



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **51991** | Service: **DTV** | Call **WPSD-TV** | Channel: **19 (UHF)** |
ID: | Sign:
File **0000027228**
Number:
FRN: **0003763927** | Date **08/14**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|--|-----------------------------|-----------------------------|---------------------------------|
| WPSD-TV, LLC Doing Business As: WPSD-TV, LLC | Richard E. Paxton 201 SOUTH 4TH STREET PADUCAH, KY 42002 United States | +1 (202) 662- 5120 | RPAXTON@PAXTONMEDIA. COM | Limited Liability Company |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|--|--|-----------------------|----------------------------|
| Dan Wilson <i>WPSD Chief Engineer</i> <i>WPSD TV, LLC</i> | 100 Television Lane Paducah , KY 42003 United States | +1 (270) 415- 1938 | dwilson@wpsdlocal6. com |

**Broadcaster
Information
and
Transition
Plan**

| Question | Response |
|--|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No |
| Briefly describe transition plan | We will install a DTV 32 aux TX in the existing building feeding a side mount antenna with 4" flex @ 800' level with a ERP of 200 kW. Once the aux is online, we will then remove the main DTV 32 TX and install a new DTV 19 TX that will feed a new antenna |

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | CD3200P2- CF |
| | Year | 2003 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 50 kW |

**Primary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | ULXTE 72 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 47.2 kW |
| | Justification for New Transmitter | Our existing DTV channel 32 is not tunable or upgradable to channel 19. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |

| | | |
|--|---|-------------------|
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 500.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Primary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|-----------------------------------|---|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | ULXTE-30 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 20 kW |
| | Justification for New Transmitter | We will need a temporary TX to operate on ch. 32 while the new main ch. 19 is installed. The TX building doesn't have space or utilities for 2 main TX's to co-exist. There would be enough space for a small temporary TX. |

**Interim
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 | 2 inches |
| | Length | 50.0 feet |
| | Other Electrical Service | Yes |
| | Description | 200A disconnect and distribution panel |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

**Interim
Transmitter**

Other Transmitter Cost Not Listed

| Name | Description |
|------|-------------|
|------|-------------|

| | |
|--------------------------|--|
| Interim TX Retune | Retune of the Interim ULXTE-30 transmitter to the repack channel 19. |
|--------------------------|--|

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 906.0 kW |
| | | |

| | |
|--------------|----------------------|
| Manufacturer | |
| Model | TUV-36GTH /4MR O4 |
| Year | 2003 |

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | 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 | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 679.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|--|
| Model | TFU-31JTH /VP-R 04 |
| Year | 2017 |
| Justification for New Antenna | Existing DTV 32 antenna is not tunable and is stacked with a NTSC channel 6. |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | 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 | Do you require the sweep testing of transmission line and antenna? | Yes |
|-------------------|--|-----|

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|--------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | 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 |
| | Type | Broadband Panel |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 8 |
| | Lower Limit | 473.00 MHz |
| | Upper Limit | 695.00 MHz |
| | Design power capacity in use | 95.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 200.0 kW |
| | Manufacturer | |
| | Model | TFU-8WB- C160 |
| | Year | 2017 |

| | | |
|--|-------------------------------|---|
| | Justification for New Antenna | Needed for continued operation on ch. 32 while the existing main TX 32 is removed and then replaced with the new ch. 19 TX. The temporary TX will be retunable to ch. 19 and then afterward designated as an backup TX. |
|--|-------------------------------|---|

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

Information not provided.

Transmission Line

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

Interim Transmission Line

New Transmission Line

| Section | Question | Response |
|-----------------------------|-------------------------|------------------|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Flexible Air |
| | Diameter | 4 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 900 feet per run |

| | | |
|--|---|---|
| | Justification for New Transmission Line | This line will be needed for the temporary or aux TX and antenna which will be installed in the TX building. This TX will be the temporary ch. 32 on air while the existing main TX is removed. The new ch. 19 can then be installed. |
|--|---|---|

Interim **Other Transmission Line Expenses Not Listed**
Transmission Line Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|---|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | No |
| | One or more FM, AM or TV radio broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1042698 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 37° 11' 31.2" N- |
| | Longitude (NAD83) | 088° 58' 53.2" W- |
| | Overall Structure Height | 1626.95 feet |
| | Support Structure Height | 1550.83 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 361.87 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | WPSD-TV, LLC |
| Date Constructed | 04/13/2004 |

