



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **22206** | Service: **DTV** | Call **WNYW** | Channel: **27 (UHF)** |
ID: | Sign:
File **0000027591**
Number:
FRN: **0005795067** | Date **11/20**
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 | JDISCPIO@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 | WNYW will build an interim facility on CH 44 and transition to its final CH 27 at the One World Trade Center. The WNYW Aux site at West Orange NJ will require a new transmitter and combiner system. |

Transmitters

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

**Auxiliary
Transmitter****Existing Transmitter Information**

| Section | Question | Response |
|---|--|---|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Licensed Aux Site West Orange NJ |
| | 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 | DTT10KSU |
| | Year | 2005 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 10 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 | TBD |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 20 kW |
| | Justification for New Transmitter | Existing transmitter is obsolete and no longer supported. Manufacturer is out of business. Replacement required. Channel change and combiner change require new transmitter. |

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

| Section | Question | Response |
|---------------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 150 kVA |

| | | |
|--|---|--|
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inches |
| | Length | 200.0 feet |
| | Other Electrical Service | Yes |
| | Description | New Aux Transmitter Electrical Installation at West Orange NJ Site |
| 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

| Name | Description |
|--------------------------------------|---|
| Remote Control Wiring | Wire up existing remote control to new transmitter. |
| Removal of Existing Equipment | Removal of Existing Aux Equipment from West Orange NJ Site. |

**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 | DCX-3H |
| | 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 | THU9-30 EVO |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 46 kW |
| | Justification for New Transmitter | Existing transmitter is obsolete and can not be channel changed per manufacturer. Transmitter replacement required. |

**Primary
Transmitter**

Other Transmitter Costs

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

| | | |
|--|---|---|
| | Length | 300.0 feet |
| | Other Electrical Service | Yes |
| | Description | New transmitter electrical installation - OWT Local 3 |
| 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 |

Primary Transmitter **Other Transmitter Cost Not Listed**

| Name | Description |
|--------------------------------------|---|
| Remote Control Wiring | Wire up existing remote control to new transmitter |
| Removal of Existing Equipment | Removal of Existing Main Transmitter at Empire State Building |
| Transmitter layout drawings | Hanson Engineering equipment layout |

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 | Retune Existing |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Aux Site West Orange NJ |
| | Ownership | Leased |
| | Owner | American 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? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Middle |
| | 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 | Special Broadband Pylon |
| ERP: (Effective Radiated Power) | 363.0 kW |
| Manufacturer | Dielectric |
| Model | TUD-C5SP-10/34U-2-B |
| Year | 2011 |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 73333 | WNJU |
| 74197 | WWOR-TV |
| 9610 | WCBS-TV |

Auxiliary Antenna

Adjustment to Existing Antenna

| Section | Question | Response |
|--------------------------------|---|----------|
| Sweep Test of Existing Antenna | Do you need a sweep test of existing antenna? | Yes |

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 | 5 |
| | Frequencies of channels supported | RF channel |

| | | |
|--|-----------|-----|
| | Frequency | N/A |
|--|-----------|-----|

Enter a list of RF channel numbers.

| RF Channel Number |
|-------------------|
| 25 |
| 26 |
| 27 |
| 35 |
| 36 |

Auxiliary
Antenna

Other Antenna Cost Not Listed

| Name | Description |
|---------------------|---|
| American Tower Fees | ATC Fees associated with combiner and site changes at West Orange NJ Aux Site |

Primary Antenna

Existing Antenna Information

| Section | Question | Response |
|--|--|--------------------------------|
| Existing Antenna Description | Type of change | Lease 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 | Bottom |
| | Polarization | Circular |
| | 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 | Composite Custom Special |
| | ERP: (Effective Radiated Power) | 990.0 kW |

| | |
|--------------|----------------------|
| Manufacturer | |
| Model | ATW25HS3-SPECIAL-44H |
| Year | 2008 |

