

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility | 33336 | Service: DTV | Call | KSMO-TV | Channel: 32 (UHF) |
|----------------|----------|--------------|-------|---------|-------------------|
| ID: | | | Sign: | | |
| File | 000002 | 7827 | | | |
| Number: | | | | | |
| FRN: 00 | 18223693 | Date | 09/30 | | |
| | | Submitted: | /2019 | | |

Applicant Name, Type, and Contact Information

Information Applicant Applicant Address Email Phone Туре MEREDITH Joshua Pila +1 RegAffairs@meredith. Corporation CORPORATION 1716 (515) com LOCUST 284-Doing Business As: MEREDITH STREET 3000 CORPORATION DES MOINES, IA 50309 United States

Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer | Preparer Contact Name and Information | | | |
|------------------------|--|---------|-------|-------|
| 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. | Νο |
| | Briefly describe transition plan | The KSMO repack plan includes the replacement of main transmitter, addition of a transitional antenna, and new top mounted antenna. It also includes all the analysis, engineering evaluation and electrical systems, tower work and filing costs. |

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

| Primary | Existing Transmitter Infor | mation | | | |
|-------------|-------------------------------------|--|--------------------------|--|--|
| 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 | | |
| | | Is this transmitter currently shared with another station? | No | | |
| | | Is this transmitter currently in operating condition? | Yes | | |
| | Existing Transmitter | Manufacturer | | | |
| | Manufacturer and Type | Model | Quantum QX2 | | |
| | | Year | 2002 | | |
| | | Туре | Inductive Output Tube | | |
| | | IOT Power Type | Тwo | | |
| | | Power Capacity | 43.15 kW | | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | | | | |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | New Transmitter | Use | Primary (Main) | | | |
| | | Change Type | Purchase New Yes Parallax HPTV- PRLX-U42 Solid State | | | |
| | | Is this a request for upgraded equipment? | Yes | | | |
| | | Manufacturer | | | | |
| | | Model | HPTV- | | | |
| | | Transmitter Type | Solid State | | | |
| | | Solid State Cooling | Liquid Cooled | | | |
| | | Solid State Power capacity | 62.8 kW | | | |
| | | Justification for New Transmitter | The current transmitter is no longer available and cannot be retuned. An upgrade to solid state with additional TPO to support an elliptical is planned. | | | |

Primary Transmitter Section Question Response Service Entrance (3 phases 800A 208V) **Electrical Service** No Switchgear (industrial 800 amp) Yes Transformer (480V) No

Other Transmitter Costs

| | Power | N/A |
|---|--|---|
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | Costs for electrical work to install transmitter and heat exchanger |
| 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 |

Other Transmitter Cost Not Listed

| Primary | Other Transmitter Cost Not Listed | | |
|------------------------------|-----------------------------------|--|--|
| Transmitter Name Description | | Description | |
| | 8 pole filter | An 8 pole filter was required to reduce interference | |

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

| Primary | Existing Antenna Inform | nation | | | |
|---------|---------------------------------|--|--------------------|--|--|
| Antenna | 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? | No | | |
| | | Is antenna in operating condition? | Yes | | |
| | | Is antenna located on or in close proximity to an antenna farm? | No | | |
| | Existing Antenna | Class | Full Power | | |
| | Manufacturer and Type | Mounting | Top Mount | | |
| | | Antenna position in stack | Not in Stack | | |
| | | Polarization | Horizontal | | |
| | | Туре | Slotted Coaxial | | |
| | | Number of Stations Supported | N/A | | |
| | | Number of Panels | N/A | | |
| | | Design power capacity in use | N/A | | |
| | | Lower Limit | N/A | | |
| | | Upper Limit | N/A | | |
| | | Other Antenna Type | N/A | | |
| | | ERP: (Effective Radiated Power) | 1000.0 kW | | |

| Manufacturer | |
|--------------|------------------------|
| Model | TFU- 30GTH-R- O4 |
| Year | 2002 |

| Primary | New Antenna Costs | | | |
|---------|---------------------------------------|--|--------------------|--|
| Antenna | 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? | Yes | |
| | | Ownership | Owned | |
| | | Owner | N/A | |
| | | Is antenna shared? | No | |
| | | Is antenna directional? | No | |
| | | Will antenna be located on or in close proximity to an antenna farm? | No | |
| | New Antenna Manufacturer and Types | Class | Full Power | |
| | | Mounting | Top Mount | |
| | | Antenna position in stack | Тор | |
| | | 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) | 750.0 kW | |
| | | Manufacturer | | |
| | | | 1 | |

| Model | TFU-24GTH /VP-R O4 |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Old antenna is single channel design and cannot be retuned |

