Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: **38336** | Service: **DTV** | Call Sign: **WLIW** | Channel: **32 (UHF)**

File Number: **0000025443**

FRN: **0018265660** | Date Submitted: **11/19/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **WNET**<br>Doing Business As: WNET | Robert A. Feinberg<br>825 EIGHTH AVENUE<br>ATTN: GENERAL COUNSEL<br>NEW YORK, NY 10019<br>United States | +1 (212) 560-6981 | FEINBERG@WNET.ORG | Not-for-Profit |

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

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

## Preparer Contact Information

### Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|---|---|---|
| **Frank Graybill**<br>*Senior Director Engineering*<br>*WNET* | 825 Eighth Avenue<br>New York, NY 10019<br>United States | +1 (212) 560-3506 | graybill@thirteen.org |

## 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 | Relocate primary WLIW transmitter to WTC shared site in New York City. Retain Aux site in Plainview NY. Both Transmitters require replacement. WTC is a shared leased antenna. Plainview antenna requires replacement. |

## Transmitters

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

## Auxiliary Transmitter

### Add Transmitter Information

| Section | Question | Response |
|---|---|---|
| **Existing Transmitter Description** | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary Backup |
| | 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 | Affinity |
| | Year | 2004 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1 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 | THU9-EVO |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 5 kW |
| | Justification for New Transmitter | Replacement of existing Aux transmitter (Thales Comark Affinity) which is no longer supported by manufacturer. To be installed as an Aux at Plainview Long Island. |

## Auxiliary Transmitter

### Other Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **Electrical Service** | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |

| | | |
|---|---|---|
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | 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 leashold improvement? | No |
| | Size | N/A |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

## Auxiliary Transmitter

### Other Transmitter Cost Not Listed

| Name | Description |
|---|---|
| **Commissioning and Proof** | Commissioning and Proof of Aux Transmitter |
| **480V - 400V Step Down Transformer** | 480V - 400V 30 kVA Step down transformer for Transmitter Mains. |
| **Receiving Cost** | Manpower, forklift rental to unload and receive equipment at site. |
| **Mask Filter** | Mask Filter for Channel 32 |
| **Shipping costs** | Shipping from Manufacturer to WLIW Plainview Long Island. |

| | |
|---|---|
| **Transmitter Installation** | Removal of existing Transmitter and installation of new Transmitter. Including Electrical, Conduit and plumbing costs. |

## 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 | Ultimate |
| | Year | 2004 |
| | Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power Capacity | 5 kW |

## Primary Transmitter

### New Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **New Transmitter** | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | THU9-EVO |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 19 kW |
| | Justification for New Transmitter | Existing Thales Comark Ultimate Transmitter is no longer supported by the manufacturer. See Attached. New TX to be installed at NYC World Trade Center. Quote Attached. Cost is prorated for 5kW of the 19kW purchase. |

## Primary 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 leashold improvement? | No |
| | Size | N/A |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

## Primary Transmitter

### Other Transmitter Cost Not Listed

| Name | Description |
|---|---|
| **TAA Filing Fee** | Port Authority Tenant Alteration Application Fee (Construction Permit) |
| **Hot Work Fire Guard** | Hot Work Fire Guard |
| **RF Test Load** | RF Test Load, including interconnect line. |

| | |
|---|---|
| **Fire Inspection** | Fire inspection of Joints and Penetrations |
| **Transmitter Installation Engineering Design** | Professional Engineering Design and Construction Filing |
| **RF Switching** | RF Switching between two Antennas, Combiners & Load. |
| **400V Step Down Transformer** | 480V - 400V 90 kVA step down transformer for Transmitter Mains. |
| **Transmitter Installation Change Order 1** | Debris Removal |
| **Shipping costs** | Shipping cost from Manufacturer to Site. Including consolidation costs. |
| **Commissioning and Proof** | Commissioning and Proof of primary Transmitter. |
| **Transmitter Installtion Change Order 2** | Additional Electric Outlets |
| **Transmitter Installation** | Union Contractor installation of combiner and transmitter components at the WTC. Includes all electrical, mechanical and RF installation. |

## Antennas

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

## Auxiliary Antenna

### Add Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary Backup |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this antenna currently shared with any other stations? | No |
| | Is this antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | 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) | 98.0 kW |

| | |
|---|---|
| Manufacturer | |
| Model | TFU-10DSC-RP234 DC |
| Year | 1999 |

