



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **83929** | Service: **DTV** | Call **WHDT** | Channel: **34 (UHF)** |
ID: | Sign:
File **0000028620**
Number:
FRN: **0002710192** | Date **11/20**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-------------------|----------------------|----------------|
| GUENTER MARKSTEINER <i>DR</i> Doing Business As: GUENTER MARKSTEINER | GUENTER MARKSTEINER 5244 SW ORCHID BAY DRIVE PALM CITY, FL 34990 United States | +1 (561) 983-6300 | MARKSTEINER@WHDT.NET | Individual |

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 |
|---|--|-------------------|------------------------|
| Joseph L. Snelson , Jr . <i>Technical Consultant</i> <i>Meintel, Sgrignoli & Wallace</i> | 1282 Smallwood Drive, Suite 372 Waldorf, MD 20603 United States | +1 (303) 344-8037 | joe.snelson@mswdtv.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. | Yes |
| Briefly describe transition plan | Current transmission system consists of a main/aux transmitter feeding a transmission line which connects to an antenna on the tower. Work includes installing new transmission line, attaching to antenna and connecting to new repack channel transmitters. |

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

| Section | Question | Response |
|---|---|---|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Used in case of failure of main transmitter |
| | 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 | CST-II |
| | Year | 2013 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Single |
| | Power Capacity | 20.0 kW |

**Auxiliary
Transmitter****New Transmitter Costs**

| Section | Question | Response |
|------------------------|---|---|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | TRN-5XU- 2916D-L |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 20.0 kW |
| | Justification for New Transmitter | Current transmitter manufacturer is no longer in business. See attached narrative and justification |

**Auxiliary
Transmitter****Other Transmitter Costs**

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

| | | |
|--|---|---|
| | Other Electrical Service | Yes |
| | Description | Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past experience. |
| 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 |

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | CST-II |
| | Year | 2000 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 80.0 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 | TRN-5XU-8916D-L |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 60 kW |
| | Justification for New Transmitter | Current transmitter manufacturer is no longer in business. See previously submitted narrative and justification. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 4 inches |
| | | |

| | | |
|--|---|-------------------|
| | Length | 100.0 feet |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 15 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 | 900.0 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.

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|-----------------------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Other |
| | 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 | Custom - Customer Assembled |
| | ERP: (Effective Radiated Power) | 700.0 kW |

| | |
|--------------|------------------------------|
| Manufacturer | |
| Model | TUA-SP4- 12/48H-1-S- R |
| Year | 2009 |

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? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| | | |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Side 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) | 1000.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|--|
| Model | TFU-27JSC /VP-R P220 |
| Year | 2018 |
| Justification for New Antenna | Current antenna was assembled by licensee and actual performance on repack channel is unlikely. Upgrade for new antenna is for elliptical polarization. Upgrade cost was deducted from quote. NOTE: Bottom of quote shows both discount and upgrade deduction. |

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 | 8 3/16 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.

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

| Section | Question | Response |
|---|--|-------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Other |
| | Other Segment Length | 19.33 feet |
| | Number of parallel runs | 1 |
| | Length | 1700 feet per run |

Primary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1700 feet per run |
| | Justification for New Transmission Line | See previously submitted narrative and justification. Also see attached quote which includes discounted price. |

Primary **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 | Move Equipment |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1028084 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 26° 34' 30.7" N- |
| | Longitude (NAD83) | 080° 14' 31.1" W- |
| | Overall Structure Height | 1532.13 feet |
| | Support Structure Height | 1528.85 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 17.06 feet |
| | | |

| | |
|------------------|---|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | WFLX, LLC |
| Date Constructed | 10/06/2015 |

**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 |
|-------------|-----------|---------|
| 39736 | WFLX | DTV |
| 20436 | WRMF | FM |

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|----------|
| Outside Project Management Services | Do you require outside project management services? | No |
| | Number of Hours | N/A |
| | Explanation | N/A |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | No |
| | Quantity | N/A |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | | |

| | | |
|--------------------------------------|--|-----|
| | Prepare request for Special Temporary Authority | No |
| | Quantity | N/A |
| | 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 Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|---------------------------|---|
| Progress Reporting | Prepare and file 6 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC. |
| Power Engineering | Engineering plan to change generator and transfer switch for 380 vac service. Preparation of electrical plan for transmitter room. |

