



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **6093** | Service: **DTV** | Call **WFSG** | Channel: **28 (UHF)**  
ID: | Sign:  
File **0000024819**  
Number:  
FRN: **0001810977** | Date **06/25**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                       | Address   | Phone                | Email              | Applicant Type       |
|---------------------------------|---|----------------------|--------------------|----------------------|
| <b>Florida State University</b> | Doug Crall<br>1600 RED<br>BARBER PLAZA<br>TALLAHASSEE,<br>FL 32310<br>United States | +1 (850)<br>645-6032 | DCRALL@FSU.<br>EDU | Government<br>Entity |

## 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                         |
|---|---|----------------------|-------------------------------|
| <b>Ryan C Wilhour</b><br><i>Consulting Engineer</i><br><i>Kessler and Gehman Associates, Inc.</i> | 507 NW 60th<br>ST<br>STE D<br>Gainesville, FL<br>32607<br>United States | +1 (352)<br>332-3157 | ryan@kesslerandgehman.<br>com |

**Broadcaster  
Information  
and  
Transition  
Plan**

| Question   | Response   |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No   |
| Briefly describe transition plan   | Replace Transmitter and purchase a new antenna and transmission line. Use the existing antenna system as the interim through the end of the assigned phase. See WFSG Transmission Plan attached. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| <b>Section</b>  | <b>Question</b>  | <b>Response</b>   |
|---|--|-------------------|
| <b>Existing Transmitter<br/>Description</b>           | 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               |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                   |
|   | Model  | Ultimate          |
|   | Year   | 2002              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Liquid<br>Cooled  |
|   | Solid State Power Capacity                                 | 10 kW             |

**Primary Transmitter**

**New Transmitter Costs**

| Section                | Question                                  | Response   |
|------------------------|---|--|
| <b>New Transmitter</b> | Use                                       | Primary (Main)   |
|                        | Change Type                               | Purchase New   |
|                        | Is this a request for upgraded equipment? | No   |
|                        | Manufacturer                              |  |
|                        | Model                                     | To Be Determined   |
|                        | Transmitter Type                          | Solid State  |
|                        | Solid State Cooling                       | Liquid Cooled  |
|                        | Solid State Power capacity                | 10 kW  |
|                        | Justification for New Transmitter         | The station currently has a 10kW Comark Ultimate solid state liquid cooled transmitter, which is no longer being manufactured. Jack McAnulty of Comark has indicated that they will NOT re-channelize the Ultimate transmitter. A new transmitter is required. |

**Primary Transmitter**

**Other Transmitter Costs**

| Section                   | Question                              | Response |
|---------------------------|---------------------------------------|----------|
| <b>Electrical Service</b> | Service Entrance (3 phases 800A 208V) | No       |

|  |   |            |
|--|---|------------|
|  | Switchgear (industrial 800 amp)   | Yes        |
|  | Transformer (480V)  | Yes        |
|  | Power   | 150 kVA    |
|  | Rigid Conduit and Wiring  | Yes        |
|  | Size  | 2 inches   |
|  | Length  | 100.0 feet |
|  | Other Electrical Service  | No         |
|  | Description   | N/A        |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No         |
|  | Type  | N/A        |
|  | Size  | N/A        |
|  | Other Size  | N/A        |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No         |
|  | Size  | N/A        |
| <b>Channel 14 Costs</b>  | 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**

| <b>Name</b>                          | <b>Description</b>   |
|--------------------------------------|--|
| <b>Standby Exciter and Switch</b>    | Standby Exciter with Automatic Change Over Switch                    |
| <b>Additional Interior RF System</b> | Interior RF System Existing Transmitter to Interim Transmission line |

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Antenna<br/>Description</b>           | 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?                             | No                 |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class  | Full Power         |
|   | Mounting   | Side Mount         |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Horizontal         |
|   | Type   | Slotted<br>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)<br>.....                         | 158.0 kW           |

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|              |             |
|--------------|-------------|
| Manufacturer |             |
| Model        | TLP-32A (c) |
| Year         | 2002        |