## Auxiliary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary Backup |
| | 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? | No |
| **New Antenna Manufacturer and Types** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | 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) | 114.0 kW |
| | Manufacturer | |
| | Model | TLP-12J-R |

| | | |
|---|---|---|
| | Year | 2019 |
| | Justification for New Antenna | Existing side mount antenna in use as a primary antenna is not Broadband and will not accommodate a change in channel from UHF 21 to 32. |

## Auxiliary 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? | Yes |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |

| | | |
|---|---|---|
| **Sweep Test** | Do you require the sweep testing of transmission line and antenna? | Yes |

## Auxiliary Antenna

### Other Antenna Cost Not Listed

| Name | Description |
|---|---|
| **Freight** | Shipping and handling Estimate. |
| **Transformer 6-75 to 3-50** | Transformer 6-75 to 3-50 CH 32 Jumper Input |
| **Field Engineer Repack Sweep** | Engineer on-site for one day, travel expenses and report. |
| **Reducer 3-50 to 1-50** | Reducer 3-50 to 1-50 Jumper Output |

**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? | No |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 89.9 kW |
| | Manufacturer | |

| | |
|---|---|
| Model | TFU-26GTH-RP233 |
| Year | 2000 |

## 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 Broadcasting |
| | 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 | Bottom |
| | Polarization | Circular |
| | Type | Broadband Panel |
| | Number of Stations Supported | 6 |
| | Number of Panels/Bays | 96 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 700.00 MHz |
| | Design power capacity in use | 60.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 2000.0 kW |
| | Manufacturer | |
| | Model | PEP96L |

| | |
|---|---|
| Year | 2016 |
| Justification for New Antenna | New Building |

## 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 | 1 |
| | 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 |
|---|
| 32 |

**Primary Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

## Transmission Line

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

## Auxiliary Transmission Line

### Add Transmission Line

| Section | Question | Response |
|---|---|---|
| **Existing Transmission Line Description** | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Line to Auxilliary Antenna |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmission currently shared with any other 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 | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 300 feet per run |

## Auxiliary Transmission Line

### New Transmission Line

| Section | Question | Response |
|---|---|---|
| **New Transmission Line Costs** | Use | Auxiliary (Backup) |
| | Description of Use | Switch to Aux Antenna |
| | 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 | 1 |
| | Length | 300 feet per run |
| | Justification for New Transmission Line | Existing line is not compatible with new channel assignment of 32 |

## Auxiliary Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| **TX to Switch Filter Assembly** | Custom Line pieces to Interconnect the Transmitter to the Switch Filter Assembly |

## 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 | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 300 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 | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Other |
| | Other Segment Length | 10 feet |
| | Number of parallel runs | 2 |
| | Length | 140 feet per run |
| | Justification for New Transmission Line | New transmission lines required to each of the Primary and Backup Combiner inputs. |

## Primary Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| **Transmission line TX - Switch - Load interconnect.** | Transmission line custom pieces to interconnect the TX with the Switch and load. |

## Tower Equipment And Rigging Costs

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

## Primary Tower

### Existing Tower

| Section | Question | Response |
|---|---|---|
| **Existing Tower Description** | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | No |
| | One or more FM, AM or TV radio broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| **Existing Tower Structure Registration** | Do you have a tower registration number? | Yes |
| | ASR Number | 1007205 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 40° 47' 19.4" N- |
| | Longitude (NAD83) | 073° 27' 07.4" W- |
| | Overall Structure Height | 324.80 feet |
| | Support Structure Height | 266.73 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 235.89 feet |

| | |
|---|---|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | WNET |
| Date Constructed | 03/30/2004 |

**Primary Tower**

### Tower Modification Costs

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

**Primary Tower**

### Tower Rigging Costs

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

**Primary Tower**

### Other Tower Expenses Not Listed

| Name | Description |
|---|---|
| **Geological Survey** | Geological Survey required to determine ANSI EIA/TIA-222-G code requirements. |

## Outside Professional Services Costs

| Section | Question | Response |
|---|---|---|
| **Outside Project Management Services** | Do you require outside project management services? | No |
| | Number of Hours | N/A |
| | Explanation | N/A |
| **Outside RF consulting Engineering Services** | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| **Attorney and Other Outside Consulting Services** | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |

| | | |
|---|---|---|
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | NEPA Section 106 environmental review | Yes |
| | Environmental Assessment | Yes |
| | ASR Modification | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| **RF Field Engineering Services** | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