**Primary
Antenna**

New Antenna Costs

| Section | Question | Response |
|---|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Lease New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Leased |
| | Owner | Durst |
| | Is antenna shared? | Yes |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Elliptical |
| | Type | Broadband Panel |
| | Number of Stations Supported | 4 |
| | Number of Panels/Bays | 40 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 599.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 900.0 kW |
| | Manufacturer | |
| | Model | PEP40 |
| | | |

| | |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Use existing OWT Master UHF Panel Antennas PEP40 and PEP96 Main /Alternate Main Antennas. No antenna costs included. |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|-------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | Type | Additional Module |
| | Number of channels supported | 5 |
| | 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? | 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 |
|-------------------|--|-----|

Enter a list of RF channel numbers.

| RF Channel Number |
|-------------------|
| 44 |
| 25 |
| 27 |
| 35 |
| 36 |

Primary Antenna

Other Antenna Cost Not Listed

| Name | Description |
|---------------------------|--|
| CH 44 RFS Combiner System | RFS Combiner System for WNYW CH 44 (Interim Facility Pre-Repack) |
| CH 27 RFS Combiner System | RFS Combiner System for WNYW CH 27 (Post Repack) |

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 | Utilize Existing |
| | Use | Auxiliary (Backup) |
| | Description of Use | Licensed Aux West Orange NJ |
| | Ownership | Leased |
| | Owner | American 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 | Dielectric |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | 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 |
|-------------|-----------|
| 73881 | WPIX |
| 73333 | WNJU |
| 74197 | WWOR-TV |
| 9610 | WCBS-TV |

**Auxiliary
Transmission Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|----------------------------------|--|
| Optimize for New Channels | RF Sweep and Optimization for new channels |
| American Tower Fees | American Tower Fees for Aux Site Changes |

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 | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 2 |
| | Length | 500 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 | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 2 |
| | Length | 300 feet per run |
| | Justification for New Transmission Line | New transmission line to interconnect transmitter to combiner module inputs. |

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

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 |

**Auxiliary
Tower**

Add Tower

| Section | Question | Response |
|---|---|--------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Auxiliary (Backup) |
| | Description of Use | West Orange NJ Aux |
| | Ownership | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1060205 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 40° 48' 07.6" N- |
| | Longitude (NAD83) | 074° 14' 45.5" W- |
| | Overall Structure Height | 339.89 feet |
| | Support Structure Height | 299.87 feet |
| | | |

| | | |
|--|--|------------------------|
| | Ground Elevation Above Mean Sea Level (AMSL) | 622.04 feet |
| | Structure Type | LTOWER - Lattice Tower |
| | Tower Owner | American Tower, LLC |
| | Date Constructed | 01/01/1974 |

**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 |
|-------------|-----------|---------|
| 60555 | WFUT-DT | DTV |
| 74197 | WWOR-TV | DTV |
| 73333 | WNJU | DTV |
| 9610 | WCBS-TV | DTV |
| 22206 | WNYW | DTV |
| 73881 | WPIX | DTV |

Other Types of Users

| Users |
|---------|
| Two Way |

**Auxiliary
Tower**

Tower Modification Costs

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

**Auxiliary
Tower**

Tower Rigging Costs

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

**Auxiliary
Tower**

Other Tower Expenses Not Listed

| Name | Description |
|-------------------------|--|
| American Tower Fees Aux | West Orange Aux Site - ATC Spreadsheet costs |

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? | 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? | Unknown |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1007048 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 40° 44' 54.0" N- |
| | Longitude (NAD83) | 073° 59' 09.0" W- |
| | Overall Structure Height | 1453.39 feet |
| | Support Structure Height | 1249.98 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 50.85 feet |
| | Structure Type | B - Building |
| | Tower Owner | EMPIRE STATE BUILDING COMPANY |

Date Constructed

01/01/1931

**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 |
|-------------|-----------|---------|
| 9611 | WCBS-FM | FM |
| 56571 | WLTW | FM |
| 1328 | WABC-TV | DTV |
| 74197 | WWOR-TV | DTV |
| 73356 | WPXN-TV | DTV |
| 29022 | WXNY-FM | FM |
| 47535 | WNBC | DTV |
| 28203 | WBLS | FM |
| 19615 | WQHT | FM |
| 67846 | WFAN-FM | FM |
| 6373 | WWPR-FM | FM |
| 59953 | WHTZ | FM |
| 73881 | WPIX | DTV |
| 73333 | WNJU | DTV |
| 9610 | WCBS-TV | DTV |
| 23004 | WAXQ | FM |
| 60555 | WFUT-DT | DTV |
| 63781 | WEPN-FM | FM |
| 74215 | WXTV-DT | DTV |
| 73355 | WNYC-FM | FM |
| 51249 | WBAI | FM |

| | | |
|-------|---------|-----|
| 25442 | WNEW-FM | FM |
| 18795 | WNET | DTV |
| 73887 | WPLJ | FM |
| 6595 | WKTU | FM |
| 46978 | WQXR-FM | FM |

