



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **22211** | Service: **DTV** | Call **WFLD** | Channel: **31 (UHF)** |
ID: | Sign:
File **0000027829**
Number:
FRN: **0005795067** | Date **08/27**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|-------------------------------------|--|-------------------|--------------------|---------------------------|
| FOX TELEVISION STATIONS, LLC | Joseph M. Di Scipio 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States | +1 (202) 824-6522 | JDISCIPIO@21CF.COM | Limited Liability Company |

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|--|---|-------------------|---------------------------|
| Dennis Wallace <i>Managing Partner</i> <i>Meintel, Sgrignoli & Wallace, LLC</i> | Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States | +1 (202) 251-7589 | Dennis.Wallace@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 | | Due to the complexity of this project and number of facilities involved, WFLD will install interim facilities at the John Hancock building, while existing antenna, transmission line, and transmitter are replaced at the main site on top of Willis Tower. |

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 | CD2200P3 |
| | Year | 1999 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Three |
| | Power Capacity | 75 kW |

Primary
Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|--|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | THU-40 Evo |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 61 kW |
| | Justification for New Transmitter | New transmitter required as existing unit is obsolete and no longer supported by manufacturer. Existing transmitter is rated 75KW. See quote 190725_Quotation 155506.1. WFLD.Main and narrative 190725_WFLD_NARRATIVE_REV3_FORM399 |

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 | 3 inches |
| | Length | 400.0 feet |
| | Other Electrical Service | Yes |
| | | |

| | | |
|--|---|--|
| | Description | Transmitter Electrical Installation Costs Willis Tower |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 50 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 | 1000.0 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

| Name | Description |
|---|--|
| Installation | Installation of transmitter. See estimate 190823 Quote Land Communications |
| Water Glycol System | Building Chilled Water System Connection. (ZonaTherm) |
| Remove Existing Main Transmitter | Remove existing main transmitter from Willis Tower |
| Plumbing Demolition | Disconnect Piping for transmitter (Great Lakes) |
| ThermoFlo Leibert system | ThermoFlo Leibert Installation |

| | |
|---|--|
| Additional Transmitter RF Components | Plumbing, RF and switch components. See quote 190725_Quotation 230209.2 WFLD. Addtnl Install Parts |
| Remote Control Wiring | Wire up existing remote control to new transmitter |
| Site Survey and Drawings | Pre-installation survey of transmitter facility with drawings. See 190823 Quote Land Communications. |

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|-----------------------------------|--|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | THU9-24 EVO |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 37 kW |
| | Justification for New Transmitter | Interim transmitter will be required to operate interim facilities at Hancock building while changing out antennas and transmitter at main facility, Willis Tower. |

**Interim
Transmitter**

Other Transmitter Costs

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

| | | |
|--|---|-------------------|
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | 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? | 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 |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | No |

Interim Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|--------------------------------|---|
| Transmitter Site Survey | Survey by transmitter vendor to plan installation |
| Transmitter retuning | Retuning cost for transmitter from ch. 31 to ch. 24 |

| | |
|-----------------------------|--|
| Main and backup STL | Studio to Transmitter Link. Main link is fiber and backup is radio |
| Second Mask filter | Second mask filter to allow operation on channel 31 (pre-repack) |
| Combiner connection | Facilitation by antenna/combiner owner (ATC) to connect into their system. |
| Monitoring Equipment | Equipment needed to ensure signal and RF compliance with Rules. |
| RF Components | Additional transmitter components required to interconnect to combiner |
| Offloading | Offloading of transmitter and heat exchanger on ground and move to 97th floor. |

Antennas

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

**Auxiliary
Antenna****Existing Antenna Information**

| Section | Question | Response |
|---|--|-------------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Licensed Aux Antenna |
| | Ownership | Leased |
| | Owner | Willis Tower |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | Yes |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Circular |
| | Type | Broadband Panel |
| | Number of Stations Supported | 3 |
| | Number of Panels | 24 |
| | Design power capacity in use | 100.0 % |
| | Lower Limit | 572.00 MHz |
| | Upper Limit | 578.00 MHz |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 475.0 kW |

| | | |
|--|--------------|--------|
| | Manufacturer | |
| | Model | PHP24C |
| | Year | 1999 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 32334 | WJYS |
| 22211 | WFLD |
| 47905 | WMAQ-TV |