## Outside Professional Services Costs

### Other Professional Services Expenses Not Listed

| Name | Description |
|---|---|
| **Local Zoning Permit Expeditor** | Prepare Local Zoning Permit and File with Local Town Agency. |
| **Legal Fees** | Consolidated Legal expenses related to 399 CORES Form 1876 and other FCC related items. |

## 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 | No |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | FCC Special Temporary Authority Application | No |
| **Other Miscellaneous Expenses** | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | No |
| | Does this relocation require Equipment Storage? | No |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

## Other Expenses

### Other Expenses Not Listed

| Name | Description |
| --- | --- |
| **Internal Project Management** | See attached. |

## 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 Justificatio |
|---|---|---|---|---|---|
| **Primary Transmitter THU9-EVO** | **$1,142,871.00** | **$610,571.00** | | **$610,571.00** | |
| Transmitter Installation | ***$247,720.00*** | $247,720.00 | Cost includes installation of TX, Combiner RF Lines & Switches, RF Load and Electrical Service, | $247,720.00 | N/A |
| Transmitter Installtion Change Order 2 | ***$3,700.00*** | $3,700.00 | N/A | $3,700.00 | N/A |
| Commissioning and Proof | ***$29,450.00*** | $29,450.00 | (Cost in Rohde and SJ Ramer Proposals) | $29,450.00 | N/A |
| Shipping costs | ***$19,123.75*** | $19,123.75 | Includes shipping to consolidator Myat and shipping to WTC site. ((Cost in Rohde & Myat Proposals) | $19,123.75 | N/A |
| Transmitter Installation Change Order 1 | ***$2,334.00*** | $2,334.00 | N/A | $2,334.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| 400V Step Down Transformer | ***$4,900.00*** | $4,900.00 | (Cost in Rohde Proposal) | $4,900.00 | N/A |
| RF Switching | ***$32,700.00*** | $32,700.00 | Switching requires to switch between main and auxiliary antenna to allow for climbing and redundancy. (Cost in Rohde Proposal) | $32,700.00 | N/A |
| Transmitter Installation Engineering Design | ***$88,947.25*** | $88,947.25 | N/A | $88,947.25 | N/A |
| Fire Inspection | ***$3,400.00*** | $3,400.00 | Port Authority of NY & NJ Required Fire Inspection. | $3,400.00 | N/A |
| Hot Work Fire Guard | ***$2,596.00*** | $2,596.00 | N/A | $2,596.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | $684,000.00 | $151,700.00 | N/A | $151,700.00 | N/A |
| RF Test Load | ***$17,000.00*** | $17,000.00 | (Cost in Rohde Proposal) | $17,000.00 | N/A |
| TAA Filing Fee | ***$7,000.00*** | $7,000.00 | N/A | $7,000.00 | N/A |
| **Auxiliary Transmitter THU9-EVO** | **$333,961.94** | **$200,461.94** | | **$199,851.94** | |
| Receiving Cost | ***$5,461.94*** | $5,461.94 | N/A | $5,461.94 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Transmitter Installation | ***$29,000.00*** | $29,000.00 | N/A | $28,390.00 | N/A |
| Shipping costs | ***$5,000.00*** | $5,000.00 | Shipping from manufacturer to WLIW Transmitter location | $5,000.00 | N/A |
| Mask Filter | ***$4,800.00*** | $4,800.00 | N/A | $4,800.00 | N/A |
| 480V - 400V Step Down Transformer | ***$2,700.00*** | $2,700.00 | N/A | $2,700.00 | N/A |
| Commissioning and Proof | ***$13,500.00*** | $13,500.00 | N/A | $13,500.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | $273,500.00 | $140,000.00 | N/A | $140,000.00 | N/A |
| **Sub-total** | $1,476,832.94 | $811,032.94 | N/A | $810,422.94 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

## Components

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

| | | |
|---|---|---|
| Transmitter Installation | **Component Description:**<br>**Amount:** | Primary Transmitter Installation (3 of 3)<br>$99,088.00 |
| | **Component Description:**<br>**Amount:** | Primary Transmitter Installation (1 of 3)<br>$74,316.00 |
| | **Component Description:**<br>**Amount:** | Primary Transmitter Installation (2 of 3)<br>$74,316.00 |
| Transmitter Installtion Change Order 2 | **Component Description:**<br>**Amount:** | Installation of additional circuits<br>$3,700.00 |

