

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

| Facility        | 70158    | Service: DCA | Call  | WVVH-CD | Channel: 18 (UHF) |
|-----------------|----------|--------------|-------|---------|-------------------|
| ID:             |          |              | Sign: |         |                   |
| File            | 000002   | 6842         |       |         |                   |
| Number:         |          |              |       |         |                   |
| FRN: <b>000</b> | 04934246 | Date         | 10/31 |         |                   |
|                 |          | Submitted:   | /2019 |         |                   |

#### Applicant Name, Type, and Contact Information

### Applicant Information

| Applicant  | Address   | Phone                 | Email              | Applicant<br>Type |
|--|---|-----------------------|--------------------|-------------------|
| <b>Video Voice., Inc.</b><br>Doing Business As:<br>WVVH-TV | Ernest Schimizzi<br>PO Box 769<br>Wainscott, NY<br>11975<br>United States | +1 (917) 559-<br>3323 | wvvhtv@aol.<br>com | Corporation       |

#### Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer               | Preparer Contact Name and Information              |         |       |       |  |
|------------------------|--|---------|-------|-------|--|
| Contact<br>Information | Applicant  | Address | Phone | Email |  |
|                        | The Preparer is same as the reimbursement contact. |         |       |       |  |

| Broadcaster | Question | Response |
|-------------|----------|----------|
| Information |          |          |
| and         |          |          |
| Transition  |          |          |
| Plan        |          |          |

| Will the station be sharing equipment with<br>another broadcast television station or<br>stations (e.g., a shared antenna, co-location<br>on a tower, use of the same transmitter<br>room, multiple transmitters feeding a<br>combiner, etc.)? If yes, enter the facility ID's<br>of the other stations and click 'prefill' to<br>download those stations' licensing<br>information. | No   |
|--|--|
| Briefly describe transition plan   | Remove and replace existing antenna.<br>Install new transmission line and new Main<br>Transmitter. |

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

| Primary     | Existing Transmitter Information    |  |                   |  |  |
|-------------|-------------------------------------|--|-------------------|--|--|
| Transmitter | Section                             | Question   | Response          |  |  |
|             | Existing Transmitter<br>Description | Type of change   | Purchase<br>New   |  |  |
|             |                                     | Use  | Primary<br>(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   |                   |  |  |
|             | Manufacturer and Type               | Model  | AT71-500-<br>10   |  |  |
|             |                                     | Year   | 2011              |  |  |
|             |                                     | Туре   | Solid State       |  |  |
|             |                                     | Solid State Cooling  | Air Cooled        |  |  |
|             |                                     | Solid State Power Capacity                                 | 0.5 kW            |  |  |

## **Existing Transmitter Information**

| Primary     | New Transmitter Costs |   |   |  |  |
|-------------|-----------------------|---|---|--|--|
| Transmitter | Section               | Question                                  | Response  |  |  |
|             | New Transmitter       | Use                                       | Primary (Main)  |  |  |
|             |                       | Change Type                               | Purchase New  |  |  |
|             |                       | Is this a request for upgraded equipment? | No  |  |  |
|             |                       | Manufacturer                              |   |  |  |
|             |                       | Model                                     | EC710MP-BB  |  |  |
|             |                       | Transmitter Type                          | Solid State   |  |  |
|             |                       | Solid State Cooling                       | Air Cooled  |  |  |
|             |                       | Solid State Power capacity                | 1.0 kW  |  |  |
|             |                       | Justification for New Transmitter         | Existing<br>Transmitter<br>can not be<br>retuned as per<br>manufacturer<br>COMARK.<br>Their<br>announcement<br>attached "AT<br>Series<br>Transmitter<br>Retuning<br>Options". |  |  |