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**Primary  
Antenna**

**New Antenna Costs**

| Section                                       | Question   | Response        |
|---|--|-----------------|
| <b>New Antenna Description</b>                | Use  | Primary (Main)  |
|   | Description of Use   | N/A             |
|   | Change Type  | Purchase New    |
|   | Is this a request for upgraded equipment?                            | No              |
|   | Ownership  | Owned           |
|   | Owner  | N/A             |
|   | Is antenna shared?   | No              |
|   | Is antenna directional?  | No              |
|   | Will antenna be located on or in close proximity to an antenna farm? | No              |
| <b>New Antenna<br/>Manufacturer and Types</b> | 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/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)<br>.....                             | 129.0 kW        |
| Manufacturer                                  |  |                 |

|                               |                    |
|-------------------------------|--------------------|
| Model                         | To Be Determined   |
| Year                          | 2017               |
| Justification for New Antenna | Refer to Exhibit 2 |

**Primary Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response               |
|------------------------------------|---|------------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No                     |
|                                    | Type  |                        |
|                                    | Number of channels supported  | N/A                    |
|                                    | Frequencies of channels supported   | N/A                    |
|                                    | Frequency   | N/A                    |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A                    |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | Yes                    |
|                                    | Broadband or Single Channel?  | Single Channel         |
|                                    | Feed Line Size  | 3 1/8 inches<br>inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No                     |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No                     |
| <b>Sweep Test</b>                  | Do you require the sweep testing of transmission line and antenna?  | Yes                    |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission  
Line**

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

**Primary  
Transmission  
Line**

**Existing Transmission Line**

| Section   | Question   | Response            |
|---|--|---------------------|
| <b>Existing Transmission Line Description</b>           | 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                 |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                     |
|   | Type   | Rigid               |
|   | Diameter   | 3 1/8<br>inches     |
|   | Other Diameter   | N/A                 |
|   | Segment Length   | 20 inches           |
|   | Other Segment Length   | N/A                 |
|   | Number of parallel runs  | 1                   |
|   | Length   | 500 feet<br>per run |

**Primary  
Transmission  
Line**      **New Transmission Line**

| Section                                 | Question   | Response         |
|---|--|------------------|
| <b>New Transmission Line Costs</b>      | Use  | Primary (Main)   |
|   | Description of Use   | N/A              |
|   | Change Type  | Purchase New     |
|   | Is this a request for upgraded equipment?  | No               |
|   | Type   | Rigid            |
|   | Diameter   | 3 1/8 inches     |
|   | Other Diameter   | N/A              |
|   | Segment Length   | 20 inches        |
|   | Other Segment Length   | N/A              |
|   | Number of parallel runs  | 1                |
|   | Length   | 550 feet per run |
| Justification for New Transmission Line | The existing transmission line will be kept in place and used to feed the currently licensed antenna during the interim transitional period. |                  |

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

Information not provided.

**Tower Equipment And Rigging Costs**

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

**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? | Yes               |
|  | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|  | Others Types of Users                                   | Yes               |
|  | Is tower documented for structural analysis?            | Yes               |
|  | Is tower compliant with Rev G?                          | No                |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1038765           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 30° 22' 03.0" N-  |
|  | Longitude (NAD83)                                       | 085° 55' 28.0" W- |
|  | Overall Structure Height                                | 488.51 feet       |
|  | Support Structure Height                                | 443.56 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 65.62 feet        |

|                  |  |
|------------------|--|
| Structure Type   | TOWER - Free Standing or Guyed Structure |
| Tower Owner      | WFSU / WFSG--TV                          |
| Date Constructed | 09/01/1987                               |

**FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared**

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 21798       | WFSW      | FM      |