| | | |
|---|---|---|
| Commissioning and Proof | **Component Description:** | Commissioning and Proof - Prorated (Partial of Total Invoice) |
| | **Amount:** | $3,375.00 |
| | **Component Description:** | Transmitter - Commissioning and Proof - SJ Ramer |
| | **Amount:** | $10,750.00 |
| | **Component Description:** | Proof Performance |
| | **Amount:** | $5,200.00 |
| | **Component Description:** | Commissioning and Proof - Prorated (Partial of Total Invoice) |
| | **Amount:** | $10,125.00 |
| Shipping costs | **Component Description:** | Shipping and Consolidation (and needs to be combined with other invoices from Myat and the Rhode and Schwarz invoice) |
| | **Amount:** | $6,685.00 |
| | **Component Description:** | Shipping - Prorated (Partial of Total Invoice) and needs to be combined with other invoices from Myat and Rohde & Schwarz |
| | **Amount:** | $2,000.00 |

| | | |
|---|---|---|
| | **Component Description:** | Shipping - Prorated (Partial of Total Invoice) and needs to be combined with other invoices from Myat and Rohde & Schwarz |
| | **Amount:** | $6,000.00 |
| | **Component Description:** | Shipping and Consolidation (and needs to be combined with other invoices from Myat and the Rhode and Schwarz invoice) |
| | **Amount:** | $1,630.00 |
| | **Component Description:** | Shipping and Consolidation (and needs to be combined with other invoices from Myat and the Rhode and Schwarz invoice) |
| | **Amount:** | $2,808.75 |
| Transmitter Installation Change Order 1 | **Component Description:** | Debris removal |
| | **Amount:** | $2,334.00 |

| | | |
|---|---|---|
| 400V Step Down Transformer | **Component Description:** | Step Down Transformer - Prorated and Partial of Total Invoice |
| | **Amount:** | $1,225.00 |
| | **Component Description:** | Step Down Transformer - Prorated and Partial of Total Invoice |
| | **Amount:** | $3,675.00 |
| RF Switching | **Component Description:** | RF Output Switching (Partial of Total Invoice) |
| | **Amount:** | $24,525.00 |
| | **Component Description:** | RF Output Switching (Partial of Total Invoice) |
| | **Amount:** | $8,175.00 |

| | | |
|---|---|---|
| Transmitter Installation Engineering Design | **Component Description:** | Transmitter Installation Engineering Design (1 of 3) |
| | **Amount:** | $70,751.70 |
| | **Component Description:** | Transmitter Installation Engineering Design (2 of 3) |
| | **Amount:** | $9,300.00 |
| | **Component Description:** | Transmitter Installation Engineering Design (3 of 3) |
| | **Amount:** | $8,895.55 |
| Fire Inspection | **Component Description:** | Primary Transmitter Fire Inspection |
| | **Amount:** | $3,400.00 |
| Hot Work Fire Guard | **Component Description:** | Hot work Fire Guard |
| | **Amount:** | $2,596.00 |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | | |

| | |
|---|---|
| **Component Description:** | THU9-EVO Transmitter Prorated for Transmitter Upgrade (Partial of total Invoice). Submitting reimbursement for a 5kW however we are purchasing a 19kW. |
| **Amount:** | $113,775.00 |
| **Component Description:** | THU9-EVO Transmitter Prorated for Transmitter Upgrade (Partial of total Invoice). Submitting reimbursement for a 5kW however we are purchasing a 19kW. |
| **Amount:** | $37,925.00 |
| **Component Description:** | THU9-EVO Transmitter Prorated for Transmitter Upgrade (Partial of total Invoice). Submitting reimbursement for a 5kW however we are purchasing a 19kW. |
| **Amount:** | $113,775.00 |

| | | |
|---|---|---|
| | **Component Description:** | THU9-EVO Transmitter Prorated for Transmitter Upgrade (Partial of total Invoice). Submitting for a 5kW however we are purchasing a 19kW. |
| | **Amount:** | $37,925.00 |
| | **Component Description:** | THU9-EVO Transmitter Prorated for Transmitter Upgrade (Partial of total Invoice). Submitting for a 5kW however we are purchasing a 19kW. |
| | **Amount:** | $113,775.00 |
| RF Test Load | | |
| | **Component Description:** | RF Test Load - Prorated (Partial of Total Invoice) |
| | **Amount:** | $12,750.00 |
| | **Component Description:** | RF Test Load - Prorated (Partial of Total Invoice) |
| | **Amount:** | $4,250.00 |
| TAA Filing Fee | | |
| | **Component Description:** | TAA Fee |
| | **Amount:** | $7,000.00 |