Other Expenses

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

| | |
|-----------------------|----------------------------------|
| Other Expenses | Other Expenses Not Listed |
| | Information not provided. |

**Cost
Information**

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-----------------------|--|---------------------|------------------------------|
| Primary Transmitter TRN-5XU- 8916D-L | \$1,992,559.52 | \$1,970,119.62 | | \$908,325.00 | |
| Other -- Building Addition Size: 900.0 | <i>\$100,459.52</i> | \$100,459.52 | See previously submitted narrative and justification. Also, see attached estimate for construction in the West Palm Beach, FL area. Use of small factory was used based on a commercial structure that will need to meet commercial code requirements. | \$8,235.00 | N/A |
| 4" Rigid Conduit and Wiring (Cost per foot) | \$10,100.00 | \$9,600.00 | N/A | \$0.00 | N/A |

| | | | | | |
|---|---------------------|---------------------|---|---------------------|-----|
| Switchgear - industrial 800 amp | \$38,200.00 | \$35,000.00 | See attached quote for electrical panel from Knight Electric. | \$0.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,785,060.10 | Current transmitter manufacturer is no longer in business. See previously submitted narrative and justification. Also, see attached quotation from Anywave for discounted cost. | \$892,530.00 | N/A |
| 15 Ton system | \$55,800.00 | \$40,000.00 | N/A | \$7,560.00 | N/A |
| Auxiliary Transmitter TRN-5XU- 2916D-L | \$699,000.00 | \$615,000.00 | | \$298,950.00 | |

| | | | | | |
|---|----------------|----------------|--|----------------|-----|
| Other Electrical Service: Provide new sub panel and wire into transmitter. Also, wire pumps and heat exchanger to transmitter. Cost based on past experience. | \$15,000.00 | \$15,000.00 | See attached narrative and justification | \$3,950.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00 | \$600,000.00 | N/A | \$295,000.00 | N/A |
| Sub-total | \$2,691,559.52 | \$2,585,119.62 | N/A | \$1,207,275.00 | N/A |
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Other -- Building Addition Size: 900.0 | <p>Component Description: line item 5 - space planning and transmitter room engineering total cost: \$16,470.00 50 percent of total cost: \$8,235.00</p> <p>Amount: \$8,235.00</p> |

| | | |
|--|---|--|
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | Component Description: Amount: | line item 2 - 20kW backup transmitter total cost: \$590,000.00 50 percent of total cost: \$295,000.00 \$295,000.00 |
|--|---|--|

Cost
Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|-------------|------------------------------|
| Primary Antenna TFU-27JSC /VP-R P220 | \$192,760.00 | \$187,220.00 | | \$84,249.00 | |
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | \$15,250.00 | \$10,040.00 | See attached quote with discount included. | \$4,518.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$2,880.00 | N/A |

| | | | | | |
|---|---------------------|----------------|--|----------------|---|
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | \$170,780.00 | \$170,780.00 | Current antenna was assembled by licensee and actual performance on repack channel is unlikely. Upgrade for new antenna is for elliptical polarization. Upgrade cost was deducted from quote. NOTE: Bottom of quote shows both discount and upgrade deduction. | \$76,851.00 | line item 1 - main antenna total cost: \$170,780.00 45 percent of total cost: \$76,851.00 |
| Sub-total | \$192,760.00 | \$187,220.00 | N/A | \$84,249.00 | N/A |
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | <p>Component Description: item 3 - elbow complex total cost: \$10,040.00 45 percent of total cost: \$4,518.00</p> <p>Amount: \$4,518.00</p> |

| | |
|---|---|
| Sweep test of existing antenna | <div> <div>Component Description:</div> <div>line item 22 - sweep total cost of item 22: \$6,400.00 45 percent of total cost: \$2,880.00</div> </div> <div> <div>Amount:</div> <div>\$2,880.00</div> </div> |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | <div> <div>Component Description:</div> <div>line item 1 - main antenna total cost: \$170,780.00 45 percent of total cost: \$76,851.00</div> </div> <div> <div>Amount:</div> <div>\$76,851.00</div> </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 |
|---|-----------------------------|----------------|--|----------------|---------------------------|
| Primary Transmission Line | \$589,900.00 | \$376,315.20 | | \$169,341.84 | |
| Rigid Transmission Line - copper, 8 3/16" | \$589,900.00 | \$376,315.20 | See attached quote that includes discount. | \$169,341.84 | N/A |
| Sub-total | \$589,900.00 | \$376,315.20 | N/A | \$169,341.84 | N/A |
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |

Components

| Actual Information Description | File Name |
|---|---|
| Rigid Transmission Line - copper, 8 3/16" | <div><div>Component Description:</div><div>line item 4 - transmission line total cost: \$376,315.20 45 percent of total cost: \$169,341.84</div><div>Amount:</div><div>\$169,341.84</div></div> |

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--------------------------------------|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Tower GTOWER | \$210,500.00 | \$200,000.00 | | \$0.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$210,500.00 | \$200,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |

Components

Information not provided.

Cost
Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Outside Professional Services | \$165,940.00 | \$84,250.00 | | \$14,790.00 | |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$20,000.00 | N/A | \$2,650.00 | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | \$0.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | \$0.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$0.00 | N/A |

| | | | | | |
|--|--------------------|-------------|--|------------|----------------------------|
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$4,770.00 | see itemized invoice 6864. |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$2,120.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$0.00 | N/A |
| Power Engineering | \$10,500.00 | \$10,500.00 | Design of replacement electrical mains for new transmitters. | \$5,250.00 | N/A |
| Progress Reporting | \$21,000.00 | \$21,000.00 | Prepare and file 6 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC. | \$0.00 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| RF Exposure Measurements | \$21,050.00 | \$5,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$165,940.00 | \$84,250.00 | N/A | \$14,790.00 | N/A |
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Comprehensive coverage verification via field study, if needed | Component Description: Interference Study Amount: \$2,650.00 |
| 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 - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare and or review reimbursement form | Component Description: Form 399 budget preparation Amount: \$4,770.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |

| | |
|--|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <p>Component Description:</p> <p>Prepare Form 2100 & Exhibits for filing CP application with FCC</p> <p>Amount:</p> <p>\$2,120.00</p> |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description:</p> <p>Interference analysis and coverage on repack channel for WHDT.</p> <p>Amount:</p> <p>\$2,650.00</p> |
| Power Engineering | <p>Component Description:</p> <p>line item 6 - ENG-2 total cost: \$10,500.00 50 percent of total cost: \$5,250.00</p> <p>Amount:</p> <p>\$5,250.00</p> |
| Progress Reporting | Information not provided. |
| RF Exposure Measurements | Information not provided. |

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 Cos Justificatio |
|--|--------------------------------|-------------------|--|-------------|----------------------------|
| Other Expenses | \$70,777.10 | \$64,177.10 | | \$0.00 | |
| MVPD Notification of Channel Change | <i>\$2,000.00</i> | \$2,000.00 | Notification will need to be made to MVPD's as required. Applicant to explore using an outside firm to determine which facilities will need to be notified and send the appropriate notification letters. | \$0.00 | N/A |
| Develop and air announcement of upcoming channel change | <i>\$500.00</i> | \$500.00 | N/A | \$0.00 | N/A |
| Equipment Storage | <i>\$8,000.00</i> | \$8,000.00 | leased storage space estimate | \$0.00 | N/A |

| | | | | | |
|--|--------------------|--------------------|--|--------|-----|
| Equipment Delivery and Handling Charges | \$40,282.10 | \$40,282.10 | See attached quote for delivery of 2 transmitters and estimating \$10,000 for 1,700 ft. of 8" transmission line and antenna. | \$0.00 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$5,000.00 | \$5,000.00 | Applicant will be required to dispose of the current transmission line and transmitters. The exact costs are not known at this time. | \$0.00 | N/A |
| Non-zoning permits | \$2,000.00 | \$2,000.00 | Estimated permit cost to modify unused portion of building to accommodate new transmitters . | \$0.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | \$0.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | \$0.00 | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$5,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$70,777.10 | \$64,177.10 | N/A | \$0.00 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | N/A | \$1,475,655.84 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

Information not provided.

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$3,921,436.62 | \$3,497,081.92 | \$1,475,655.84 |

Reimbursement Status

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <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.

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

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

**GUENTER
MARKSTEINER**
LICENSEE

11/20/2017

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | <p>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).</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. 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>GUENTER MARKSTEINER <i>LICENSEE</i></p> <p>11/20/2017</p> |

Attachments