**Other Types of Users**

| Users         |
|---------------|
| Public Safety |

**Primary Tower**

**Tower Modification Costs**

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

**Primary Tower**

**Tower Rigging Costs**

| Section | Question | Response |
|---------|----------|----------|
|---------|----------|----------|



|                                     |                                   |     |
|-------------------------------------|-----------------------------------|-----|
| <b>Tower Rigging Costs</b>          | Complex Tower                     | N/A |
| <b>Helicopter Services Required</b> | Are helicopter services required? | No  |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 24  |
|   | Explanation  | Fewer project management hours are being required than originally estimated |
| <b>Outside RF consulting Engineering Services</b>     | Perform engineering study for new channel assignment and antenna development | Yes   |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare request for Special Temporary Authority                              | Yes   |
|   | Quantity   | 2   |
|   | Do you have Distributed Transmission System engineering services?            | N/A   |
|   | Critical Facility  | N/A   |
|   | Terrain-Shielded Facility  | N/A   |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                    | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |

|                                      |  |   |
|--------------------------------------|--|---|
|                                      | Prepare and file Form FCC License to Cover Application                                     | Yes   |
|                                      | For Auxiliary Facility   | No  |
|                                      | For Main Facility  | Yes   |
|                                      | Prepare request for Special Temporary Authority  | Yes   |
|                                      | Quantity   | 2   |
|                                      | NEPA Section 106 environmental review  | No  |
|                                      | Environmental Assessment   | No  |
|                                      | ASR Modification   | Yes   |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | Yes   |
|                                      | 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   |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | Yes   |
|                                      | RF exposure measurements   | No  |
|                                      | Additional Field Engineering Service   | Yes   |
|                                      | Number of Days   | 5   |
|                                      | Justification  | Fewer on site days are being required than originally estimated |

**Outside  
Professional  
Services  
Costs**

**Other Professional Services Expenses Not Listed**

| Name                              | Description   |
|-----------------------------------|---|
| <b>Other Engineering Services</b> | Outside engineering services not included in any other OPS sections |
| <b>Other Legal Services</b>       | Outside legal services not included in any other OPS sections       |

**Other Expenses**

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

**Other  
Expenses**

**Other Expenses Not Listed**

Information not provided.

**Cost Information**

**Transmitters**

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

| Description   | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification | Actual Cost         | Actual Cost Justification |
|---|-----------------------------|-----------------------|------------------------------|---------------------|---------------------------|
| <b>Primary Transmitter To Be Determined</b>             | <b>\$725,850.00</b>         | <b>\$698,100.00</b>   |                              | <b>\$0.00</b>       |                           |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00                | \$470,000.00          | N/A                          | N/A                 | N/A                       |
| Switchgear - industrial 800 amp                         | \$38,200.00                 | \$36,300.00           | N/A                          | N/A                 | N/A                       |
| Transformer 3 phase /480v - 150 KVA                     | \$25,550.00                 | \$24,300.00           | N/A                          | N/A                 | N/A                       |
| 2" Rigid Conduit and Wiring (Cost per foot)             | \$2,600.00                  | \$2,500.00            | N/A                          | N/A                 | N/A                       |
| Additional Interior RF System                           | <i>\$140,000.00</i>         | \$140,000.00          | N/A                          | N/A                 | N/A                       |
| Standby Exciter and Switch                              | <i>\$25,000.00</i>          | \$25,000.00           | N/A                          | N/A                 | N/A                       |
| <b>Sub-total</b>  | <b>\$725,850.00</b>         | <b>\$698,100.00</b>   | <b>N/A</b>                   | <b>\$0.00</b>       | <b>N/A</b>                |
| <b>Total for all systems</b>                            | <b>\$1,845,367.00</b>       | <b>\$1,767,995.00</b> | <b>N/A</b>                   | <b>\$615,852.76</b> | <b>N/A</b>                |

**Components**

Information not provided.