| | | |
|---|---|---|
| Receiving Cost | **Component Description:**<br>**Amount:** | Aux Transmitter receiving cost<br>$5,461.94 |
| Transmitter Installation | **Component Description:**<br>**Amount:** | WLIW Plainview Transmitter Install Payment #1<br>$14,500.00 |
| | **Component Description:**<br>**Amount:** | WLIW Plainview Transmitter Install Payment #2<br>$11,050.00 |
| | **Component Description:**<br>**Amount:** | WLIW Plainview Transmitter Install Payment #3<br>$2,840.00 |
| Shipping costs | **Component Description:**<br>**Amount:** | Rohde and Schwarz Plainview Shipping Cost (Portion of $41,500)<br>$5,000.00 |
| Mask Filter | **Component Description:**<br>**Amount:** | Rohde and Schwarz - Plainview Transmitter - Mask Filter (Portion of $41,500)<br>$4,800.00 |

| | | |
|---|---|---|
| 480V - 400V Step Down Transformer | **Component Description:** | Rohde and Schwarz Plainview Transmitter -Step Down Transformer (Portion of $41,500) |
| | **Amount:** | $2,700.00 |
| Commissioning and Proof | **Component Description:** | Rohde and Schwarz Plainview Transmitter Commissioning and Proof (Portion of $41,500) |
| | **Amount:** | $13,500.00 |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | **Component Description:** | Rohde & Schwarz Plainview Transmitter (Portion of $41,500) |
| | **Amount:** | $15,500.00 |
| | **Component Description:** | Rohde & Schwarz Plainview Transmitter |
| | **Amount:** | $124,500.00 |

## Cost Information

### Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Antenna PEP96L** | **$90,930.00** | **$222,035.59** | | **$218,535.59** | |
| Adding a module to existing combiner (without antenna) | $84,200.00 | $217,535.59 | Adding a main and backup input module to existing combiner. Includes installation supervision and commissioning. Also includes "Air Freight" vs. "Sea Freight" from Australia | $217,535.59 | Shipped from Australia "Air Freight " vs "Sea Freight" which was on the original quote. |
| Sweep test of existing antenna | $6,730.00 | $4,500.00 | N/A | $1,000.00 | N/A |
| UHF - High Power Top Mount Six Station broadband panel antenna elliptically or circularly polarized | ***$0.00*** | $0.00 | Antenna is leased and shared with 6+ stations. | $0.00 | N/A |
| **Auxiliary Antenna TLP-12J-R** | **$149,377.00** | **$60,560.00** | | **$55,529.50** | |
| Transformer 6-75 to 3-50 | ***$2,484.00*** | $2,484.00 | N/A | $2,484.00 | N/A |
| Freight | ***$2,760.00*** | $2,760.00 | N/A | $2,760.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Field Engineer Repack Sweep | ***$6,400.00*** | $6,400.00 | N/A | $6,400.00 | N/A |
| Reducer 3-50 to 1-50 | ***$893.00*** | $893.00 | N/A | $893.00 | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $7,650.00 | N/A | $7,650.00 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | $12,300.00 | $6,700.00 | N/A | $6,700.00 | N/A |
| Sweep test of existing antenna | $6,730.00 | $2,900.00 | Please see the Attached Advent invoice for a line sweep which has already been performed. | $2,869.50 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | $89,400.00 | $25,773.00 | See attached Dielectric proposal. | $25,773.00 | N/A |
| **Sub-total** | $240,307.00 | $282,595.59 | N/A | $274,065.09 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Adding a module to existing combiner (without antenna) | **Component Description:** | Partial of Combiner Modules - We acknowledge that we are submitting for less than the invoice amount. The amount requested differs from the invoice amount due to the tax. WNET/WLIW is tax exempt. Form attached. |
| | **Amount:** | $28,680.00 |
| | **Component Description:** | Partial of Combiner Modules Invoice with invoice difference explanation |
| | **Amount:** | $188,855.59 |

| | | |
|---|---|---|
| Sweep test of existing antenna | **Component Description:**<br>**Amount:** | Sweep Test<br>$1,000.00 |
| UHF - High Power Top Mount Six Station broadband panel antenna elliptically or circularly polarized | Information not provided. | |
| Transformer 6-75 to 3-50 | **Component Description:**<br>**Amount:** | This is the 10% portion payment (Total 3 payments for this vendor)<br>$248.40 |
| | **Component Description:**<br>**Amount:** | This is the first 45% portion payment (Total 3 payments for this vendor)<br>$1,117.80 |
| | **Component Description:**<br>**Amount:** | This is the second 45% portion payment (Total 3 payments for this vendor)<br>$1,117.80 |