Auxiliary Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|--------------------|
| New Antenna Description | Use | Auxiliary (Backup) |
| | Description of Use | Aux Antenna |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Leased |
| | Owner | Willis Tower |
| | Is antenna shared? | Yes |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Elliptical |
| | Type | Broadband Panel |
| | Number of Stations Supported | 3 |
| | Number of Panels/Bays | 24 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 600.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 475.0 kW |
| | Manufacturer | |
| | Model | PHP-24C |
| | | |

| | |
|-------------------------------|---|
| Year | 2018 |
| Justification for New Antenna | Lessor moving WFLD to a different Aux Antenna on top of building. Quote reflects cost of provisioning combiner and removal of former aux antenna facilities. See 190725_Willis Tower Repack Engineering Statement R4 07112017 page 10 |

Auxiliary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | Type | New |
| | Number of channels supported | 3 |
| | Frequencies of channels supported | RF channel |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | No |
| 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 a high power antenna? | |
| 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? | No |

Enter a list of RF channel numbers.

| RF Channel Number |
|-------------------|
| 21 |
| 24 |
| 29 |

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

**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? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Middle |
| | Polarization | Elliptical |
| | 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) | 1000.0 kW |
| | | |

| | |
|--------------|-------------------|
| Manufacturer | |
| Model | ATW14H3H-ETC2-31H |
| Year | 1999 |

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? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | 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-14ETT/VP-R C210 |
| | Year | 2019 |

| | | |
|--|-------------------------------|--|
| | Justification for New Antenna | New antenna required for new channel. Slot antenna. See quotes 190725_700427CMZ-1 WFLD FOX and 190725_900032CMZ WFLD FOX |
|--|-------------------------------|--|

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|---------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | |
| | 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? | |
| 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

| Name | Description |
|---------------------------------------|---|
| Southwest Pole Decommissioning | Willis Tower Decommissioning of SW Pole. per Willis Tower. See 190725_Willis Tower Repack Engineering Statement R4 07112017Spreadsheet. page 13 |
| West Tower Stack Project | Willis Tower West Tower Stack Project per Willis Spreadsheet. See 190725_Willis Tower Repack Engineering Statement R4 07112017 page 12 |

Transmission Line

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

**Auxiliary
Transmission Line**

Existing Transmission Line

| Section | Question | Response |
|---|--|--------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Licensed Aux |
| | Ownership | Leased |
| | Owner | Willis Tower |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 2 |
| | Length | 400 feet per run |

**Facility ID's and Call Signs of
all stations with whom the
transmission line is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 32334 | WJYS |
| 47905 | WMAQ-TV |

Auxiliary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Auxiliary (Backup) |
| | Description of Use | Licensed Aux |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 2 |
| | Length | 400 feet per run |
| | Justification for New Transmission Line | Replacement of Aux Antenna Transmission Line. The new Aux Combiner will be in a new location within the building and will require new transmission line. |

Auxiliary **Other Transmission Line Expenses Not Listed**
Transmission Line

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

| | |
|---------------------------------|---|
| Transmission Line Layout | Develop Transmission line layout and installation drawings for Aux Antenna. |
|---------------------------------|---|

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 | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 400 feet per run |

Primary
Transmission Line

New 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 | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 300 feet per run |
| | | |

| | | |
|--|--|--|
| | <p>Justification for New Transmission Line</p> | <p>Current Transmission line does not extend to the top of the west tower and it routed to the top of the SW Pole Outrigger. The New Antenna location requires new transmission line. However, applicant will re-use as much as possible of the existing line.</p> |
|--|--|--|

Primary Transmission Line **Other Transmission Line Expenses Not Listed**

| Name | Description |
|--|--|
| Transmission Line Layout Installation Drawings | Develop and play transmission line layout and installation drawings. See attached Quote. |

**Tower
Equipment
And Rigging
Costs**

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

**Primary
Tower**

Existing Tower

| Section | Question | Response |
|---|---|---------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | Located on Building |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1032959 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 41° 52' 44.1" N- |
| | Longitude (NAD83) | 087° 38' 10.2" W- |
| | Overall Structure Height | 1729.97 feet |
| | Support Structure Height | 1435.35 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 595.14 feet |

| | | |
|--|------------------|----------------------------------|
| | Structure Type | BTWR - Building with Tower |
| | Tower Owner | 233 Broadcast, LLC |
| | Date Constructed | 01/01/2002 |