**Cost Information**

**Antennas**

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

| Description   | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification | Actual Cost         | Actual Cost Justification   |
|---|-----------------------------|-----------------------|------------------------------|---------------------|---|
| <b>Primary Antenna To Be Determined</b>   | <b>\$261,330.00</b>         | <b>\$248,800.00</b>   |                              | <b>\$265,348.80</b> |   |
| Sweep test of existing antenna  | \$6,730.00                  | \$6,400.00            | N/A                          | N/A                 | N/A   |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)      | \$7,600.00                  | \$7,400.00            | N/A                          | \$7,112.00          | N/A   |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00                | \$235,000.00          | N/A                          | \$258,236.80        | The total cost of this antenna will be \$322,796.00, which is the cost offered by TCI under the turnkey antenna and tower contract. |
| <b>Sub-total</b>  | <b>\$261,330.00</b>         | <b>\$248,800.00</b>   | <b>N/A</b>                   | <b>\$265,348.80</b> | <b>N/A</b>  |
| <b>Total for all systems</b>  | <b>\$1,845,367.00</b>       | <b>\$1,767,995.00</b> | <b>N/A</b>                   | <b>\$615,852.76</b> | <b>N/A</b>  |

**Components**

| Actual Information  |  |
|---|--|
| Description   | File Name  |
| Sweep test of existing antenna  | Information not provided.  |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)      | <b>Component Description:</b> 50 pct down payment<br><b>Amount:</b> \$4,445.00   |
|   | <b>Component Description:</b> 30 pct progress pmt<br><b>Amount:</b> \$2,667.00   |
|   | <b>Component Description:</b> 50 pct down payment<br><b>Amount:</b> \$161,398.00 |
|   | <b>Component Description:</b> 30 pct progress pmt<br><b>Amount:</b> \$96,838.80  |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | <b>Component Description:</b> 50 pct down payment<br><b>Amount:</b> \$161,398.00 |
|   | <b>Component Description:</b> 30 pct progress pmt<br><b>Amount:</b> \$96,838.80  |

**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 |
|--|-----------------------------|-----------------------|------------------------------|---------------------|---------------------------|
| <b>Primary Transmission Line</b>         | <b>\$57,200.00</b>          | <b>\$54,450.00</b>    |                              | <b>\$48,699.20</b>  |                           |
| Rigid Transmission Line - copper, 3 1/8" | \$57,200.00                 | \$54,450.00           | N/A                          | \$48,699.20         | N/A                       |
| <b>Sub-total</b>                         | <b>\$57,200.00</b>          | <b>\$54,450.00</b>    | <b>N/A</b>                   | <b>\$48,699.20</b>  | <b>N/A</b>                |
| <b>Total for all systems</b>             | <b>\$1,845,367.00</b>       | <b>\$1,767,995.00</b> | <b>N/A</b>                   | <b>\$615,852.76</b> | <b>N/A</b>                |

**Components**

| Actual Information                       |   |
|--|---|
| Description                              | File Name   |
| Rigid Transmission Line - copper, 3 1/8" | <b>Component Description:</b> 30 pct progress pmt |
|  | <b>Amount:</b> \$18,262.20                        |
|  | <b>Component Description:</b> 50 pct down payment |
|  | <b>Amount:</b> \$30,437.00                        |

**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  |
|--|-----------------------------|-----------------------|------------------------------|---------------------|--|
| <b>Primary Tower TOWER</b>   | <b>\$531,500.00</b>         | <b>\$505,000.00</b>   |                              | <b>\$266,872.00</b> |  |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00                 | \$25,000.00           | N/A                          | \$29,560.00         | Perhaps the Structural Analysis should have been entered in the tower modifications section.                                     |
| Short Tower (less than 500')   | \$84,200.00                 | \$80,000.00           | N/A                          | \$98,880.00         | The total cost of this rigging work will be \$123,600, which is part of a turnkey project by TCI for the antenna and tower work. |
| Major tower reinforcement /modifications   | \$421,000.00                | \$400,000.00          | N/A                          | \$138,432.00        | N/A  |
| <b>Sub-total</b>   | <b>\$531,500.00</b>         | <b>\$505,000.00</b>   | <b>N/A</b>                   | <b>\$266,872.00</b> | <b>N/A</b>   |
| <b>Total for all systems</b>   | <b>\$1,845,367.00</b>       | <b>\$1,767,995.00</b> | <b>N/A</b>                   | <b>\$615,852.76</b> | <b>N/A</b>   |