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: | Serious Reinforcements needed |

Primary Tower

Tower Rigging Costs

| Section | Question | Response |
|------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | N/A |
| Helicopter Services Required | Are helicopter services required? | Yes |

Primary Tower

Other Tower Expenses Not Listed

| Name | Description |
|------|--|
| TCI | Because of weather delays the tower company will not be here until the end of April. the helicopter company Erickson can do the job on March 21-22, 2020 for an additional cost of \$275,280.00. This option would make our FCC permit deadline. |

**Outside
Professional**

| Section | Question | Response |
|---|--|--|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 1000 |
| | Explanation | Because of the complexity of our TX site and the age of the tower, we will need severe tower modifications in order to comply with the new G type mods. The last analysis was in 2003 for F type mods. Installing an aux TX will be a needed to stay on air. |
| 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 | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | 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 Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | 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 | Yes |
| | Environmental Assessment | Yes |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |

| | | |
|--|---------------|-----|
| | Justification | N/A |
|--|---------------|-----|

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**
Services provided.

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 | Yes |
| | BLM or NFS Coordination | Yes |
| | FCC Construction Permit Minor Change | Yes |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | Yes |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|---------------------------|---|
| Other Transmitter Expense | Other expense associated with the ULXTE-72 transmitter install. |

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 |
|--|-----------------------------|-----------------------|------------------------------|-----------------------|---------------------------|
| Interim Transmitter ULXTE-30 | \$888,181.00 | \$746,081.00 | | \$671,325.09 | |
| Interim TX Retune | <i>\$9,831.00</i> | \$9,831.00 | N/A | \$9,831.00 | N/A |
| UHF inside RF system including switching | \$147,500.00 | \$50,000.00 | N/A | \$31,435.19 | N/A |
| Other Electrical Service: 200A disconnect and distribution panel | <i>\$20,000.00</i> | \$20,000.00 | N/A | \$11,900.00 | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$1,300.00 | \$1,250.00 | N/A | N/A | N/A |
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$15,000.00 | N/A | \$4,237.03 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00 | \$650,000.00 | N/A | \$613,921.87 | N/A |
| Primary Transmitter ULXTE 72 | \$1,588,250.00 | \$1,516,820.31 | | \$1,486,646.40 | |

| | | | | | |
|---|----------------|----------------|-----|----------------|-----|
| Other -- Building Addition Size: 500.0 | \$20,000.00 | \$20,000.00 | N/A | \$18,154.00 | N/A |
| 5 Ton system | \$20,250.00 | \$19,250.00 | N/A | \$6,753.27 | N/A |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$20,000.00 | N/A | \$10,673.82 | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$30,000.00 | N/A | \$23,495.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,427,570.31 | N/A | \$1,427,570.31 | N/A |
| Sub-total | \$2,476,431.00 | \$2,262,901.31 | N/A | \$2,157,971.49 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

| Actual Information | |
|--------------------|---|
| Description | File Name |
| Interim TX Retune | <p>Component Description: Cost for interim transmitter retune to the post repack channel.</p> <p>Amount: \$9,831.00</p> |

| | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|
| <p>UHF inside RF system including switching</p> | <table> <tr> <td data-bbox="713 174 1023 210">Component Description:</td><td data-bbox="1158 174 1374 246">Down payment on RF Systems.</td></tr> <tr> <td data-bbox="713 257 826 293">Amount:</td><td data-bbox="1158 257 1278 293">\$9,882.18</td></tr> <tr> <td data-bbox="713 398 1023 434">Component Description:</td><td data-bbox="1158 398 1374 548">Payment 2 of 3 is due for ULXTE-30 RF equipment before shipping.</td></tr> <tr> <td data-bbox="713 560 826 595">Amount:</td><td data-bbox="1158 560 1278 595">\$9,238.50</td></tr> <tr> <td data-bbox="713 701 1023 736">Component Description:</td><td data-bbox="1158 701 1374 925">Payment for the Change Order #Q-79130 for needed RF supplies during the ULXTE-30 installation.</td></tr> <tr> <td data-bbox="713 936 826 972">Amount:</td><td data-bbox="1158 936 1278 972">\$3,719.70</td></tr> <tr> <td data-bbox="713 1077 1023 1113">Component Description:</td><td data-bbox="1158 1077 1362 1182">Final payment on RF System for ULXTE-30.</td></tr> <tr> <td data-bbox="713 1193 826 1229">Amount:</td><td data-bbox="1158 1193 1278 1229">\$8,594.81</td></tr> </table> | Component Description: | Down payment on RF Systems. | Amount: | \$9,882.18 | Component Description: | Payment 2 of 3 is due for ULXTE-30 RF equipment before shipping. | Amount: | \$9,238.50 | Component Description: | Payment for the Change Order #Q-79130 for needed RF supplies during the ULXTE-30 installation. | Amount: | \$3,719.70 | Component Description: | Final payment on RF System for ULXTE-30. | Amount: | \$8,594.81 |
| Component Description: | Down payment on RF Systems. | | | | | | | | | | | | | | | | |
| Amount: | \$9,882.18 | | | | | | | | | | | | | | | | |
| Component Description: | Payment 2 of 3 is due for ULXTE-30 RF equipment before shipping. | | | | | | | | | | | | | | | | |
| Amount: | \$9,238.50 | | | | | | | | | | | | | | | | |
| Component Description: | Payment for the Change Order #Q-79130 for needed RF supplies during the ULXTE-30 installation. | | | | | | | | | | | | | | | | |
| Amount: | \$3,719.70 | | | | | | | | | | | | | | | | |
| Component Description: | Final payment on RF System for ULXTE-30. | | | | | | | | | | | | | | | | |
| Amount: | \$8,594.81 | | | | | | | | | | | | | | | | |
| <p>Other Electrical Service: 200A disconnect and distribution panel</p> | <table> <tr> <td data-bbox="713 1361 1023 1397">Component Description:</td><td data-bbox="1158 1361 1374 1512">For Electrical services and equipment for Aux TX.</td></tr> <tr> <td data-bbox="713 1523 826 1559">Amount:</td><td data-bbox="1158 1523 1278 1559">\$9,520.00</td></tr> <tr> <td data-bbox="713 1664 1023 1700">Component Description:</td><td data-bbox="1158 1664 1362 1769">Final payment for Aux TX electrical installation.</td></tr> <tr> <td data-bbox="713 1780 826 1816">Amount:</td><td data-bbox="1158 1780 1278 1816">\$2,380.00</td></tr> </table> | Component Description: | For Electrical services and equipment for Aux TX. | Amount: | \$9,520.00 | Component Description: | Final payment for Aux TX electrical installation. | Amount: | \$2,380.00 | | | | | | | | |
| Component Description: | For Electrical services and equipment for Aux TX. | | | | | | | | | | | | | | | | |
| Amount: | \$9,520.00 | | | | | | | | | | | | | | | | |
| Component Description: | Final payment for Aux TX electrical installation. | | | | | | | | | | | | | | | | |
| Amount: | \$2,380.00 | | | | | | | | | | | | | | | | |
| <p>2" Rigid Conduit and Wiring (Cost per foot)</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|---------------------------------------|----------------|------------|-------------------------------|--|----------------|---------|