#### **Other Transmitter Costs**

| Primary     | Other Transmitter Costs |                                       |          |  |
|-------------|-------------------------|---------------------------------------|----------|--|
| Transmitter | 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              | Yes      |  |
|             |                         | Size                                  | 2 inches |  |
|             |                         |                                       |          |  |

|   | Length   | 100.0 feet   |
|---|--|--|
|   | Other Electrical Service   | Yes  |
|   | Description  | Conduit<br>and wiring<br>run from<br>switch<br>panel to<br>new<br>transmitter.<br>Lightning<br>Surge<br>Protector. |
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | Yes  |
|   | Туре   | Cooling<br>Only  |
|   | Size   | 5 tons   |
|   | Other Size   | N/A  |
| Transmitter Building<br>Addition/Modification or<br>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 Other Transmitter Cost Not Listed

Transmitter Information not provided.

| Antennas Section |               | Question                              | Response |
|------------------|---------------|---------------------------------------|----------|
| Antenna Rela     | ated Expenses | Do you have antenna related expenses? | Yes      |

| Primary | Existing Antenna Information    |  |                   |  |  |
|---------|---------------------------------|--|-------------------|--|--|
| Antenna | Section                         | Question   | Response          |  |  |
|         | Existing Antenna<br>Description | Type of change   | Purchase<br>New   |  |  |
|         |                                 | Antenna Use  | Primary<br>(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                | Class  | Class A           |  |  |
|         | Manufacturer and Type           | Mounting   | Side Mount        |  |  |
|         |                                 | Antenna position in stack  | Not in Stack      |  |  |
|         |                                 | Polarization   | Horizontal        |  |  |
|         |                                 | Туре   | 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   | Yagi              |  |  |
|         |                                 | ERP: (Effective Radiated Power)                                  | 15.0 kW           |  |  |
|         |                                 | Manufacturer   |                   |  |  |
|         |                                 |  |                   |  |  |

| Model    | AST0607330 |
|----------|------------|
| <br>Year | 2011       |

| Primary | New Antenna Costs         |  |                    |  |  |
|---------|---------------------------|--|--------------------|--|--|
| Antenna | Section                   | Question   | Response           |  |  |
|         | New Antenna               | Use  | Primary (Main)     |  |  |
|         | Description               | Description of Use   | N/A                |  |  |
|         |                           | Change Type  | Purchase New       |  |  |
|         |                           | Is this a request for upgraded equipment?                            | Yes                |  |  |
|         |                           | Ownership  | Owned              |  |  |
|         |                           | Owner  | N/A                |  |  |
|         |                           | Is antenna shared?   | No                 |  |  |
|         |                           | Is antenna directional?  | Yes                |  |  |
|         |                           | Will antenna be located on or in close proximity to an antenna farm? | No                 |  |  |
|         | New Antenna               | Class  | Class A            |  |  |
|         | Manufacturer and<br>Types | Mounting   | Side Mount         |  |  |
|         |                           | Antenna position in stack  | Not in Stack       |  |  |
|         |                           | Polarization   | Elliptical         |  |  |
|         |                           | Туре   | 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)                                      | 15.0 kW            |  |  |
|         |                           | Manufacturer   |                    |  |  |
|         |                           | Model  | PSILP8SLVVH-<br>18 |  |  |
|         |                           | Year   | 2018               |  |  |

#### Other Antenna Costs **Primary** Antenna Section Question Response Do you need a Combiner for a Shared No **Combiner for Shared** Antenna Antenna? Type Number of channels supported N/A Frequencies of channels supported N/A Frequency N/A Do you need a combiner output splitter N/A /switcher for dual feed lines? Do you require the separate purchase of No **Elbow Complex** the Elbow Complex? Broadband or Single Channel? N/A N/A Feed Line Size **Side Mount Brackets** Do you require the separate purchase of No side mount brackets for a high power antenna? **Pattern Scatter Analysis** Do you require separate purchase of No pattern scatter analysis for a side mount high or medium power antenna? Do you require the sweep testing of Yes Sweep Test transmission line and antenna?