**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 |
|-------------|-----------|---------|
| 73226 | WLS-TV | DTV |
| 9617 | WBBM-TV | DTV |
| 32334 | WJYS | DTV |
| 9613 | WBBM-FM | FM |
| 74178 | WKSC-FM | FM |
| 70042 | WLIT-FM | FM |
| 48772 | WPWR-TV | DTV |
| 22211 | WFLD | DTV |
| 47905 | WMAQ-TV | DTV |
| 10801 | WFMT | FM |
| 10802 | WTTW | DTV |
| 72115 | WGN-TV | DTV |
| 60539 | WXFT-DT | DTV |
| 10981 | WCPX-TV | DTV |
| 53971 | WEBG | FM |
| 73228 | WLS-FM | FM |
| 51165 | WGCI-FM | FM |

| | | |
|-------|---------|-----|
| 71283 | WCFS-FM | FM |
| 12498 | WGBO-DT | DTV |
| 28621 | WJMK | FM |
| 71425 | WWME-CD | DTV |
| 6377 | WTMX | FM |

Other Types of Users

Users

Willis Tower

Microwave

Two Way

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

| Section | Question | Response |
|-------------------------------------|-----------------------------------|---------------------|
| Tower Rigging Costs | Complex Tower | Located on Building |
| Helicopter Services Required | Are helicopter services required? | Yes |

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Interim
Tower****Tower Construction Costs**

| Section | Question | Response |
|----------------------------|-----------------------------|---|
| Construct New Tower | Use | Interim |
| | Description of Use | N/A |
| | Height | 425.20 feet |
| | Justification for New Tower | This is an existing structure (John Hancock building) that will be used to support the interim antenna. |

**Interim
Tower****Tower Rigging Costs**

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

**Interim
Tower****Other Tower Expenses Not Listed**

| Name | Description |
|---|---|
| Structural modifications | Material and labor to modify existing structure to accommodate interim antenna. See 190823 Quote American Tower. |
| Tower mapping and structural study | Analyze and design modifications to existing structure to accommodate interim antenna. See 190823 Quote American Tower. |

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|---|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 1500 |
| | Explanation | Outside Project Management to coordinate with Willis Tower, Antenna, Helicopter, Rigging, and Transmitter Replacements. |
| 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 | 2 |
| | 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 | 2 |
| | 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 | Yes |
| | Number of Days | 45 |
| | Justification | On Site RF Engineering to supervise equipment installation, performance measurements, and compliance with project requirements. |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|---------------------------------------|---------------------------------------|
| Prepare and File FCC Progress Reports | Prepare and File FCC Progress Reports |

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 | No |
| | 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 |
|------|-------------|
|------|-------------|

| | |
|---------------------------------------|-----------------------------------|
| Illinois and Chicago Sales Tax | Estimated Sales tax on equipment. |
|---------------------------------------|-----------------------------------|

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 Justification |
|---------------------------------|-----------------------------|----------------|--|----------------|----------------------|
| Interim Transmitter THU9-24 EVO | \$3,424,693.39 | \$2,761,764.70 | | \$1,382,191.39 | |
| Offloading | <i>\$26,000.00</i> | \$26,000.00 | Offload transmitter and heat exchanger on ground and move to 97th. floor. | \$13,000.00 | N/A |
| RF Components | <i>\$35,517.00</i> | \$35,517.00 | Additional Transmitter parts required to connect transmitter. See quote 190725_R&S Quote Interim Transmission line for Hancock | N/A | N/A |
| Monitoring Equipment | <i>\$90,476.74</i> | \$90,476.74 | To monitor and confirm FCC Rule compliance. See Quotes in 190725_Transmitter RF and AV Monitoring | N/A | N/A |
| Combiner connection | <i>\$1,026,550.00</i> | \$1,026,550.00 | Charge to connect transmitter into combiner and antenna system owned by others. See cost breakout in quote 190725_Transmitter to Antenna Integration | \$769,912.50 | N/A |