| Transformer 3 phase/480v - 150 KVA | <table> <tr> <td data-bbox="719 181 1023 210">Component Description:</td><td data-bbox="1158 181 1374 367">Payment 2 of 3 is due for ULXTE-30 electrical equipment before shipping.</td></tr> <tr> <td data-bbox="719 383 826 412">Amount:</td><td data-bbox="1158 383 1278 412">\$1,412.34</td></tr> <tr> <td data-bbox="719 521 1023 551">Component Description:</td><td data-bbox="1158 521 1362 629">Final payment on electrical for the ULXTE-30.</td></tr> <tr> <td data-bbox="719 645 826 674">Amount:</td><td data-bbox="1158 645 1278 674">\$1,314.39</td></tr> <tr> <td data-bbox="719 781 1023 810">Component Description:</td><td data-bbox="1158 781 1374 848">Down Payment on KVA transformer.</td></tr> <tr> <td data-bbox="719 864 826 893">Amount:</td><td data-bbox="1158 864 1278 893">\$1,510.30</td></tr> </table> | Component Description: | Payment 2 of 3 is due for ULXTE-30 electrical equipment before shipping. | Amount: | \$1,412.34 | Component Description: | Final payment on electrical for the ULXTE-30. | Amount: | \$1,314.39 | Component Description: | Down Payment on KVA transformer. | Amount: | \$1,510.30 | | | | |
| Component Description: | Payment 2 of 3 is due for ULXTE-30 electrical equipment before shipping. | | | | | | | | | | | | | | | | |
| Amount: | \$1,412.34 | | | | | | | | | | | | | | | | |
| Component Description: | Final payment on electrical for the ULXTE-30. | | | | | | | | | | | | | | | | |
| Amount: | \$1,314.39 | | | | | | | | | | | | | | | | |
| Component Description: | Down Payment on KVA transformer. | | | | | | | | | | | | | | | | |
| Amount: | \$1,510.30 | | | | | | | | | | | | | | | | |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | <table> <tr> <td data-bbox="719 1028 1023 1057">Component Description:</td><td data-bbox="1158 1028 1362 1135">Conduit and Unistrut supplies for Aux TX install.</td></tr> <tr> <td data-bbox="719 1151 826 1180">Amount:</td><td data-bbox="1158 1151 1241 1180">\$94.76</td></tr> <tr> <td data-bbox="719 1288 1023 1317">Component Description:</td><td data-bbox="1158 1288 1370 1435">This invoice is listed in the wrong component expense.</td></tr> <tr> <td data-bbox="719 1451 826 1480">Amount:</td><td data-bbox="1158 1451 1206 1480">N/A</td></tr> <tr> <td data-bbox="719 1588 1023 1617">Component Description:</td><td data-bbox="1158 1588 1362 1655">Unistrut supplies for Aux TX install.</td></tr> <tr> <td data-bbox="719 1671 826 1700">Amount:</td><td data-bbox="1158 1671 1241 1700">\$50.99</td></tr> <tr> <td data-bbox="719 1807 1023 1836">Component Description:</td><td data-bbox="1158 1807 1374 1915">Unistrut and conduit for Aux TX install.</td></tr> <tr> <td data-bbox="719 1930 826 1960">Amount:</td><td data-bbox="1158 1930 1241 1960">\$89.35</td></tr> </table> | Component Description: | Conduit and Unistrut supplies for Aux TX install. | Amount: | \$94.76 | Component Description: | This invoice is listed in the wrong component expense. | Amount: | N/A | Component Description: | Unistrut supplies for Aux TX install. | Amount: | \$50.99 | Component Description: | Unistrut and conduit for Aux TX install. | Amount: | \$89.35 |
| Component Description: | Conduit and Unistrut supplies for Aux TX install. | | | | | | | | | | | | | | | | |
| Amount: | \$94.76 | | | | | | | | | | | | | | | | |
| Component Description: | This invoice is listed in the wrong component expense. | | | | | | | | | | | | | | | | |
| Amount: | N/A | | | | | | | | | | | | | | | | |
| Component Description: | Unistrut supplies for Aux TX install. | | | | | | | | | | | | | | | | |
| Amount: | \$50.99 | | | | | | | | | | | | | | | | |
| Component Description: | Unistrut and conduit for Aux TX install. | | | | | | | | | | | | | | | | |
| Amount: | \$89.35 | | | | | | | | | | | | | | | | |