| | | |
|---|---|---|
| Freight | **Component Description:** | This is the 10% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $276.00 |
| | **Component Description:** | This is the first 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $1,242.00 |
| | **Component Description:** | This is the second 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $1,242.00 |
| Field Engineer Repack Sweep | **Component Description:** | This is the 10% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $640.00 |
| | **Component Description:** | This is the first 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $2,880.00 |
| | **Component Description:** | This is the second 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $2,880.00 |

| | | |
|---|---|---|
| Reducer 3-50 to 1-50 | **Component Description:**<br>**Amount:** | This is the 10% portion payment (Total 3 payments for this vendor)<br>$89.30 |
| | **Component Description:**<br>**Amount:** | This is the first 45% portion payment (Total 3 payments for this vendor)<br>$401.85 |
| | **Component Description:**<br>**Amount:** | This is the second 45% portion payment (Total 3 payments for this vendor)<br>$401.85 |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. | |

| | | |
|---|---|---|
| Side mount brackets for high power antennas (if not included in antenna base cost) | **Component Description:** | This is the 10% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $765.00 |
| | **Component Description:** | This is the first 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $3,442.50 |
| | **Component Description:** | This is the second 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $3,442.50 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | **Component Description:** | This is the 10% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $670.00 |
| | **Component Description:** | This is the first 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $3,015.00 |
| | **Component Description:** | This is the second 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $3,015.00 |

| | | |
|---|---|---|
| Sweep test of existing antenna | **Component Description:**<br><br><br><br><br><br><br>**Amount:** | Sweep of Auxiliary Antenna line. Main line and Antenna will not be installed at this site. (50% of invoice amount)<br>$2,869.50 |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | **Component Description:**<br><br><br>**Amount:** | This is the 10% portion payment (Total 3 payments for this vendor)<br>$2,577.30 |
| | **Component Description:**<br><br><br><br>**Amount:** | This is the first 45% portion payment (Total 3 payments for this vendor)<br>$11,597.85 |
| | **Component Description:**<br><br><br><br>**Amount:** | This is the second 45% portion payment (Total 3 payments for this vendor)<br>$11,597.85 |

## 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** | **$45,209.23** | **$51,374.23** | | **$51,374.23** | |
| Rigid Transmission Line - copper, 4 1 /16" | $39,760.00 | $45,925.00 | Transmission line from output of switch assembly fine matcher to Combiner Inputs. | $45,925.00 | N/A |
| Transmission line TX - Switch - Load interconnect. | ***$5,449.23*** | $5,449.23 | Misc. Line lengths & matchers between TX and Switch Assembly and load. | $5,449.23 | N/A |
| **Auxiliary Transmission Line** | **$67,962.87** | **$61,799.87** | | **$61,799.77** | |
| TX to Switch Filter Assembly | ***$7,362.87*** | $7,362.87 | New Transmission line required to connect the Transmitter to the Switch and filter assembly. | $7,362.77 | N/A |
| Rigid Transmission Line - copper, 6 1/8" | $60,600.00 | $54,437.00 | Cost includes shipping. | $54,437.00 | The estimated cost will be adjusted to add in the . 10 cent difference. |

| | | | | | |
|---|---|---|---|---|---|
| **Sub-total** | $113,172.10 | $113,174.10 | N/A | $113,174.00 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Rigid Transmission Line - copper, 4 1/16" | **Component Description:**<br>**Amount:** | Rigid Transmission Line<br>$31,130.00 |
| | **Component Description:**<br>**Amount:** | Rigid Transmission Line<br>$14,795.00 |
| Transmission line TX - Switch - Load interconnect. | **Component Description:**<br>**Amount:** | One of two vendor payments for the total of this line item.<br>$4,060.00 |
| | **Component Description:**<br>**Amount:** | One of two vendor payments for the total of this line item.<br>$1,389.23 |
| TX to Switch Filter Assembly | **Component Description:**<br>**Amount:** | Tx to Switch Filter Assembly - Myat<br>$993.95 |
| | **Component Description:**<br>**Amount:** | TX to Switch Filter Assembly<br>$6,368.82 |

| | | |
|---|---|---|
| Rigid Transmission Line - copper, 6 1/8" | **Component Description:** | This is the 10% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $5,320.80 |
| | **Component Description:** | This is the first 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $23,943.65 |
| | **Component Description:** | This is the second 45% portion payment (Total 3 payments for this vendor) |
| | **Amount:** | $23,943.65 |
| | **Component Description:** | Rigid Transmission Line- Revised attachment with explanation for expedited shipping |
| | **Amount:** | $1,228.90 |