Primary Other Antenna Costs

Antenna

| 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? | 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 |
|-------|------|
|-------|------|

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

| Interim Antenna | New Antenna Costs | | | |
|--------------------|--------------------------------------|--|----------------------|--|
| | Section | Question | Response | |
| | New Antenna Description | Use | Interim | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase New | |
| | | Ownership | Owned | |
| | | Owner | N/A | |
| | | Is antenna shared? | No | |
| | | Is antenna directional? | No | |
| | | Will antenna be located on or in close proximity to an antenna farm? | No | |
| | New Antenna Manufacturer and Type | Class | Full Power | |
| | | Mounting | Side Mount | |
| | | Antenna position in stack | Not in Stack | |
| | | Polarization | Horizontal | |
| | | Туре | Broadband Panel | |
| | | Number of Stations Supported | 1 | |
| | | Number of Panels/Bays | 8 | |
| | | Lower Limit | 470.00 MHz | |
| | | Upper Limit | 698.00 MHz | |
| | | Design power capacity in use | 100.0 % | |
| | | Other Antenna Type | N/A | |
| | | ERP: (Effective Radiated Power) | 250.0 kW | |
| | | Manufacturer | | |
| | | Model | TFU-8WB- 1-R C160 | |
| | | Year | 2017 | |

| Justification for New Antenna | The antenna is required as an interim antenna |
|-------------------------------|---|
| | antenna during |
| | construction |

| 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 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 |

Existing Transmission Line Primary Existing Transmission

| ssior | Section | Question | Response |
|-------|--|--|----------------------|
| | Existing Transmission Line Description | Type of change | Utilize Existing |
| | | Use | Primary (Main) |
| | | Description of Use | N/A |
| | | Ownership | Owned |
| | | Owner | N/A |
| | | Site | N/A |
| - | | Is the existing transmission line shared with another station or stations? | No |
| | | Is Transmission Line in operating condition? | Yes |
| | Existing Transmission Line Manufacturer and Type | Manufacturer | Dielectric |
| | | Туре | Rigid |
| | | Diameter | 8 3/16 inches |
| | | Other Diameter | N/A |
| | | Segment Length | Broadband |
| | | Other Segment Length | N/A |
| | | Number of parallel runs | 1 |
| | | Length | 1205 feet per run |

Primary Other Transmission Line Expenses Not Listed

| Transmission | Name | Description | |
|--------------|----------------------------|--|--|
| | Feed line additional parts | Additional line parts to use current feed line | |
| | Feed line switch | The feedline switch will be used to switch between the Main and interim antennas during the transition | |

| ransmissio | n Section | Question | Response |
|--------------------------------|-----------|---|--|
| New Transmission Line Costs | | Use | Interim |
| | | Description of Use | N/A |
| | | Change Type | Purchase New |
| | | Туре | Flexible Air |
| | | Diameter | 3 inches |
| | | Segment Length | N/A |
| | | Other Segment Length | |
| | | Number of parallel runs | 1 |
| | | Length | 850 feet per run |
| | | Justification for New Transmission Line | A new line is required for new interim antenna |

Interim New Transmission Line

Interim Other Transmission Line Expenses Not Listed Transmission to provided.

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

Existing Tower

| Primary | Existing Tower | | | | | |
|---------|-----------------------------------|---|----------------------|--|--|--|
| Tower | Section | Question | Response | | | |
| | Existing Tower | Type of change | Modify Existing | | | |
| | Description | Tower Use | Primary (Main) | | | |
| | | Type of changeModify BTower UsePrimaryDescription of UseN/AOwnershipLeasedIs this tower consider Complex?CandelaIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower compliant with Rev G?NoIs tower compliant with Rev G?YesDo you have a tower registration number?YesASR Number1211744Latitude (NAD83)39° 05' 30°Dougitude (NAD83)094° 28 W-Overall Structure Height1167.96Support Structure Height1167.96 | N/A | | | |
| | | Ownership | Leased | | | |
| | | Is this tower consider Complex? | Candelabra | | | |
| | | | Yes | | | |
| | | | Yes | | | |
| | | Others Types of Users | No | | | |
| | | Is tower documented for structural analysis? Yes | | | | |
| | | Is tower compliant with Rev G? | No | | | |
| | Existing Tower | Do you have a tower registration number? | Yes | | | |
| | Structure Registration | ASR Number | 1211744 | | | |
| | Coordinates (NAD83 (| Latitude (NAD83) | 39° 05' 25.8" N- | | | |
| | North American Datum of 1983)) | Longitude (NAD83) | 094° 28' 19.2" W- | | | |
| | | Overall Structure Height | 1167.96 feet | | | |
| | | Support Structure Height | 1050.84 feet | | | |
| | | | 880.89 feet | | | |
| | | | | | | |

| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
|------------------|---|
| Tower Owner | American Towers, LLC. |
| Date Constructed | 09/15/2003 |