| | |
|-------------------------------|---|
| Component Description: | Payment 2 of 3 due on ULXTE-30 before shipping. |
| Amount: | \$192,894.66 |

| | |
|-------------------------------|---|
| Component Description: | Unistrut and PVC Conduit supplies for Aux TX install. |
| Amount: | \$144.12 |

| | |
|-------------------------------|---|
| Component Description: | Down payment for ULXTE-30 transmitter and install. |
| Amount: | \$203,579.43 |

| | |
|-------------------------------|---|
| Component Description: | Final payment on ULXTE-30 including tax and freight. |
| Amount: | \$217,030.39 |

| | |
|-------------------------------|--|
| Component Description: | Oxygen gas for silver soldering transmission line. |
| Amount: | \$38.17 |

Other -- Building Addition
Size: 500.0

Component Description:

Ice shields for
ULXTE-72 and air
unit and security
fencing.

Amount:

\$9,523.00

Component Description:

Building addition
for an Ice Shield
and Security
fencing for the
Aux TX.

Amount:

\$8,631.00

5 Ton system

Component Description: Electrical supplies
for 5 ton AC install.
Amount: \$261.42

Component Description: 5 Ton AC unit
equipment and
install.
Amount: \$6,051.00

Component Description: Electrical supplies
for AC install.
Amount: \$56.20

Component Description: Electrical supplies
for AC install.
Amount: \$132.15

Component Description: Electrical supplies
for AC install.
Amount: \$106.58

Component Description: Electrical supplies
for 5 ton AC install.
Amount: \$145.92

Component Description: Electrical supplies
for AC install.
Amount: \$261.42

Component Description: Electrical supplies
for AC install.
Amount: \$145.92

| | | |
|--|-------------------------------|--|
| Transformer 3 phase/480v - 300 KVA | | |
| | Component Description: | KVA Transformer |
| | Amount: | \$6,880.97 |
| | | |
| Switchgear - industrial 800 amp | Component Description: | Down payment on electrical KVA transformer. |
| | Amount: | \$3,792.85 |
| | | |
| | | |
| Switchgear - industrial 800 amp | Component Description: | Electric switch panel and distribution for ULXTE-72 install. |
| | Amount: | \$17,892.20 |
| | | |
| | | |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Component Description: | Electrical install down payment for ULXTE-72. |
| | Amount: | \$5,602.80 |
| | | |
| | | |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Component Description: | Pre-shipping invoice due for ULXTE-72 transmitter. |
| | Amount: | \$449,091.25 |
| | | |
| | Component Description: | For installation, proof, shipping and tax on ULXTE-72 TX. |
| | Amount: | \$92,240.87 |
| | | |
| | Component Description: | ULXTE-72 Transmitter after delivery |
| | Amount: | \$407,920.21 |

| | |
|-------------------------------|--|
| Component Description: | Plumbing and electrical supplies for ULXTE-72 install. |
| Amount: | N/A |

| | |
|-------------------------------|--|
| Component Description: | Plumbing and electrical supplies for ULXTE-72 install. |
| Amount: | N/A |

| | |
|-------------------------------|--|
| Component Description: | Remote control system for ULXTE-72 Transmitter to Studio link. |
| Amount: | \$6,474.00 |

| | |
|-------------------------------|--|
| Component Description: | Remote control system for ULXTE-72 and ULXTE-30. |
| Amount: | \$4,485.00 |

| | |
|-------------------------------|--|
| Component Description: | Plumbing and electrical supplies for ULXTE-72 install. |
| Amount: | N/A |

| | |
|-------------------------------|--|
| Component Description: | Plumbing and electrical supplies for ULXTE-72 install. |
| Amount: | N/A |

| | |
|-------------------------------|--|
| Component Description: | Down Payment on ULXTE-72, RF system and install. |
| Amount: | \$473,832.98 |

Component Description:

Plumbing and
electrical supplies
for ULXTE-72
install.

Amount:

N/A

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|------------------------------|-------------|--|
| Interim Antenna TFU-8WB-C160 | \$246,609.89 | \$56,779.89 | | \$56,779.89 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$6,400.00 | Dielectric says that the repack sweep expense listed on previous invoices was not for the sweep procedure, but was for other expenses. |
| UHF " Broadband Panel, Side Mount Auxiliary /Interim, 200 horizontally polarized | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |
| 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, 200 horizontally polarized | \$50,379.89 | \$50,379.89 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$50,379.89 | N/A |
| Primary Antenna TFU-31JTH /VP-R 04 | \$308,530.00 | \$290,624.00 | | \$263,139.82 | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$271,000.00 | N/A | \$244,666.78 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$13,224.00 | Cost of Elbow Complex and Reducer to Transmission Line. | \$12,713.04 | An error was made on a 1/26 /2018 expense from Invoice MAN00202 where we added lines 4 and 5 to the elbow complex component. These should have been included in the antenna component expense. |

| | | | | | |
|--------------------------------|----------------|----------------|-----|----------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,760.00 | N/A |
| Sub-total | \$555,139.89 | \$347,403.89 | N/A | \$319,919.71 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

| Actual Information Description | File Name |
|---|--|
| Sweep test of existing antenna | <p>Component Description: 45% Down payment on RF sweep.</p> <p>Amount: \$2,880.00</p> <p>Component Description: 45% Due for RF Sweep Prior to Shipping Aux Antenna.</p> <p>Amount: \$2,880.00</p> <p>Component Description: 45% Down Payment on RF Sweep of Aux Antenna.</p> <p>Amount: \$2,880.00</p> <p>Component Description: For Repack Sweep of Aux line and Antenna.</p> <p>Amount: \$640.00</p> |
| UHF 4" Broadband Panel, Side Mount Auxiliary /Interim, 200 horizontally polarized | Information not provided. |

| | | |
|--|---|---|
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | Information not provided. | |
| UHF – Broadband Panel, Side Mount Auxiliary /Interim, 200 horizontally polarized | Component Description: Amount: | Final payment on antenna. \$9,828.67 |
| | Component Description: Amount: | 45% Down payment on Aux antenna. \$20,216.25 |
| | Component Description: Amount: | 45% Down Payment on Aux Antenna. \$20,216.25 |
| | Component Description: Amount: | 45% Payment Due Prior to Shipping Aux Antenna. \$20,216.25 |
| | Component Description: Amount: | Angle iron metal for Aux Antenna mounting. \$118.72 |

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description:

Freight and shipping for cut line sections on invoice 809010.