## Cost Information

### Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Tower GTOWER** | **$265,377.00** | **$318,478.00** | | **$318,478.00** | |
| Minor tower reinforcement /modifications | $158,000.00 | $152,386.00 | Please See attached proposal. | $152,386.00 | N/A |
| Short Tower (less than 500') | $84,200.00 | $146,565.00 | Rigging and installation cost for the Auxiliary antenna in Plainview. | $146,565.00 | N/A |
| Geological Survey | ***$10,577.00*** | $10,577.00 | See Attached Invoice. | $10,577.00 | N/A |
| Structural engineering tower load study for well documented tower | $12,600.00 | $8,950.00 | See Attached Invoices. | $8,950.00 | N/A |
| **Sub-total** | $265,377.00 | $318,478.00 | N/A | $318,478.00 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

### Components

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

| | | |
|---|---|---|
| Minor tower reinforcement /modifications | **Component Description:**<br>**Amount:** | Tower Restructure Payment 3 Final.<br>$12,735.00 |
| | **Component Description:**<br>**Amount:** | Tower Restructure Payment 2.<br>$38,000.00 |
| | **Component Description:**<br>**Amount:** | Tower Restructure Payment 1.<br>$101,651.00 |
| Short Tower (less than 500') | **Component Description:**<br>**Amount:** | Short Tower - US Tower Invoice<br>$132,200.00 |
| | **Component Description:**<br>**Amount:** | Short Tower<br>$14,365.00 |
| Geological Survey | **Component Description:**<br>**Amount:** | Supervision, Labor and equipment to perform a geological survey for the foundations.<br>$10,577.00 |

| | | |
|---|---|---|
| Structural engineering tower load study for well documented tower | **Component Description:** | Structural Eng Tower Load Study |
| | **Amount:** | $795.00 |
| | **Component Description:** | Tower Restructure Engineering Analysis |
| | **Amount:** | $8,155.00 |

## Cost Information

### Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cos Justificatic |
|---|---|---|---|---|---|
| **Outside Professional Services** | **$167,235.00** | **$146,700.00** | | **$34,154.82** | |
| Legal Fees | ***$26,000.00*** | $26,000.00 | Consolidation of all various FCC related legal expenses. | $25,479.82 | N/A |
| Local Zoning Permit Expeditor | ***$1,600.00*** | $1,600.00 | N/A | $1,600.00 | N/A |
| Comprehensive coverage verification via field study, if needed | $84,200.00 | $80,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | $10,520.00 | $10,000.00 | N/A | N/A | N/A |
| NEPA Section 106 environmental review, if needed | $6,310.00 | $6,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | $3,680.00 | $0.00 | Moved to "Legal Fees" category | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | $2,365.00 | $0.00 | Moved to "Legal Fees" category | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | $4,210.00 | $0.00 | Moved to "Legal Fees" category | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $0.00 | Moved to "Legal Fees" category | N/A | N/A |
| Prepare request for Special Temporary Authorization | $2,050.00 | $1,500.00 | N/A | $600.00 | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | $1,580.00 | $1,500.00 | N/A | $1,375.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $2,100.00 | Cost as billed from Engineering Consultant | $2,100.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | $2,105.00 | $3,000.00 | ????? | $3,000.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | $3,155.00 | $3,000.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| **Sub-total** | $167,235.00 | $146,700.00 | N/A | $34,154.82 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

## Components

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

Legal Fees

| | |
|---|---|
| **Component Description:** | FCC related Legal fees |
| **Amount:** | $545.62 |
| **Component Description:** | FCC related Legal fees |
| **Amount:** | $156.25 |
| **Component Description:** | FCC related Legal fees |
| **Amount:** | $493.87 |
| **Component Description:** | FCC related Legal fees |
| **Amount:** | $428.62 |
| **Component Description:** | FCC related Legal Fees |
| **Amount:** | $1,343.25 |
| **Component Description:** | FCC related Legal Fees |
| **Amount:** | $411.75 |
| **Component Description:** | FCC related Legal Fees |
| **Amount:** | $1,063.12 |
| **Component Description:** | FCC related Legal Fees |
| **Amount:** | $823.50 |
| **Component Description:** | FCC related Legal fees |
| **Amount:** | $984.37 |