#### Primary Other Antenna Cost Not Listed

Primary Antenna

Information not provided.

| Transmissior | n Seffien                             | Question  | Response |
|--------------|---------------------------------------|---|----------|
|              | Transmission Line<br>Related Expenses | Do you have transmission line related expenses? | Yes      |

| Primary     | Existing Transmission Line                |  |                     |  |
|-------------|---|--|---------------------|--|
| Transmissio | on Line<br>Section                        | Question   | Response            |  |
|             | Existing Transmission<br>Line Description | Type of change   | Purchase<br>New     |  |
|             |   | Use  | Primary<br>(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                     | Manufacturer   |                     |  |
|             | Line Manufacturer and<br>Type             | Туре   | Flexible<br>Foam    |  |
|             |   | Diameter   | 7/8 inches          |  |
|             |   | Other Diameter   | N/A                 |  |
|             |   | Segment Length   | N/A                 |  |
|             |   | Other Segment Length   | N/A                 |  |
|             |   | Number of parallel runs  | 1                   |  |
|             |   | Length   | 400 feet<br>per run |  |

**Existing Transmission Line** 

| Primary     | New Transmission Line          |   |  |
|-------------|--------------------------------|---|--|
| Transmissio | n Section                      | Question                                  | Response   |
|             | New Transmission Line<br>Costs | Use                                       | Primary (Main)   |
|             |                                | Description of Use                        | N/A  |
|             |                                | Change Type                               | Purchase New   |
|             |                                | Is this a request for upgraded equipment? | No   |
|             |                                | Туре                                      | Flexible Foam  |
|             |                                | Diameter                                  | 7/8 inches   |
|             |                                | Other Diameter                            | N/A  |
|             |                                | Segment Length                            | N/A  |
|             |                                | Other Segment Length                      | N/A  |
|             |                                | Number of parallel runs                   | 1  |
|             |                                | Length                                    | 400 feet per<br>run  |
|             |                                | Justification for New Transmission Line   | Present<br>Transmission<br>Line worn.<br>We are<br>located near<br>the water and<br>environmental<br>conditions<br>and salt water<br>have<br>degraded the<br>present<br>transmission<br>line and<br>needs to be<br>replaced. |

# Primary Other Transmission Line Expenses Not Listed

Transmission to metion not provided.

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

| mary | Existing | Tower |
|------|----------|-------|
|      |          |       |

| Primary | Existing Tower  |   |                      |  |  |
|---------|---|---|----------------------|--|--|
| Tower   | Section   | Question  | Response             |  |  |
|         | Existing Tower<br>Description                                     | Type of change  | Modify<br>Existing   |  |  |
|         |   | Tower Use   | Primary<br>(Main)    |  |  |
|         |   | Description of Use                                      | N/A                  |  |  |
|         |   | Ownership   | Owned                |  |  |
|         |   | Is this tower consider Complex?                         | Located on Building  |  |  |
|         |   | 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?            | No                   |  |  |
|         |   | Is tower compliant with Rev G?                          | Unknown              |  |  |
|         | Existing Tower Structure  | Do you have a tower registration number?                | No                   |  |  |
|         | Registration  | ASR Number  |                      |  |  |
|         | Coordinates ( <u>NAD83 (</u><br>North American Datum of<br>1983)) | Latitude (NAD83)  | 40° 57'<br>20.0" N-  |  |  |
|         |   | Longitude (NAD83)                                       | 072° 15'<br>14.0" W- |  |  |
|         |   | Overall Structure Height                                | 18.30 feet           |  |  |
|         |   | Support Structure Height                                | 15.20 feet           |  |  |
|         |   |   | -                    |  |  |

| Ground Elevation Above Mean Sea Level<br>(AMSL) | 16.00 feet                       |
|---|----------------------------------|
| Structure Type                                  | BTWR -<br>Building<br>with Tower |
| Tower Owner                                     | Video<br>Voice, Inc.             |
| Date Constructed                                | 01/01/2011                       |

#### **Tower Modification Costs** Primary

Tower

Tower

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

#### **Tower Rigging Costs** Primary

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

### Other Tower Expenses Not Listed

Primary Tower Information not provided.