Other Types of Users

| |
|-----------------|
| Users |
| Multi-user Site |

**Primary
Tower**

Tower Rigging Costs

| Section | Question | Response |
|-------------------------------------|-----------------------------------|---------------------|
| Tower Rigging Costs | Complex Tower | Located on Building |
| 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? | Yes |
| | Number of Hours | 2500 |
| | Explanation | Outside Project Management of OWT and Interim Facilities. Project Management of West Orange Aux Site Modifications. On Site RF Engineering to supervise installation and verify performance. |
| 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 | 30 |
| | | |

| | | |
|--|---------------|--|
| | Justification | On Site Supervision of Local 3 electricians at OWT site. |
|--|---------------|--|

**Outside
Professional**

Other Professional Services Expenses Not Listed

| Services Costs | |
|--|--|
| Name | Description |
| Reimbursement Reviews with FCC Contractor | Reimbursement Form Reviews and Revisions with FCC Contractor |
| 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 | 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 | 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 |
|--------------------|---------------------------------|
| New York Sales Tax | Estimate for New York Sales Tax |

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 THU9-30 EVO | \$2,090,782.00 | \$1,490,184.11 | | \$930,960.95 | |
| Transmitter layout drawings | <i>\$146,882.00</i> | \$146,882.00 | Hanson Engineering Quote for layout of equipment on 90th floor. | \$55,858.84 | N/A |
| Removal of Existing Equipment | <i>\$250,000.00</i> | \$250,000.00 | Removal of existing equipment, elevator logistics, rigging, riggers, loading dock labor. Glycol, Beam Supplies, Oil Removal, Night work / Overtime. Empire State Building. ESB Teamsters /IBEW Labor | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|---|---------------|-----|
| Remote Control Wiring | \$3,500.00 | \$3,500.00 | Wire up remote control to new transmitter. | \$0.00 | N/A |
| Other Electrical Service: New transmitter electrical installation - OWT Local 3 | \$165,000.00 | \$165,000.00 | Main Transmitter Electrical Installation at OWT. Local 3 IBEW Labor. | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$15,600.00 | \$14,700.00 | OWT Electrical - Local 3 | N/A | N/A |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | Catalog Cost | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$875,102.11 | See attached PDF Rohde Quote 802-046091_0.pdf | \$875,102.11 | N/A |
| Auxiliary Transmitter TBD | \$710,750.00 | \$680,300.00 | | \$0.00 | |
| Removal of Existing Equipment | \$17,500.00 | \$17,500.00 | Removal of existing Aux equipment to make room for new Aux Transmitter - West Orange NJ | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|--|----------------|-----|
| Other Electrical Service: New Aux Transmitter Electrical Installation at West Orange NJ Site | \$75,000.00 | \$75,000.00 | Aux transmitter electrical installation at aux site West Orange, NJ. | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$5,000.00 | West Orange - Electrical - NJ Local | N/A | N/A |
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,300.00 | Catalog | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 20 kW | \$584,000.00 | \$555,000.00 | Catalog Cost | N/A | N/A |
| Remote Control Wiring | \$3,500.00 | \$3,500.00 | Wire up existing remote control to new transmitter. | N/A | N/A |
| Sub-total | \$2,801,532.00 | \$2,170,484.11 | N/A | \$930,960.95 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | N/A |