Amount:

\$2,544.38

Component Description:

Antenna cost less the V-POL option.

Amount:

\$16,674.00

Component Description:

Main top antenna expense less the vertical component.

Amount:

\$106,272.00

Component Description:

Entered into the wrong category.

Amount:

N/A

Component Description:

Cut line to connect antenna to the transmission line.

Amount:

\$1,040.00

Component Description:

Taxes due on antenna less the V-Pol option.

Amount:

\$13,898.40

Component Description:

45% Down payment on main high power UHF antenna less the V Pol option.

Amount:

\$104,238.00

| | |
|--|--|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | <div> Component Description: 45% Down payment on elbow complex and reducers for main antenna. </div> <div> Amount: \$6,976.80 </div> |
| | <div> Component Description: Elbow complex for antenna. </div> <div> Amount: \$4,942.80 </div> |
| | <div> Component Description: Tax on Elbow Complex and Reducer. </div> <div> Amount: \$793.44 </div> |
| | <div> Component Description: Elbow Complex and reducer. </div> <div> Amount: N/A </div> |
| Sweep test of existing antenna | <div> Component Description: Repack sweep for antenna. </div> <div> Amount: \$2,880.00 </div> |
| | <div> Component Description: 45% Down payment on RF sweep test for main antenna. </div> <div> Amount: \$2,880.00 </div> |

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|---|
| Interim Transmission Line | \$66,600.00 | \$55,000.00 | | \$52,866.45 | |
| Flexible Air Transmission Line - dielectric, 4" | \$66,600.00 | \$55,000.00 | N/A | \$52,866.45 | The freight part of order #930003 for the RF Line and the order#1504002 RF Line Extension added to the cost. |
| Sub-total | \$66,600.00 | \$55,000.00 | N/A | \$52,866.45 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

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

Flexible Air Transmission
Line - dielectric, 4"

Component Description: 45% Due for
Flexible Line
Prior to Shipping
Aux Antenna.
Amount: \$18,950.28

Component Description: 45% Down
Payment for
Flexible Line for
Aux Antenna.
Amount: \$18,950.28

Component Description: Amount due for
RF Line.
Amount: \$5,760.00

Component Description: 45% Down
payment on 4" by
800' aux antenna
flexible line.
Amount: \$18,950.28

Component Description: This is for the 70
foot Line
extension
between the
tower and
building.
Amount: \$9,205.89

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|---|----------------|---|
| Primary Tower TOWER | \$1,275,100.00 | \$1,231,350.00 | | \$1,229,990.00 | |
| Tower Helicopter Lift | \$0.00 | \$0.00 | | N/A | N/A |
| TCI | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$10,000.00 | N/A | \$8,640.00 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$333,580.00 | Estimated cost for installing the auxillary and main antenna. | \$333,580.00 | The component cost are spread across both serious tower cost and tall tower cost estimates. |
| Serious tower reinforcement /modifications | \$1,052,000.00 | \$887,770.00 | N/A | \$887,770.00 | N/A |
| Sub-total | \$1,275,100.00 | \$1,231,350.00 | N/A | \$1,229,990.00 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Tower Helicopter Lift | Information not provided. |
| TCI | Information not provided. |
| Structural engineering tower load study for well documented tower | <div> <div>Component Description:</div> <div>Tall Tower study for repack.</div> </div> <div> <div>Amount:</div> <div>\$8,640.00</div> </div> |
| Tall Tower (greater than 500') | <div> <div>Component Description:</div> <div>Second payment due on tower antenna services, plumb and tension services.</div> </div> <div> <div>Amount:</div> <div>\$106,899.00</div> </div> <div> <div>Component Description:</div> <div>Mobilization for main top antenna install.</div> </div> <div> <div>Amount:</div> <div>\$48,516.00</div> </div> <div> <div>Component Description:</div> <div>Down payment on Antenna services, tower plumb and tension.</div> </div> <div> <div>Amount:</div> <div>\$178,165.00</div> </div> |