| | | | | | |
|---|---------------------|--------------|--|--------------|----|
| Second Mask filter | \$63,465.00 | \$63,465.00 | Second mask filter to provide operation on ch. 31 pre-repack channel during construction at Willis Tower. See quote 190725_Quotation 162173.2.WFLD (FOX).Second Filter | N/A | N, |
| Transmitter retuning | \$12,500.00 | \$12,500.00 | Retuning of transmitter from ch 31 pre-repack to ch 24 post-repack See quote 190725_WFLD THU Rechannel 19028R | N/A | N, |
| Transmitter Site Survey | \$20,125.00 | \$20,125.00 | Transmitter Site Survey and drawings for installation. See quote 190725_Quotation 112453.0.WFLD (FOX).Aux. SiteSurvpdf | \$10,062.50 | N, |
| Other -- Building Addition Size: 500.0 | \$629,495.33 | \$629,495.33 | Comprehensive room provisioning includes electrical, demolition, transformer, general construction, permits, design and HVAC, See quote 190725_Transmitter Room Construction | \$170,796.50 | N, |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$810,071.31 | See attached quote 190725_Quotation 110499.1.WFLD (FOX).Interim Main | \$410,098.15 | N, |

| | | | | | |
|---------------------------------------|-----------------------|-----------------------|--|---------------------|----|
| Main and backup STL | \$47,564.32 | \$47,564.32 | To get Audio and Video from Studio to the transmitter. Main is fiber, backup is radio. See Quote 190725_Studio Transmitter Redundant | \$8,321.74 | N, |
| Primary Transmitter THU-40 Evo | \$3,281,543.20 | \$2,721,444.20 | | \$663,400.50 | |
| Installation | \$58,000.00 | \$58,000.00 | Installation of transmitter. See quote 190823 Quote Land Communications for detail | \$29,000.00 | N, |
| Site Survey and Drawings | \$26,000.00 | \$26,000.00 | Pre-installation site survey with drawings. See 190823 Quote Land Communications for detail. | \$13,000.00 | N, |
| Remote Control Wiring | \$3,600.00 | \$3,600.00 | Wire up existing remote control to new transmitter. See attached vendor quote. | N/A | N, |
| Additional Transmitter RF Components | \$94,648.20 | \$94,648.20 | Plumbing, RF and switching components. See quote 190725_Quotation 230209.2 WFLD. Addtnl Install Parts | N/A | N, |
| ThermoFlo Leibert system | \$360,000.00 | \$360,000.00 | ThermoFlo Quote Attached. Leibert Units Installation at Willis Tower | N/A | N, |
| Plumbing Demolition | \$13,220.00 | \$13,220.00 | Plumbing Demolition. Pipefitter Scope. Quote Attached. | N/A | N, |

| | | | | | |
|--|---------------------|----------------|---|--------------|----|
| Remove Existing Main Transmitter | \$180,025.00 | \$180,025.00 | Quote to remove existing equipment. Beam Supplies, HE Glycol, Etc. Down Elevator. Rigging, Labor Overtime on Weekends/Nights. See attached quote 190725_Willis Tower Phase II. Does not include disposal. | N/A | N, |
| Water Glycol System | \$75,750.00 | \$75,750.00 | ZonaTherm Quote attached. Water /Glycol System | N/A | N, |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,239,501.00 | See quote 190725_Quotation 155506.1.WFLD. Main | \$619,750.50 | N, |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | Catalog | N/A | N, |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$20,800.00 | \$19,600.00 | Catalog | N/A | N, |
| Other Electrical Service: Transmitter Electrical Installation Costs Willis Tower | \$200,800.00 | \$200,800.00 | Estimate based on verbal discussions. Quote is forthcoming and will be entered when received. | N/A | N, |
| 50 Ton system | \$172,500.00 | \$164,000.00 | Modifications to HVAC/Mechanical Systems Willis Tower Building | N/A | N, |

| | | | | | |
|--|---------------------|-----------------|--|----------------|----|
| Other -- Building Addition Size: 1000.0 | \$250,000.00 | \$250,000.00 | Modifications to building space for new transmitter. Willis Tower Building. See quote 190725_20190108 WFLD-Osborn Fee Proposal for design services. Job is out for bid and we are expecting the contractors services to use the balance. | \$1,650.00 | N, |
| Sub-total | \$6,706,236.59 | \$5,483,208.90 | N/A | \$2,045,591.89 | N, |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 | N, |

