |
| | | Estimate obtained |
| | | for one week rental. |
| | | Due to weather |
| | | delays rental had to |
| | | be extended past 2 |
| | | weeks (4 week |
| | | rental). |
| | Amount: | \$3,424.07 |
| | | |
| | Component Description: | Fueling charge for |
| | | forklift rental. |
| | Amount: | \$38.33 |
| | | |
| | Component Description: | Transportation of |
| | | transmitters to Mt. |
| | | Morrison via 4WD |
| | | flatbed vehicle. |
| | | Revised invoice |
| | | includes timesheet. |
| | Amount: | \$7,635.00 |
| | | |
| | Component Description: | Add trip transit |
| | | coverage - delivery |
| | | of transmitters to |
| | | Mt. Morrison site. |
| | Amount: | \$1,500.00 |
| | | |
| Develop and air announcement of | Information not provided. | |

upcoming channel change

| MVPD Notification of Channel Change | Component Description: | DTVNotification Invoice INV-001908 - KRMA MVPD Notifications with Estimate. |
|--|------------------------|---|
| | Amount: | \$1,963.00 |
| Electrical Design Engineering | Component Description: | Engineering of |
| | Component Description. | transmitter electrical facilities |
| | Amount: | \$2,800.00 |
| Interim Facility | | |
| Transmission Line Upgrade | Component Description: | 3" transmission line |
| | | and connectors for |
| | | interim CH 33 |
| | | facility. |
| | Amount: | \$7,877.03 |

Interim and Final Transmission Line Components

Component Description: 1-5/8" flange gas

barrier for interim

antenna

transmission line.

Amount: \$274.05

Component Description: 30 feet of 1-5/8"

flexible

transmission line with connectors and adapter to connect new

backup transmitter to interim antenna

while main

transmitter and antenna are replaced.

Amount: \$1,895.85

Component Description: 3-1/8" to type N

reducer required for sweep testing of interim antenna transmission line

Amount: \$637.36

Component Description: A 6-1/8" directional

coupler to provide test monitoring of the main RF signal was not included in the GatesAir or

Dielectric

proposals. This is an essential item that was ordered separately.

\$2,624.58

Amount: \$2,62

| Installation | Component Description | Installation of new |
|-----------------------------|------------------------|---------------------|
| | Component Description: | |
| | | CH 33 interim |
| | | antenna required to |
| | | meet Phase 2 |
| | | deadline for |
| | | transition to new |
| | | channel. |
| | Amount: | \$9,750.00 |
| Electrical Installation for | | |
| Main and Backup | Component Description: | Final invoice for |
| Transmitters | | electrical work to |
| | | install replacement |
| | | transmitters. |
| | | |

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$2,145,225.34 | \$1,934,087.34 | \$1,637,562.06 |

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

Section Question Response

Submission of Estimated Expenses Statements

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

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

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Doug
Houston
Chief
Technical
Officer

05/21/2019

Attachments