| | | |
|---|-------------------------------|---|
| Serious tower reinforcement /modifications | | |
| | Component Description: | Cost related to install of main antenna. |
| | Amount: | \$1,521.00 |
| | | |
| | Component Description: | Final payment on project not including change orders. |
| | Amount: | \$116,753.00 |
| | | |
| | Component Description: | Change order for 3 weather days during antenna install. |
| | Amount: | \$9,600.00 |
| | | |
| | Component Description: | Down payment for severe tall tower mods. |
| | Amount: | \$419,910.00 |
| | | |
| | Component Description: | Second payment Due on Tower Mods. |
| | Amount: | \$251,946.00 |
| | | |
| | Component Description: | Completion of Phase 1 with a change order for six weather days. |
| | Amount: | \$88,040.00 |

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|--------------------|------------------------------|--------------------|---------------------------|
| Outside Professional Services | \$322,895.00 | \$84,095.00 | | \$26,441.50 | |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$0.00 | N/A | N/A | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$0.00 | N/A | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$5,000.00 | N/A | \$0.00 | N/A |

| | | | | | |
|--|------------|------------|-----|------------|-----|
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$0.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,680.00 | N/A | \$3,680.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,365.00 | N/A | \$2,365.00 | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$2,050.00 | N/A | \$0.00 | N/A |

| | | | | | |
|---|------------|------------|-----|------------|-----|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| 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/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$1,290.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$1,777.50 | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$158,000.00 | \$20,000.00 | N/A | \$17,329.00 | N/A |
| Sub-total | \$322,895.00 | \$84,095.00 | N/A | \$26,441.50 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| ASR modification (prepare FCC Form 854) | Information not provided. |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided. |
| NEPA Section 106 environmental review, if needed | Information not provided. |

| | |
|---|--|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Component Description: Legal cost for STA on interim TX. Amount: \$3,680.00 |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Component Description: Allowed attorney fees for the license to cover application. Amount: \$2,365.00 |
| 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. |

| | | | | | | | | | |
|---|--|--------------------------------------|--|-----------------------|-------------------|--------------------------------------|--|-----------------------|-------------------|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="711 98 1145 331"> <p>Component Description:</p> </td><td data-bbox="1145 98 1426 331"> <p>For preparing engineering section on FCC Form 2100.</p> </td></tr> <tr> <td data-bbox="711 331 1145 465"> <p>Amount:</p> </td><td data-bbox="1145 331 1426 465"> <p>\$1,290.00</p> </td></tr> <tr> <td data-bbox="711 465 1145 725"> <p>Component Description:</p> </td><td data-bbox="1145 465 1426 725"> <p>Preparation for the Form 2100 construction permit.</p> </td></tr> <tr> <td data-bbox="711 725 1145 860"> <p>Amount:</p> </td><td data-bbox="1145 725 1426 860"> <p>\$1,290.00</p> </td></tr> </table> | <p>Component Description:</p> | <p>For preparing engineering section on FCC Form 2100.</p> | <p>Amount:</p> | <p>\$1,290.00</p> | <p>Component Description:</p> | <p>Preparation for the Form 2100 construction permit.</p> | <p>Amount:</p> | <p>\$1,290.00</p> |
| <p>Component Description:</p> | <p>For preparing engineering section on FCC Form 2100.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$1,290.00</p> | | | | | | | | |
| <p>Component Description:</p> | <p>Preparation for the Form 2100 construction permit.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$1,290.00</p> | | | | | | | | |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td data-bbox="711 725 1145 958"> <p>Component Description:</p> </td><td data-bbox="1145 725 1426 958"> <p>For engineering studies for new repack channel.</p> </td></tr> <tr> <td data-bbox="711 958 1145 1093"> <p>Amount:</p> </td><td data-bbox="1145 958 1426 1093"> <p>\$1,777.50</p> </td></tr> <tr> <td data-bbox="711 1093 1145 1326"> <p>Component Description:</p> </td><td data-bbox="1145 1093 1426 1326"> <p>Engineering study for new channel assignment and antenna development.</p> </td></tr> <tr> <td data-bbox="711 1326 1145 1352"> <p>Amount:</p> </td><td data-bbox="1145 1326 1426 1352"> <p>\$1,777.50</p> </td></tr> </table> | <p>Component Description:</p> | <p>For engineering studies for new repack channel.</p> | <p>Amount:</p> | <p>\$1,777.50</p> | <p>Component Description:</p> | <p>Engineering study for new channel assignment and antenna development.</p> | <p>Amount:</p> | <p>\$1,777.50</p> |
| <p>Component Description:</p> | <p>For engineering studies for new repack channel.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$1,777.50</p> | | | | | | | | |
| <p>Component Description:</p> | <p>Engineering study for new channel assignment and antenna development.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$1,777.50</p> | | | | | | | | |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Prepare and or review reimbursement form</p> | <p>Information not provided.</p> | | | | | | | | |