| Outside      | Section  | Question   | Response   |
|--------------|--|--|--|
| Professional | Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes  |
|              |  | Number of Hours  | 645  |
|              |  | Explanation  | Please see<br>the<br>attached<br>quote from<br>Widelity;<br>also, the<br>Pattern<br>analysis<br>Antenna<br>Spec<br>Transmitter<br>Spec.<br>Building<br>drawings,<br>installation<br>Supervision<br>Accounting,<br>Internal,<br>Legal.        |
|              | Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes  |
|              |  | Prepare engineering section of Form FCC<br>Construction Permit Application   | 645<br>Please see<br>the<br>attached<br>quote from<br>Widelity;<br>also, the<br>Pattern<br>analysis<br>Antenna<br>Spec<br>Transmitter<br>Spec.<br>Building<br>drawings,<br>installation<br>Supervision<br>Accounting,<br>Internal,<br>Legal. |
|              |  | For Auxiliary Facility   | No   |
|              |  | For Main Facility  | Yes  |
|              |  | Prepare engineering section of Form FCC<br>License to Cover Application      | Yes  |
|              |  | For Auxiliary Facility   | No   |
|              |  | For Main Facility  | Yes  |
|              |  | Prepare request for Special Temporary<br>Authority                           | No   |
|              |  | Quantity   | N/A  |
|              |  | Do you have Distributed Transmission<br>System engineering services?         | N/A  |

|  | Critical Facility  | N/A |
|--|--|-----|
|  | Terrain-Shielded Facility  | N/A |
| Attorney and Other<br>Outside Consulting<br>Services | Prepare and file Form FCC Construction<br>Permit Application                               | Yes |
|  | For Auxiliary Facility   | No  |
|  | For Main Facility  | Yes |
|  | Prepare and file Form FCC License to Cover Application                                     | Yes |
|  | For Auxiliary Facility   | No  |
|  | For Main Facility  | Yes |
|  | Prepare request for Special Temporary<br>Authority   | No  |
|  | Quantity   | N/A |
|  | NEPA Section 106 environmental review  | No  |
|  | Environmental Assessment   | No  |
|  | ASR Modification   | No  |
|  | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|  | Negotiation of Lease and other Matter for Shared Locations                                 | Yes |
|  | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|  | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering<br>Services                     | Comprehensive coverage verification via field study  | Yes |
|  | RF exposure measurements   | No  |
|  | Additional Field Engineering Service   | Yes |
|  | Number of Days   | 4   |

Antenna Sweep and transmitter installation and proofing

# Outside Other Professional Services Expenses Not Listed

Professional Services Costsided.

| Other    | Section                         | Question  | Response |  |  |  |
|----------|---------------------------------|---|----------|--|--|--|
| Expenses | AM Pattern Disturbance          | Is an Impact Study needed?  | No       |  |  |  |
|          |                                 | Is Remediation needed?  | No       |  |  |  |
|          | Facility Expenses               | Name  | N/A      |  |  |  |
|          |                                 | Other Distributed Transmission System<br>Expenses Not listed  | N/A      |  |  |  |
|          |                                 | Is Remediation needed?NoNameN/AOther Distributed Transmission System<br>Expenses Not listedN/ANameN/ANameN/AIs Notification of a Medical Facility required<br>as a result of DTV broadcasting?YesLocal ZoningYesNon-zoning permitsYesBLM or NFS CoordinationNoFCC Construction Permit Minor ChangeYesFCC License to Cover ApplicationYesFCC Special Temporary Authority<br>ApplicationNoDoes this relocation require paying<br> |          |  |  |  |
|          |                                 |   | Yes      |  |  |  |
|          | Permit and Filing Costs         | Local Zoning  | Yes      |  |  |  |
|          |                                 | Non-zoning permits  | Yes      |  |  |  |
|          |                                 | BLM or NFS Coordination   | No       |  |  |  |
|          |                                 | FCC Construction Permit Minor Change  | Yes      |  |  |  |
|          |                                 | FCC License to Cover Application Yes  |          |  |  |  |
|          |                                 |   | No       |  |  |  |
|          | Other Miscellaneous<br>Expenses | Disposal Costs (for equipment and other   | No       |  |  |  |
|          |                                 | Delivery or Handling Charges not otherwise  | No       |  |  |  |
|          |                                 |   | No       |  |  |  |
|          |                                 | Does this relocation require the<br>Development and Airing of an<br>Announcement regarding an upcoming<br>channel change?   | Yes      |  |  |  |
|          |                                 | Does this relocation require MVPD<br>Notification of a Channel Change?  | Yes      |  |  |  |