**Component Description:** FCC related Legal fees
**Amount:** $2,848.50

**Component Description:** FCC related Legal fees
**Amount:** $272.50

**Component Description:** FCC related Legal fees
**Amount:** $2,525.63

**Component Description:** FCC related Legal fees
**Amount:** $1,592.98

**Component Description:** FCC related Legal fees
**Amount:** $1,281.37

**Component Description:** FCC related Legal fees
**Amount:** $5,435.49

**Component Description:** FCC related Legal fees
**Amount:** $305.00

**Component Description:** FCC related Legal Fees
**Amount:** $877.50

**Component Description:** FCC related Legal Fees
**Amount:** $2,855.25

| | | |
|---|---|---|
| | **Component Description:**<br>**Amount:** | FCC related Legal Fees<br>$1,235.25 |
| Local Zoning Permit Expeditor | **Component Description:**<br>**Amount:** | Local Zoning Permit<br>$1,600.00 |
| Comprehensive coverage verification via field study, if needed | Information not provided. | |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided. | |
| NEPA Section 106 environmental review, if needed | Information not provided. | |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. | |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. | |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. | |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. | |
| Prepare request for Special Temporary Authorization | **Component Description:**<br>**Amount:** | Prepare request for special temporary authorization<br>$600.00 |

| | | |
|---|---|---|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | **Component Description:**<br><br>**Amount:** | RF Consulting Engineering Fees- Aux Antenna<br>$250.00 |
| | **Component Description:**<br>**Amount:** | Aux Antenna<br>$1,125.00 |
| | **Component Description:**<br><br>**Amount:** | RF Consult Eng Fees for FCC Form Prep<br>$1,125.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | **Component Description:**<br>**Amount:** | Main Antenna<br>$2,100.00 |
| | **Component Description:**<br><br>**Amount:** | Prepare Eng Section of FCC Form<br>$2,100.00 |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | **Component Description:**<br><br>**Amount:** | RF Consulting Engineer<br>$625.00 |
| | **Component Description:**<br><br>**Amount:** | RF Consult Eng Fees - Aux Antenna<br>$2,375.00 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. | |

| | |
|---|---|
| Perform engineering study for new channel assignment and antenna development | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
| Prepare and or review reimbursement form | 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** | **$72,035.00** | **$65,735.00** | | **$7,471.00** | |
| Internal Project Management | ***$32,000.00*** | $32,000.00 | See attached Exhibit. | N/A | N/A |
| MVPD Notification of Channel Change | ***$1,500.00*** | $1,500.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | ***$4,985.00*** | $4,985.00 | Please see attached Estimate Detail. | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$12,000.00*** | $12,000.00 | Disposal of existing transmitters and installation debris for both main and aux. | N/A | N/A |
| Local Zoning | ***$10,000.00*** | $10,000.00 | N/A | $2,221.00 | N/A |
| DTV Medical Facility Notification | $11,550.00 | $5,250.00 | N/A | $5,250.00 | N/A |
| **Sub-total** | $72,035.00 | $65,735.00 | N/A | $7,471.00 | N/A |
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | N/A | $1,557,765.85 | N/A |

### Components

| Actual Information Description | File Name |
|---|---|
| Internal Project Management | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Local Zoning | **Component Description:** Town of Oyster Bay Permit Application Fee. Payment 2 Final and cancelled check as requested<br>**Amount:** $2,121.00<br><br>**Component Description:** Town of Oyster Bay Construction Permit Application Payment #1 (Copy of Cancelled Check included per FCC request)<br>**Amount:** $100.00<br><br>**Component Description:** Moved to Professional Services as directed by Repack Administrator<br>**Amount:** N/A |

| | | |
|---|---|---|
| DTV Medical Facility Notification | **Component Description:** | DTV Medical Facility Notification |
| | **Amount:** | $5,250.00 |

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $2,334,959.04 | $1,737,715.63 | $1,557,765.85 |

## 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** | 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. | |
| | 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.<br>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

| | | |
|---|---|---|
| | 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Frank Graybill**<br>*Senior Director of Engineering*<br><br>11/19/2020 |

## Certification

| Section | Question | Response |
| --- | --- | --- |
| **Submission of Actual Cost Documentation Statements** | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733). | |
| | 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.<br>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.<br>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.<br>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. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Frank Graybill**<br>*Senior Director of Engineering*<br><br>11/19/2020 |

## Attachments