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 |
|-------------|-----------|---------|
| 11279 | КСКС | FM |
| 6385 | KCMO-FM | FM |
| 4933 | KLRX | FM |

Primarv

| · · | • | ••• | | | ••• | 2 |
|-----|---|-----|---|---|-----|---|
| Т | C |)V | V | е | r | |

Tower Modification Costs

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

Tower Rigging Costs Primary

Tower

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

| Primary Tower | Other Tower Expenses Not Listed | | |
|------------------|---------------------------------|--|--|
| | Name | Description | |
| | Tower Study | Tower Study for documented tower with Candelabra | |
| | Construction project Management | Tower modification and reinforcements | |
| | Tower permit drawing | Submission documents for permit | |
| | | | |

| Outside | Section | Question | Response |
|--------------|--|--|--|
| Professional | Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | | Number of Hours | 40 |
| | | Explanation | Outside project management is required due to limited staff. It will consist of site planning and on site engineering. |
| | 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 | Yes |
| | | For Main Facility Prepare engineering section of Form FCC License to Cover Application | Yes |
| | | | Yes |
| | | For Auxiliary Facility | Yes |
| | | 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 | Yes |

| | For Main Facility | Yes |
|----------------------------------|--|-----|
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | 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 | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

| Outside | Other Professional Services Expenses Not Listed | | |
|-------------|---|----------------------------------|--|
| Professiona | Services Costs | Description | |
| | Transmitter site Study and review | Installation planning and design | |

| Other | Section | Question | Response | | |
|----------|---------------------------------|---|----------|--|--|
| Expenses | 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 | | |
| | | Is Remediation needed? No Name N/A Other Distributed Transmission System N/A | | | |
| | | | Yes | | |
| | Permit and Filing Costs | Local Zoning | No | | |
| | | Non-zoning permits | Yes | | |
| | | BLM or NFS Coordination | No | | |
| | | FCC Construction Permit Minor Change | No | | |
| | | FCC License to Cover Application | Yes | | |
| | | | Yes | | |
| | Other Miscellaneous Expenses | Disposal Costs (for equipment and other | Yes | | |
| | | Delivery or Handling Charges not otherwise | Yes | | |
| | | | No | | |
| | | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes | | |
| | | Does this relocation require MVPD Notification of a Channel Change? | Yes | | |

Other Expenses Not Listed

Expenses Information not provided.

Transmitters

Cost Information

| | | | Estimated | | |
|--|--------------------------------|-------------------|--|----------------|--|
| Description | Predetermined Cost Estimate | Estimated Cost | Cost Justification | Actual Cost | Actual Cost Justification |
| Primary Transmitter Parallax HPTV- PRLX-U42 | \$1,894,761.18 | \$1,892,861.18 | | \$1,448,730.00 | |
| UHF - Liquid Cooled Solid State Transmitter 62.8 kW | \$1,803,038.18 | \$1,803,038.18 | N/A | \$1,406,932.00 | The amount of the transmitter 399 Estimate of \$1,087,640.00 allocation has to be wrong. I have ask the review team to confirm the amount allocated to the HPOL transmitter. |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| Other Electrical Service: Costs for electrical work to install transmitter and heat exchanger | \$34,190.00 | \$34,190.00 | The costs for installation of transmitter and heat exchanger (see attached quote) | \$22,465.00 | N/A |
| 8 pole filter | \$19,333.00 | \$19,333.00 | The filter is required for interference protection | \$19,333.00 | N/A |

| Sub-total | \$1,894,761.18 | \$1,892,861.18 | N/A | \$1,448,730.00 | N/A |
|-----------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |

| Actual Information Description | File Name | |
|--|---------------------------|---|
| UHF - Liquid Cooled Solid State Transmitter 62.8 kW | Component Description: | Invoice for 70 percent of final cost on Proposal main KSMO U32 transmitter system repack proposal \$984,852.40 |
| | Component Description: | invoice for final 10 percent for Proposalmain KSMO transmitter U32 system repack proposal \$140,693.20 |
| | Component Description: | invoice for 20 percent payment on Proposal Transmitter main KSMO transmitter system repack proposal U32 system \$281,386.40 |
| Switchgear - industrial 800 amp | Information not provided. | |

| Other Electrical Service: Costs for electrical work to install transmitter and heat exchanger | Component Description: Amount: | Electrical installation for transmitter \$22,465.00 |
|--|-----------------------------------|--|
| 8 pole filter | Component Description: Amount: | This is 100 percent invoice for 8 pole filter \$19,333.00 |

Antennas

Cost Information

| Description Interim Antenna TFU-8WB-1- R C160 | Predetermined Cost Estimate \$273,459.96 | Estimated Cost \$83,629.96 | Estimated Cost Justification | Actual Cost \$77,229.96 | Actual Cost Justification |
|--|--|----------------------------------|------------------------------------|----------------------------|------------------------------|
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$0.00 | N/A | N/A | N/A |
| UHF – Broadband Panel, Side Mount Auxiliary /Interim, 250 horizontally polarized | \$77,229.96 | \$77,229.96 | N/A | \$77,229.96 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$0.00 | N/A |
| Primary Antenna TFU-24GTH /VP-R O4 | \$308,530.00 | \$225,791.00 | | \$181,493.00 | |

| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$10,298.00 | N/A | N/A | N/A |
|--|----------------|----------------|-----|----------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$209,093.00 | N/A | \$181,493.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$581,989.96 | \$309,420.96 | N/A | \$258,722.96 | N/A |
| Total for all systems | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |

| Actual Information Description | File Name |
|--|---------------------------|
| UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized | Information not provided. |

| UHF – Broadband Panel, Side Mount Auxiliary/Interim, 250 horizontally polarized | Component Description: | 45 percent of invoice total for Interim antenna plus shipping |
|---|---------------------------|--|
| | Amount: | \$38,614.98 |
| | Component Description: | 45 percent invoic for Interim antenna with |
| | Amount: | shipping \$38,614.98 |
| Sweep test of existing antenna | | |
| | Component Description: | 45 percent payment of antenna sweep |
| | Amount: | \$2,880.00 |
| | Component Description: | 45 percent invoic for RF sweep of Interim antenna |
| | Amount: | \$2,880.00 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | Component Description: | 100 percent of H pol antenna |
| | Amount: | \$181,493.00 |
| Sweep test of existing antenna | Information not provided. | |

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 |
|--|--------------------------------|-------------------|--|----------------|------------------------------|
| Interim Transmission Line | \$50,150.00 | \$43,570.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$50,150.00 | \$43,570.00 | N/A | \$0.00 | N/A |
| Primary Transmission Line | \$46,153.00 | \$46,153.00 | | \$0.00 | |
| Feed line additional parts | \$10,053.00 | \$10,053.00 | N/A | N/A | N/A |
| Feed line switch | \$36,100.00 | \$36,100.00 | The feedline switch is to be used to switch between main and interim antenna during transition and testing. | N/A | N/A |
| Sub-total | \$96,303.00 | \$89,723.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |

Components

Actual Information
Description
File Name

| Flexible Air Transmission Line - dielectric, 3" | Component Description: Amount: | Feedline for Interim antenna \$13,724.58 |
|--|-----------------------------------|--|
| | Component Description: Amount: | Feedline for Interim antenna \$13,724.58 |
| Feed line additional parts | Information not provided. | |
| Feed line switch | Information not provided. | |

Tower Equipment and Rigging Costs

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|-------------|------------------------------|
| Primary Tower GTOWER | \$633,500.00 | \$466,649.00 | | \$0.00 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$212,599.00 | Costs for installation of main and Interim antennas and feedline | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$200,000.00 | Costs for tower reinforcements | N/A | N/A |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00 | \$19,550.00 | Rigorous structural analysis to determine capacity and modifications needed to accommodate repacked equipment | N/A | N/A |
| Construction project Management | \$5,000.00 | \$5,000.00 | This is required for tower crew oversight on leased tower | N/A | N/A |
| Tower permit drawing | \$4,700.00 | \$4,700.00 | Cost for drawings to support tower permit | N/A | N/A |

| Tower Study | \$24,800.00 | \$24,800.00 | Tower Mapping Analysis | N/A | N/A |
|-----------------------|----------------|----------------|------------------------------|----------------|-----|
| Sub-total | \$633,500.00 | \$466,649.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |

Information not provided.