Components

Actual Information

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

| | |
|--|---|
| Transmitter layout drawings | Component Description: New York Port Authority Construction Review Fee Amount: \$15,000.00 |
| | Component Description: Design of Eng and Const Costs Main Transmitter- srvs through April 14 , 2018 90% complete. Amount: \$30,478.16 |
| | Component Description: Design of Eng and Const Costs Main Transmitter- srvs through January 27 ,2018 90% complete. Amount: \$62,947.94 |
| | Component Description: Design of Eng and Const Costs Main Transmitter- srvs through June 9 , 2018 100% complete Amount: \$10,380.68 |
| Removal of Existing Equipment | Information not provided. |
| Remote Control Wiring | Information not provided. |
| Other Electrical Service: New transmitter electrical installation - OWT Local 3 | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Transformer 3 phase/480v - 300 KVA | Information not provided. |

| | | |
|---|---|--|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Component Description: Amount: | Transmitter 10% successful proof of performance milestone \$87,510.20 |
| | Component Description: Amount: | Transmitter 10% final payment completion of 21 day operation testing period \$87,510.22 |
| | Component Description: Amount: | Transmitter 30% delivery of goods milestone \$262,530.63 |
| | Component Description: Amount: | Transmitter 50% downpayment \$437,551.06 |
| Removal of Existing Equipment | Information not provided. | |
| Other Electrical Service: New Aux Transmitter Electrical Installation at West Orange NJ Site | Information not provided. | |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | |
| Transformer 3 phase/480v - 150 KVA | Information not provided. | |
| UHF - Air Cooled Solid State Transmitter 20 kW | Information not provided. | |
| Remote Control Wiring | Information not provided. | |

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 PEP40 | \$2,195,490.00 | \$1,020,960.00 | | \$437,769.00 | |
| CH 27 RFS Combiner System | <i>\$437,769.00</i> | \$437,769.00 | CH 27 Post-Repack Combiner System See attached RFS Quote | \$437,769.00 | N/A |
| CH 44 RFS Combiner System | <i>\$576,791.00</i> | \$576,791.00 | CH44 Interim Facility Combiner System per RFS Quote | N/A | N/A |
| Adding a module to existing combiner (without antenna) | \$84,200.00 | \$0.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | Catalog | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|---|---------------|-----|
| UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized | \$1,090,000.00 | \$0.00 | N/A | N/A | N/A |
| Auxiliary Antenna TUD-C5SP- 10/34U-2-B | \$231,930.00 | \$224,068.00 | | \$0.00 | |
| American Tower Fees | \$15,000.00 | \$15,000.00 | American Tower Fees for Modification of Aux Site at West Orange NJ. | N/A | N/A |
| Combiner output splitting /switching for dual feed lines, if applicable | \$126,000.00 | \$120,000.00 | Catalog | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | RF Sweep and Optimization. Local 3 labor. | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---|----------------|-----|
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$82,668.00 | See attached ATC Spreadsheet for changes to Channel Combiner at West Orange NJ Aux Site | N/A | N/A |
| Sub-total | \$2,427,420.00 | \$1,245,028.00 | N/A | \$437,769.00 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| CH 27 RFS Combiner System | <p>Component Description: Combiner Modules 45% deposit</p> <p>Amount: \$196,996.05</p> <p>Component Description: Combiner Modules remaining 55% due</p> <p>Amount: \$240,772.95</p> |
| CH 44 RFS Combiner System | Information not provided. |
| Adding a module to existing combiner (without antenna) | Information not provided. |
| Sweep test of existing antenna | Information not provided. |

| | |
|--|---------------------------|
| UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized | Information not provided. |
| American Tower Fees | Information not provided. |
| Combiner output splitting /switching for dual feed lines, if applicable | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| 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 | \$174,000.00 | \$165,600.00 | | \$115,962.86 | |
| Rigid Transmission Line - copper, 7 3 /16" | \$174,000.00 | \$165,600.00 | Catalog Cost. Two runs of Coax to interconnect WNYW transmitter to combiner modules. | \$115,962.86 | N/A |
| Auxiliary Transmission Line | \$0.00 | \$0.00 | | \$0.00 | |
| American Tower Fees | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Optimize for New Channels | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Sub-total | \$174,000.00 | \$165,600.00 | N/A | \$115,962.86 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | N/A |