Components

| Actual Information | |
|----------------------|--|
| Description | File Name |
| Offloading | <p>Component Description: Partial payment for off loading transmitter to 97th. floor Willis bldg.</p> <p>Amount: \$13,000.00</p> |
| RF Components | Information not provided. |
| Monitoring Equipment | Information not provided. |

| | | |
|---|-------------------------------|--|
| Combiner connection | Component Description: | Interconnect into RF plant including antenna. Milestone payment 2. |
| | Amount: | \$513,275.00 |
| | Component Description: | Interconnect into RF plant including antenna. Milestone payment 1. |
| | Amount: | \$256,637.50 |
| Second Mask filer | Information not provided. | |
| Transmitter retuning | Information not provided. | |
| Transmitter Site Survey | Component Description: | Partial invoice for interim transmitter pre-install survey |
| | Amount: | \$10,062.50 |
| Other -- Building Addition Size: 500.0 | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$4,354.40 |
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$8,734.44 |
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$9,647.50 |

| | | |
|--|-------------------------------|--|
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$10,243.50 |
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$9,801.66 |
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$1,275.00 |
| | Component Description: | Partial payment general construction services at Hancock Bldg. |
| | Amount: | \$103,051.20 |
| | Component Description: | Architectural Design Services for Hancock Building |
| | Amount: | \$23,688.80 |
| | Component Description: | Partial payment for interim transmitter |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Amount: | \$410,098.15 |

| | | |
|--|---|--|
| Main and backup STL | Component Description: Amount: | STL failover switch \$3,896.74 |
| | Component Description: Amount: | Partial payment for STL and GPS antenna install \$4,425.00 |
| Installation | Component Description: Amount: | 50 percent down payment for transmitter installation \$29,000.00 |
| Site Survey and Drawings | Component Description: Amount: | 50 percent down payment for transmitter site survey and drawing package \$13,000.00 |
| Remote Control Wiring | Information not provided. | |
| Additional Transmitter RF Components | Information not provided. | |
| ThermoFlo Leibert system | Information not provided. | |
| Plumbing Demolition | Information not provided. | |
| Remove Existing Main Transmitter | Information not provided. | |
| Water Glycol System | Information not provided. | |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | Component Description: Amount: | Down payment for main transmitter \$619,750.50 |

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|--|---|
| Switchgear - industrial 800 amp | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Other Electrical Service: Transmitter Electrical Installation Costs Willis Tower | Information not provided. |
| 50 Ton system | Information not provided. |
| Other -- Building Addition Size: 1000.0 | <div> <div> Component Description: </div> <div> Architectural Design Services for Willis Tower Building </div> </div> <div> <div> Amount: </div> <div> \$1,650.00 </div> </div> |

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 |
|--|------------------------------|-----------------------|---|---------------------|
| Primary Antenna TFU-14ETT/VP-R C210 | \$2,843,280.00 | \$2,873,875.00 | | \$271,483.20 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$10,984.00 | Within quote 190725_700427CMZ-1 WFLD FOX | \$9,885.60 |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$321,741.00 | Custom Three Station Stack Antenna designed for Willis Tower Building West Pylon. This antenna will require special structural design. See quotes 190725_700427CMZ-1 WFLD FOX and 190725_900032CMZ WFLD FOX | \$255,837.60 |
| West Tower Stack Project | <i>\$1,424,250.00</i> | \$1,424,250.00 | Willis Tower Triple Destack and Double Stack per attached spreadsheet from Willis Tower and attached Willis Tower Engineering Statement. See 190725_Willis Tower Repack Engineering Statement R4 07112017 page 12 | N/A |

| | | | | |
|---|------------------------|------------------------|---|-----------------------|
| Southwest Pole Decommissioning | \$1,110,500.00 | \$1,110,500.00 | Willis Tower Spreadsheet. WFLD Allocated costs of project per Willis Tower Engineering Statement attached. See See 190725_Willis Tower Repack Engineering Statement R4 07112017Spreadsheet. page 13 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | Within quote 190725_700427CMZ-1 WFLD FOX | \$5,760.00 |
| Auxiliary Antenna PHP-24C | \$84,200.00 | \$464,166.67 | | \$0.00 |
| UHF - High Power Top Mount Three Station broadband panel antenna elliptically or circularly polarized | \$0.00 | \$0.00 | N/A | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$464,166.67 | Willis Tower Aux Combiner / East Tower per Willis Tower Spreadsheet. See 190725_Willis Tower Repack Engineering Statement R4 07112017 page 10. | N/A |
| Sub-total | \$2,927,480.00 | \$3,338,041.67 | N/A | \$271,483.20 |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 |