Outside Professional Services

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justificatio |
|---|--------------------------------|-------------------|--|-------------|--|
| Outside Professional Services | \$170,331.43 | \$161,191.43 | | \$15,946.43 | |
| Transmitter site Study and review | \$15,946.43 | \$15,946.43 | Service provided by Comark to plan new transmission plant | \$15,946.43 | Tax was not included in first estimate |
| RF Exposure Measurements | \$21,050.00 | \$15,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$79,995.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |
| Attorney Fees - 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 FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |

| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or | \$4,210.00 | \$4,000.00 | N/A | N/A | N/J |
|---|------------|------------|-----|-----|-----|
| License | | | | | |
| Application | | | | | |
| Attorney Fees - | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare and | | | | | |
| File FCC Form | | | | | |
| 2100 (main), | | | | | |
| Construction | | | | | |
| Permit | | | | | |
| Application | | | | | |
| Prepare | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| request for | | | | | |
| Special | | | | | |
| Temporary | | | | | |
| Authorization | | | | | |
| RF Consulting | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Engineer Fees- | | | | | |
| Aux Antenna: | | | | | |
| Prepare | | | | | |
| engineering | | | | | |
| section of FCC | | | | | |
| Form 2100, | | | | | |
| License to | | | | | |
| Cover | | | | | |
| Application | | | | | |
| Prepare | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| engineering | | | | | |
| section of FCC | | | | | |
| Form 2100 | | | | | |
| (main), License | | | | | |
| | | | | | |
| to Cover Application | | | | | |

| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | N/A | N/A | N// |
|--|------------|-------------|--|-----|-----|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | N/A | N// |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | N/A | N/J |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/J |
| Project management of the transition | \$6,320.00 | \$10,000.00 | Costs for site coordination meeting and planning of complex tower site | N/A | N// |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N// |
| | | | | | |

| Total for all | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |
|---------------|----------------|----------------|-----|----------------|-----|
| systems | | | | | |

| Actual Information Description | File Name | |
|---|-----------------------------------|---|
| Transmitter site Study and review | Component Description: Amount: | invoice for 100 percent of design services \$15,946.43 |
| RF Exposure Measurements | 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 - 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. | |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License 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 | Information not provided. | |

| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
|---|---------------------------|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Perform engineering study for new channel assignment and antenna development | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
| Project management of the transition | Information not provided. |
| Prepare and or review reimbursement form | Information not provided. |

Other Expenses

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|---|-------------|------------------------------|
| Other Expenses | \$31,580.00 | \$31,015.00 | | \$4,307.20 | |
| Develop and air announcement of upcoming channel change | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | \$14,500.00 | \$14,500.00 | See Antenna delivery quote The delivery was left off the main antenna quote | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$2,000.00 | \$2,000.00 | Disposal dumpster for trash and construction waste materials | N/A | N/A |
| Non-zoning permits | \$3,000.00 | \$3,000.00 | Local construction permits for tower and electrical | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | \$4,307.20 | N/A |
| MVPD Notification of Channel Change | \$0.00 | \$0.00 | N/A | N/A | N/A |

| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |
|---|----------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| Sub-total | \$31,580.00 | \$31,015.00 | N/A | \$4,307.20 | N/A |
| Total for all systems | \$3,408,465.57 | \$2,950,860.57 | N/A | \$1,727,706.59 | N/A |

| Actual Information Description | File Name | |
|--|--|--|
| Develop and air announcement of upcoming channel change | Information not provided. | |
| Equipment Delivery and Handling Charges | Information not provided. | |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. | |
| Non-zoning permits | Information not provided. | |
| DTV Medical Facility Notification | Component Description:100 percent of Medical notificationAmount:\$4,307.20 | |
| MVPD Notification of Channel Change | Information not provided. | |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. | |

| Cost | Grand Total | | | |
|-------------|-----------------------|--------------------------------|----------------|----------------|
| Information | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$3,408,465.57 | \$2,950,860.57 | \$1,727,706.59 |

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

| Certification | Section | Question | Response |
|---------------|--|---|----------|
| | Submission of Estimated Expenses Statements | 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. | |
|---------------|--|---|
| an au name | are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above. | Larence K Oaks Manger of repack Meredith LMG 09/30/2019 |

| 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 au name | are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above. | Larence K Oaks Technology Meredith LMG 09/30/2019 |

Attachments

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