# Other Expenses Not Listed

**Expenses** Information not provided.

## Transmitters

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary<br>Transmitter<br>EC710MP-BB   | \$157,850.00                   | \$117,183.36      |  | \$78,068.36  |                              |
| UHF - Air<br>Cooled<br>Solid State<br>Transmitter<br>1 - 2.5 kW  | \$126,000.00                   | \$90,283.36       | see<br>Estimated<br>Cost<br>Justification<br>WVVH-CD-<br>110-1st<br>Primary<br>Transmitter<br>- UHF Air-<br>Cooled<br>Solid State<br>1-2.5 kW v0 | \$74,343.36  | N/A                          |
| 5 Ton<br>system  | \$20,250.00                    | \$15,500.00       | N/A  | \$0.00       | N/A                          |
| Other<br>Electrical<br>Service:<br>Conduit and<br>wiring run<br>from switch<br>panel to<br>new<br>transmitter.<br>Lightning<br>Surge<br>Protector. | \$9,000.00                     | \$9,000.00        | N/A  | \$3,725.00   | N/A                          |
| 2" Rigid<br>Conduit and<br>Wiring (Cost<br>per foot)   | \$2,600.00                     | \$2,400.00        | N/A  | N/A          | N/A                          |
| Sub-total  | \$157,850.00                   | \$117,183.36      | N/A  | \$78,068.36  | N/A                          |
| Total for all systems  | \$1,036,175.00                 | \$648,572.99      | N/A  | \$157,542.66 | N/A                          |

| Description   | File Name                 |  |
|---|---------------------------|--|
| UHF - Air Cooled Solid State<br>Transmitter 1 - 2.5 kW                          |                           |  |
|   | Component Description:    | Labor to<br>coordinate with<br>customer          |
|   | Amount:                   | \$11,764.50                                      |
|   | Component Description:    | EC710MP-BB<br>1000W UHF Air<br>cooled Digital TV |
|   | Amount:                   | Transmitter<br>\$62,578.86                       |
| 5 Ton system  | Information not provided. |  |
| Other Electrical Service:<br>Conduit and wiring run from<br>switch panel to new | Component Description:    | Demo cap and kill<br>all hazardous               |
| transmitter. Lightning Surge<br>Protector.                                      | Amount:                   | circuits<br>\$3,725.00                           |
| 2" Rigid Conduit and Wiring<br>(Cost per foot)                                  | Information not provided. |  |

#### Antennas

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification     | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary<br>Antenna<br>PSILP8SLVVH-<br>18                                       | \$33,030.00                    | \$39,812.13       |  | \$15,572.13  |                              |
| Sweep test of existing antenna   | \$6,730.00                     | \$6,000.00        | N/A                                    | N/A          | N/A                          |
| UHF - Lower<br>Power Side<br>Mount, Class<br>A One Station<br>antenna<br>basic | \$26,300.00                    | \$33,812.13       | Propagation<br>Systems,<br>Inc Invoice | \$15,572.13  | N/A                          |
| Sub-total  | \$33,030.00                    | \$39,812.13       | N/A                                    | \$15,572.13  | N/A                          |
| Total for all systems  | \$1,036,175.00                 | \$648,572.99      | N/A                                    | \$157,542.66 | N/A                          |

| Actual Information<br>Description                                     | File Name                 |   |
|---|---------------------------|---|
| Sweep test of existing antenna  | Information not provided. |   |
| UHF - Lower Power Side<br>Mount, Class A One<br>Station antenna basic | Component Description:    | PSILP8SLVVH-18<br>8-Bay Low Power<br>UHF Slot Antenna<br>for Channel 18 |
|   | Amount:                   | \$15,572.13   |