Components

Actual Information
Description

File Name

| | | | |
|---|-------------------------------|--|--|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Component Description: | | Partial payment for elbow complex |
| | Amount: | | \$4,942.80 |
| | Component Description: | | Partial payment for Elbows |
| | Amount: | | \$4,942.80 |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | Component Description: | | 2nd. Partial payment for antenna and parts. Includes change order which has been uploaded. |
| | Amount: | | \$144,783.45 |
| | Component Description: | | Partial payment for antenna and associated parts |
| | Amount: | | \$111,054.15 |
| West Tower Stack Project | Information not provided. | | |
| Southwest Pole Decommissioning | Information not provided. | | |
| Sweep test of existing antenna | Component Description: | | 2nd Partial payment for antenna sweep |
| | Amount: | | \$2,880.00 |
| | Component Description: | | Partial payment for antenna sweep |
| | Amount: | | \$2,880.00 |
| UHF - High Power Top Mount Three Station broadband panel antenna elliptically or circularly polarized | Information not provided. | | |

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|--|---------------------------|
| New combiner, cost per channel (without antenna) | Information not provided. |
|--|---------------------------|

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 | \$122,000.00 | \$250,000.00 | | \$0.00 | |
| Transmission Line Layout Installation Drawings | <i>\$35,000.00</i> | \$35,000.00 | Develop transmission line layout and installation drawings. See attached vendor quote. | N/A | N/A |
| Rigid Transmission Line - copper, 7 3 /16" | \$87,000.00 | \$215,000.00 | Custom Transmission line fabrication required. Each section will need to be a custom made section length in order to fit within the existing hallways and vertical shafts within Willis Tower. Standard Line section costs is not applicable. | N/A | N/A |
| Auxiliary Transmission Line | \$186,600.00 | \$200,000.00 | | \$0.00 | |

| | | | | | |
|---|--------------------|-----------------|--|----------------|-----|
| Transmission Line Layout | \$25,000.00 | \$25,000.00 | Develop transmission line layout and installation drawings. See attached vendor quote. | N/A | N/A |
| Rigid Transmission Line - copper, 6 1/8" | \$161,600.00 | \$175,000.00 | Custom transmission line fabrication required. Each line section will need to be custom made based upon CAD drawings in order to fit within the existing hallway and vertical shafts within the Willis Tower Building. Standard line sections will not fit. | N/A | N/A |
| Sub-total | \$308,600.00 | \$450,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 | N/A |

Components

Information not provided.

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 BTWR | \$1,493,000.00 | \$0.00 | | \$0.00 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$0.00 | See attached Willis Tower Spreadsheet and Engineering Statement. | N/A | N/A |
| Tower Helicopter Lift | <i>\$0.00</i> | \$0.00 | See attached Willis Tower Engineering Statement and Spreadsheet. | N/A | N/A |
| Serious tower reinforcement /modifications | \$1,052,000.00 | \$0.00 | See attached Willis Tower spreadsheet and engineering statement. | N/A | N/A |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00 | \$0.00 | See attached Willis Tower Engineering Statement. | N/A | N/A |
| Interim Tower | \$461,300.00 | \$40,300.00 | | \$40,300.00 | |
| New tower | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |

| | | | | | |
|---|--------------------|-----------------|---|----------------|-----|
| Tower mapping and structural study | \$10,300.00 | \$10,300.00 | Interim structure mapping and structural analysis. See quote 190823 Quote American Tower. | \$10,300.00 | N/A |
| Structural modifications | \$30,000.00 | \$30,000.00 | Structural modifications to structure. See attached quote 190823 Quote American Tower. | \$30,000.00 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$0.00 | N/A | N/A | N/A |
| Sub-total | \$1,954,300.00 | \$40,300.00 | N/A | \$40,300.00 | N/A |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 | N/A |