| | | |
|--------------------------------------|-------------------------------|--|
| Project management of the transition | Component Description: | Cost for site survey and transmission line check for the repack. |
| | Amount: | \$17,329.00 |
| | Component Description: | Cost for Site Survey and Line test for Repack. |
| | Amount: | \$17,329.00 |

Cost Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|--------------------|---|--------------------|---------------------------|
| Other Expenses | \$61,497.11 | \$54,837.11 | | \$23,604.46 | |
| Other Transmitter Expense | <i>\$307.11</i> | \$307.11 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$307.11 | N/A |
| MVPD Notification of Channel Change | <i>\$4,000.00</i> | \$4,000.00 | N/A | \$3,298.00 | N/A |
| Develop and air announcement of upcoming channel change | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | Main antenna storage at Dielectric. | \$4,290.00 | N/A |
| Equipment Delivery and Handling Charges | <i>\$10,000.00</i> | \$10,000.00 | Shipping and handling expenses. | \$9,697.88 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$5,000.00</i> | \$5,000.00 | N/A | \$489.47 | N/A |

| | | | | | |
|---|--------------------|----------------|-----|----------------|-----|
| BLM or NFS Coordination | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |
| Non-zoning permits | \$2,000.00 | \$2,000.00 | N/A | N/A | N/A |
| Local Zoning | \$2,000.00 | \$2,000.00 | N/A | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$195.00 | N/A | \$195.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$335.00 | N/A | \$335.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$0.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$6,000.00 | N/A | \$4,992.00 | N/A |
| Sub-total | \$61,497.11 | \$54,837.11 | N/A | \$23,604.46 | N/A |
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | N/A | \$3,810,793.61 | N/A |

Components

Actual Information
Description

File Name

| | |
|---|--|
| Other Transmitter Expense | Component Description: Electrical supplies. Amount: \$58.49 |
| | Component Description: Electrical and plumbing supplies. Amount: \$21.43 |
| | Component Description: Electrical and plumbing supplies. Amount: \$132.90 |
| | Component Description: Cost for Distilled Water. Amount: \$26.58 |
| | Component Description: Plumbing supplies. Amount: \$67.71 |
| MVPD Notification of Channel Change | Component Description: Notification of Cable Satellite MVPD providers of new channel change. Amount: \$3,298.00 |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Storage | Component Description: Cost of antenna storage for 11 weeks at a Raymond, Maine facility. Amount: \$4,290.00 |

| | |
|--|---|
| Equipment Delivery and Handling Charges | Component Description: Antenna shipping and handling. Amount: \$9,697.88 |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Component Description: Dumpster rental and disposal cost. Amount: \$489.47 |
| BLM or NFS Coordination | Information not provided. |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Component Description: Filing fees for STA. Amount: \$195.00 |
| FCC Filing Fees - Form 2100 license to cover application | Component Description: Filling fee for license to cover. Amount: \$335.00 |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| DTV Medical Facility Notification | Component Description: Medical Facility notification of frequency and antenna pattern change to the new RF channel. Amount: \$4,992.00 |

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$4,757,663.00 | \$4,035,587.31 | \$3,810,793.61 |

Reimbursement Status

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

| | |
|---|--|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Dan Wilson <i>WPSD</i> <i>Chief Engineer</i></p> <p>08/14/2020</p> |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733). | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Dan Wilson <i>WPSD Chief Engineer</i></p> <p>08/14/2020</p> |

| Certification | Section | Question | Response |
|---------------|---|--|----------|
| | Submission of Final Allocation or Accounting Information Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents 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. 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Dan
Wilson**
*WPSD
Chief
Engineer*

08/14/2020

Attachments