### **Transmission Line**

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Primary<br>Transmission<br>Line                                | \$4,400.00                     | \$3,500.00        |                                    | \$2,509.72   |                              |
| Flexible<br>Foam<br>Transmission<br>Line -<br>dielectric, 7/8" | \$4,400.00                     | \$3,500.00        | N/A                                | \$2,509.72   | N/A                          |
| Sub-total  | \$4,400.00                     | \$3,500.00        | N/A                                | \$2,509.72   | N/A                          |
| Total for all systems  | \$1,036,175.00                 | \$648,572.99      | N/A                                | \$157,542.66 | N/A                          |

| File Name                         |   |
|-----------------------------------|---|
| Component Description:<br>Amount: | 7/8" FOAM<br>TRANSMISSION<br>LINE EC5-50-A<br>\$2,289.72    |
| Component Description:<br>Amount: | 1-5/8" - 7/8" PLATE<br>REDUCER 201-017-<br>BR<br>\$220.00   |
|                                   | Component Description:<br>Amount:<br>Component Description: |

## **Tower Equipment and Rigging Costs**

#### Cost Information

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                       | Actual Cost  | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary<br>Tower BTWR   | \$591,600.00                   | \$261,500.00      |  | \$18,240.00  |                              |
| Minor tower<br>reinforcement<br>/modifications  | \$158,000.00                   | \$140,000.00      | N/A  | N/A          | N/A                          |
| Structural<br>engineering<br>tower load<br>study for well<br>documented<br>tower                              | \$12,600.00                    | \$1,500.00        | per WVVH-<br>CD ATC<br>Customer<br>Project<br>Estimation | N/A          | N/A                          |
| Complex<br>Tower<br>(includes, for<br>example,<br>those with<br>candelabras<br>and/or<br>stacked<br>antennas) | \$421,000.00                   | \$120,000.00      | N/A  | \$18,240.00  | N/A                          |
| Sub-total   | \$591,600.00                   | \$261,500.00      | N/A  | \$18,240.00  | N/A                          |
| Total for all systems   | \$1,036,175.00                 | \$648,572.99      | N/A  | \$157,542.66 | N/A                          |

| Actual Information<br>Description           | File Name                 |
|---|---------------------------|
| Minor tower reinforcement<br>/modifications | Information not provided. |

| Structural engineering<br>tower load study for well<br>documented tower | Component Description:        | BROADCAST<br>STRUCTURAL -<br>NOYACK |
|---|-------------------------------|-------------------------------------|
|   | Amount:                       | \$1,500.00                          |
| Complex Tower (includes,  |                               |                                     |
| for example, those with<br>candelabras and/or stacked                   | <b>Component Description:</b> | LABOR AND                           |
|   |                               | MATERIALS TO                        |
| antennas)   |                               | ASSEMBLE AND                        |
|   |                               | INSTALL                             |
|   |                               | PSILP8LVVH-18-                      |
|   |                               | CP                                  |
|   | Amount:                       | \$18,240.00                         |
|   |                               |                                     |

### **Outside Professional Services**

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated Cost<br>Justification | Actual Cost | Actual Cos<br>Justificatio |
|--|--------------------------------|-------------------|---------------------------------|-------------|----------------------------|
| Outside<br>Professional<br>Services  | \$221,300.00                   | \$200,182.50      |                                 | \$32,328.45 |                            |
| Additional Field<br>Engineering<br>Service, 4 Days   | \$6,000.00                     | \$6,000.00        | N/A                             | \$0.00      | N/A                        |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed                               | \$84,200.00                    | \$65,000.00       | N/A                             | \$0.00      | N/A                        |
| Attorney Fees -<br>Negotiation of<br>lease and other<br>matters for<br>shared<br>locations               | \$4,210.00                     | \$4,000.00        | N/A                             | N/A         | N/A                        |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application    | \$2,365.00                     | \$2,250.00        | N/A                             | \$0.00      | N/A                        |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application | \$5,260.00                     | \$5,000.00        | N/A                             | \$1,000.00  | N/A                        |

| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application       | \$1,580.00     | \$1,500.00   | N/A  | \$0.00       | N/A |
|---|----------------|--------------|--|--------------|-----|
| Prepare and or<br>review<br>reimbursement<br>form   | \$2,630.00     | \$2,500.00   | N/A  | \$0.00       | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/ other<br>stations and<br>wireless        | \$2,630.00     | \$2,500.00   | N/A  | N/A          | N/A |
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00     | \$7,000.00   | N/A  | \$3,766.25   | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00     | \$4,757.50   | Invoice<br>Communications<br>Technologies,<br>Inc 008862 | \$3,220.00   | N/A |
| Project<br>management of<br>the transition  | \$101,910.00   | \$99,675.00  | see WVVH-CD<br>Strategic<br>support quote 4-<br>1-19     | \$24,342.20  | N/A |
| Sub-total   | \$221,300.00   | \$200,182.50 | N/A  | \$32,328.45  | N/A |
| Total for all systems   | \$1,036,175.00 | \$648,572.99 | N/A  | \$157,542.66 | N/A |
|   |                |              |  |              |     |

| Actual Information<br>Description   | File Name                         |   |
|---|-----------------------------------|---|
| Additional Field<br>Engineering Service, 4<br>Days  | Information not provided.         |   |
| Comprehensive coverage<br>verification via field study,<br>if needed                            | Component Description:<br>Amount: | Please deny this<br>invoice.<br>N/A   |
| Attorney Fees -<br>Negotiation of lease and<br>other matters for shared<br>locations            | Information not provided.         |   |
| Attorney Fees -Prepare<br>and File FCC Form 2100<br>(main), License to Cover<br>Application     | Information not provided.         |   |
| Attorney Fees - Prepare<br>and File FCC Form 2100<br>(main), Construction<br>Permit Application | Component Description:<br>Amount: | Legal Services<br>\$500.00  |
|   | Component Description:            | Attorney Fees -<br>Prepare and File<br>FCC Form 2100<br>(main) Construction<br>Permit Application |
|   | Amount:                           | \$500.00  |
|   | Component Description:            | Legal Professional<br>Services<br>\$500.00  |
|   | ,                                 | <i>\\</i> 000.00  |
| Prepare engineering<br>section of FCC Form<br>2100 (main), License to<br>Cover Application      | Information not provided.         |   |

| Prepare and or review reimbursement form  | Component Description:            | FORM 399 INVOICE<br>REVIEW, UPLOAD<br>AND FIGURE OUT<br>FORM HANDLING                                      |
|---|-----------------------------------|--|
|   | Amount:                           | \$462.44   |
| Address transition timing<br>and coordination issues<br>w/ other stations and<br>wireless | Information not provided.         |  |
| Perform engineering<br>study for new channel<br>assignment and antenna<br>development     | Component Description:            | 5.5 HOURS<br>CUSTOM ANTENNA<br>DESIGN WORK.<br>REVIEW SITE<br>LIMITATIONS,<br>INITIAL TVSTUDY<br>ANALYSIS. |
|   | Amount:                           | \$2,517.50   |
|   | Component Description:<br>Amount: | Engineering Study<br>\$1,248.75  |
|   | Component Description:<br>Amount: | N/A<br>N/A   |

| Prepare engineering<br>section of FCC Form<br>2100 (main),<br>Construction Permit<br>Application | Component Description:<br>Amount: | Prepare engineering<br>section of FCC Form<br>2100 (main)<br>Construction Permit<br>Application<br>\$1,462.50 |
|--|-----------------------------------|---|
|  |                                   |   |
|  | Component Description:            | Application to modify<br>construction permit  |
|  | Amount:                           | \$1,757.50  |
|  | Component Description:            | FCC FORM 2100<br>MAIN<br>ENGINEERING<br>DOCUMENTATION<br>AND FORM PREP  |
|  | Amount:                           | \$1,000.06  |

| Project management of the transition | Component Description:<br>Amount: | Project Management<br>\$3,192.50 |
|--------------------------------------|-----------------------------------|----------------------------------|
|                                      | Component Description:<br>Amount: | Project Management<br>\$1,976.25 |
|                                      | Component Description:<br>Amount: | Project Management<br>\$6,836.95 |
|                                      | Component Description:<br>Amount: | Project Management<br>\$2,221.25 |
|                                      | Component Description:<br>Amount: | Project Management<br>\$6,507.90 |
|                                      | Component Description:<br>Amount: | Project Management<br>\$2,392.35 |
|                                      | Component Description:<br>Amount: | Project Management<br>\$1,215.00 |