Components

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

| | |
|---|---|
| Rigid Transmission Line - copper, 7 3/16" | <div> <div> Component Description: 45% deposit of Transmission Line Costs for WNYW on quote of 188,226. Quote later revised to 141,829.20. 57,128.10 remaining to be paid. </div> <div> Amount: \$84,701.10 </div> </div> <div> <div> Component Description: WNYW transmission line switch </div> <div> Amount: \$31,261.76 </div> </div> |
| American Tower Fees | Information not provided. |
| Optimize for New Channels | 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 B | \$421,000.00 | \$0.00 | | \$0.00 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$0.00 | No rigging planned. | N/A | N/A |
| Auxiliary Tower LTOWER | \$84,200.00 | \$0.00 | | \$0.00 | |
| Short Tower (less than 500') | \$84,200.00 | \$0.00 | No rigging / tower work planned at this time. | N/A | N/A |
| American Tower Fees Aux | \$0.00 | \$0.00 | No rigging /antenna work planned at this time. | N/A | N/A |
| Sub-total | \$505,200.00 | \$0.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | 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 | \$640,245.00 | \$651,650.00 | | \$0.00 | |
| Prepare and File FCC Progress Reports | <i>\$19,950.00</i> | \$19,950.00 | Prepare and file FCC Progress reports - New York Issues | N/A | N/A |
| Reimbursement Reviews with FCC Contractor | <i>\$17,500.00</i> | \$17,500.00 | Reimbursement Reviews w/ E&Y and Cavell. | N/A | N/A |
| Additional Field Engineering Service, 30 Days | <i>\$54,000.00</i> | \$54,000.00 | On Site Supervision of installation work by local 3 labor at OWT. On Site RF Engineering services. | 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 |

| | | | | | |
|---|------------|-------------|--|-----|-----|
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$19,950.00 | Negotiate Lease Modifications OWT / ATC | 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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$8,000.00 | Two Aux Applications - 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 |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$4,500.00 | 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 | \$3,000.00 | Two Aux Facilities - 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, Construction Permit Application | \$2,105.00 | \$4,000.00 | Two Aux Facilities - 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$19,500.00 | Development of Custom Antenna Patterns for WNYW DA studies related to move to OWT and interference studies to develop CP Mod parameters. | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$5,000.00 | New York market Coordination - Phase 4 for testing and transition dates. | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---|----------------|-----|
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | Catalog | N/A | N/A |
| Project management of the transition | \$395,000.00 | \$375,000.00 | Outside Project Management of Main/Aux projects at OWT and Aux facility changes at West Orange. | N/A | N/A |
| Sub-total | \$640,245.00 | \$651,650.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | 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 Cost Justification |
|---|-----------------------------|----------------|---|-------------|---------------------------|
| Other Expenses | \$559,190.00 | \$558,585.00 | | \$0.00 | |
| New York Sales Tax | <i>\$355,000.00</i> | \$355,000.00 | NYC Sales Tax 8.875%. Estimate Sales Tax on ~\$4M equipment. | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$11,000.00</i> | \$11,000.00 | 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>\$19,000.00</i> | \$19,000.00 | Myat Storage and Equipment staging and storage off site until ready for on site delivery. | N/A | N/A |

| | | | | | |
|--|--------------------|-------------|--|-----|-----|
| Equipment Delivery and Handling Charges | \$19,500.00 | \$19,500.00 | Staging equipment delivery to OWT Loading Dock. Night / Weekend hours. Teamsters. Myat Inc. | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$95,000.00 | \$95,000.00 | Remove and dispose of transformer oil, glycol, and various transmitter components from ESB Loading Dock. | N/A | N/A |
| Non-zoning permits | \$45,000.00 | \$45,000.00 | City of New York, Building Permits for Mechanical, HVAC, Fire Protection, Electrical and submittals. | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | Catalog | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | Catalog | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | Catalog | N/A | N/A |

| | | | | | |
|---|----------------|----------------|---|----------------|-----|
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | Change CP location from ESB to OWT | N/A | N/A |
| Sub-total | \$559,190.00 | \$558,585.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | N/A | \$1,484,692.81 | N/A |

Components

Information not provided.

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$7,107,587.00 | \$4,791,347.11 | \$1,484,692.81 |

Reimbursement Status

| Question | Response |
|--|----------|
| The facility has ceased operating on its pre-auction channel. | Yes |
| Construction of final facilities or all necessary modifications are complete. | 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>11/20/2019</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.

| | |
|--|---|
| <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>Angelo Servedio <i>Vice President Controller</i></p> <p>11/20/2019</p> |

Attachments