Components

| Actual Information Description | File Name |
|---|---------------------------|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Information not provided. |
| Tower Helicopter Lift | Information not provided. |
| Serious tower reinforcement /modifications | Information not provided. |

| | |
|---|---|
| Structural engineering tower load study for a documented tower with candelabra | Information not provided. |
| New tower | Information not provided. |
| Tower mapping and structural study | <div> <div> Component Description: Amount: </div> <div> Interim tower analysis and mapping \$10,300.00 </div> </div> |
| Structural modifications | <div> <div> Component Description: Amount: </div> <div> Interim tower structural work \$30,000.00 </div> </div> |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | 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 | \$521,175.00 | \$544,130.00 | | \$0.00 | |
| Prepare and File FCC Progress Reports | <i>\$34,980.00</i> | \$34,980.00 | Prepare and File FCC Progress Reports. See attached vendor quote. | N/A | N/A |
| Additional Field Engineering Service, 45 Days | <i>\$95,400.00</i> | \$95,400.00 | See attached vendor quote. On Site RF Engineering for complex project. Supervision of installation and commissioning of new systems. | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | Catalog | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | Catalog | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | Catalog | N/A | N/A |

| | | | | | |
|---|------------|------------|---------|-----|-----|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | Catalog | 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 | Catalog | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | Catalog | N/A | 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 | Catalog | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | Catalog | N/A | N/A |

| | | | | | |
|---|--------------|--------------|---|-----|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | Catalog | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$4,000.00 | Catalog | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | Catalog | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$35,000.00 | Willis Tower Building Lease Modifications | N/A | N/A |
| Project management of the transition | \$237,000.00 | \$225,000.00 | Very large scope project management. | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$15,000.00 | Coordination for Chicago Market and Willis Tower Building Testing and Transition End Dates | N/A | N/A |

| | | | | | |
|--|-----------------|-----------------|---------|----------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | Catalog | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | Catalog | N/A | N/A |
| Sub-total | \$521,175.00 | \$544,130.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 | N/A |

Components

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 Justification |
|--|--------------------------------|----------------|---|-------------|-------------------------|
| Other Expenses | \$902,981.00 | \$902,376.00 | | \$7,200.00 | |
| Illinois and Chicago Sales Tax | <i>\$512,500.00</i> | \$512,500.00 | Estimated Chicago and Illinois Sales Tax on Equipment. The sales tax rate in the City of Chicago is 10.25%. Total Estimated Sales Tax on equipment at the 10.25% rate. | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$1,500.00</i> | \$1,500.00 | N/A | N/A | N/A |
| Equipment Storage | <i>\$56,791.00</i> | \$56,791.00 | Transmitter Storage off site until needed on site. See quotes 190725_Quotation 170275.3.WFLD. Main. Consolidation for main and 190725_Quotation 170264.3.WFLD (FOX).Int. Consolidation for interim | N/A | N/A |

| | | | | | |
|--|---------------------|--------------|---|------------|---|
| Equipment Delivery and Handling Charges | \$250,000.00 | \$250,000.00 | Delivery and Logistics for Equipment to Willis Tower Building. Elevator and Freight Dock Considerations. Special elevator lifts. See attached rate sheet from Willis Tower Building Management. | \$7,200.00 | ↑ |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$45,000.00 | \$45,000.00 | Disposal of Glycol, Transformer Oil, Old Antenna, etc. from Willis Tower Building. | N/A | ↑ |
| Non-zoning permits | \$19,000.00 | \$19,000.00 | Building Permits, Electrical, and Mechanicals. Willis Tower Building City of Chicago | N/A | ↑ |
| Local Zoning | \$0.00 | \$0.00 | N/A | N/A | ↑ |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | Catalog | N/A | ↑ |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | ↑ |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | Catalog | N/A | ↑ |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | Catalog | N/A | ↑ |

| | | | | | |
|------------------------------|-----------------|-----------------|-----|----------------|---|
| Sub-total | \$902,981.00 | \$902,376.00 | N/A | \$7,200.00 | 1 |
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | N/A | \$2,364,575.09 | 1 |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Illinois and Chicago Sales Tax | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Storage | Information not provided. |
| Equipment Delivery and Handling Charges | <p>Component Description: 2nd partial payment for antenna shipping.</p> <p>Amount: \$3,600.00</p> <p>Component Description: Partial payment for antenna shipping</p> <p>Amount: \$3,600.00</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |

| | |
|--|---------------------------|
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| DTV Medical Facility Notification | Information not provided. |

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|-----------------|----------------|
| Total for all systems | \$13,320,772.59 | \$10,758,056.57 | \$2,364,575.09 |

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.

| | |
|---|---|
| <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>Angelo Servedio <i>Vice President Controller</i></p> <p>08/27/2019</p> |

| 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.
8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

| | |
|--|---|
| <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>Angelo Servedio <i>Vice President Controller</i></p> <p>08/27/2019</p> |

Attachments