### **Other Expenses**

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Other<br>Expenses  | \$27,995.00                    | \$26,395.00       |                                    | \$9,324.00   |                              |
| Develop and<br>air<br>announcement<br>of upcoming<br>channel<br>change | \$5,000.00                     | \$5,000.00        | N/A                                | \$2,866.00   | N/A                          |
| Non-zoning permits   | \$2,000.00                     | \$2,000.00        | N/A                                | N/A          | N/A                          |
| Local Zoning   | \$3,000.00                     | \$3,000.00        | N/A                                | N/A          | N/A                          |
| FCC Filing<br>Fees - Form<br>2100 license<br>to cover<br>application   | \$335.00                       | \$325.00          | N/A                                | N/A          | N/A                          |
| FCC Filing<br>Fees - Form<br>2100 minor<br>change CP<br>application    | \$1,110.00                     | \$1,070.00        | N/A                                | N/A          | N/A                          |
| DTV Medical<br>Facility<br>Notification                                | \$11,550.00                    | \$10,000.00       | N/A                                | \$6,458.00   | N/A                          |
| MVPD<br>Notification of<br>Channel<br>Change                           | \$5,000.00                     | \$5,000.00        | N/A                                | N/A          | N/A                          |
| Sub-total  | \$27,995.00                    | \$26,395.00       | N/A                                | \$9,324.00   | N/A                          |
| Total for all systems  | \$1,036,175.00                 | \$648,572.99      | N/A                                | \$157,542.66 | N/A                          |

| Actual Information<br>Description                              | File Name                 |   |
|--|---------------------------|---|
| Develop and air<br>announcement of upcoming<br>channel change  | Component Description:    | Notification of<br>Cable and<br>Satellite MVPD<br>Providers of new<br>RF Channel and<br>Transport Stream<br>Parameters on<br>Repack Channel<br>\$2,866.00 |
| Non-zoning permits   | Information not provided. |   |
| Local Zoning   | Information not provided. |   |
| FCC Filing Fees - Form<br>2100 license to cover<br>application | Information not provided. |   |
| FCC Filing Fees - Form<br>2100 minor change CP<br>application  | Information not provided. |   |
| DTV Medical Facility<br>Notification                           | Component Description:    | Transmitter<br>Medical Facility<br>Notification per<br>proposal.  |
|  | Amount:                   | \$6,458.00  |
| MVPD Notification of<br>Channel Change                         | Information not provided. |   |

| Cost<br>Information | Grand Total           |                                |                |              |  |  |
|---------------------|-----------------------|--------------------------------|----------------|--------------|--|--|
|                     |                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |  |  |
|                     | Total for all systems | \$1,036,175.00                 | \$648,572.99   | \$157,542.66 |  |  |

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

| Certification | Section  | Question  | Response |
|---------------|--|---|----------|
|               | Submission of Estimated<br>Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE STATEMENTS COULD SUBJECT<br>THIS ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT. |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> </ol>  |          |
|               |  | 2. The above-named<br>entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.  |          |
|               |  | <b>3.</b> The above-named<br>entity acknowledges<br>the submission of the<br>information herein<br>creates no obligation<br>on the part of the<br>government to pay<br>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).
- 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<br>entity certifies that it<br>is in full compliance<br>with all statutes,<br>rules, regulations<br>and governmental<br>requirements for<br>which compliance is<br>a pre-requisite for<br>obtaining the<br>payments herein<br>requested. |  |
|---------------|--|--|
| an au<br>name | I declare, under penalty of perjury, that I am<br>an authorized representative of the above-<br>named applicant for the Authorization(s)<br>specified above.   |  |

#### Attachments

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