**Components**

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

|  |   |
|--|---|
| <p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p> | <p><b>Component Description:</b> 30 pct progress pmt<br/> <b>Amount:</b> \$6,120.00</p>   |
|  | <p><b>Component Description:</b> Tower Structural Analysis for Side Mount Antennas<br/> <b>Amount:</b> \$7,240.00</p>   |
|  | <p><b>Component Description:</b> Structural Analysis of the WFSG Panama City Tower. Also see attached letter from the vendor with further explanation.<br/> <b>Amount:</b> \$6,000.00</p> |
|  | <p><b>Component Description:</b> 50 pct down payment<br/> <b>Amount:</b> \$10,200.00</p>  |
| <p>Short Tower (less than 500')</p>  | <p><b>Component Description:</b> 30 pct progress pmt<br/> <b>Amount:</b> \$37,080.00</p>  |
|  | <p><b>Component Description:</b> 50 pct down payment<br/> <b>Amount:</b> \$61,800.00</p>  |

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|   |                               |                 |
|---|-------------------------------|-----------------|
| Major tower reinforcement<br>/modifications | <b>Component Description:</b> | 30 pct progress |
|   |                               | pmt             |
|   | <b>Amount:</b>                | \$51,912.00     |
|   |                               |                 |
|   | <b>Component Description:</b> | 50 pct down     |
|   |                               | payment         |
|   | <b>Amount:</b>                | \$86,520.00     |

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**Cost Information**

**Outside Professional Services**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost        | Actual Cost Justification  |
|--|-----------------------------|---------------------|---|--------------------|--|
| <b>Outside Professional Services</b>                           | <b>\$176,937.00</b>         | <b>\$169,645.00</b> |   | <b>\$34,932.76</b> |  |
| Additional Field Engineering Service, 15 Days                  | <i>\$4,187.50</i>           | \$4,187.50          | ***System Notice: Estimate adjusted and locked because line has been superseded.*** | \$4,187.50         | Additional Field Engineering Service, Site survey WFSC   |
| Other Legal Services   | <i>\$10,000.00</i>          | \$10,000.00         | N/A   | N/A                | N/A  |
| Other Engineering Services                                     | <i>\$24,107.50</i>          | \$24,107.50         | N/A   | N/A                | N/A  |
| Additional Field Engineering Service, 5 Days                   | <i>\$10,000.00</i>          | \$10,000.00         | N/A   | N/A                | N/A  |
| Comprehensive coverage verification via field study, if needed | \$84,200.00                 | \$80,000.00         | N/A   | \$18,811.51        | Comprehensive coverage verification via field study for WFSG. These measurements will be used to compare with post-transition measurements |

|  |            |            |     |            |   |
|--|------------|------------|-----|------------|---|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A        | N/A   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                     | \$5,260.00 | \$5,000.00 | N/A | \$1,475.00 | Attorney section of Forr FCC Construction Permit Application Main Facility for WFSG |
| Prepare request for Special Temporary Authorization  | \$4,100.00 | \$3,000.00 | N/A | \$875.00   | Engineering for Special Temporary Authority for early transition of WFSG            |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application  | \$1,580.00 | \$1,500.00 | 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 | \$2,500.00 | Prepare or Review FCC Form 399 for Reimbursement for WFSG                           |



|  |                |                |     |              |  |
|--|----------------|----------------|-----|--------------|--|
| Project management of the transition   | \$3,792.00     | \$3,600.00     | N/A | \$300.00     | Outside Project Management Services for WFSG   |
| Attorney Fees - Prepare and File request for Special Temporary Authorization         | \$7,360.00     | \$7,000.00     | N/A | \$783.75     | Attorney Request for Special Temporary Authority - early transition for WFSG           |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application  | \$2,365.00     | \$2,250.00     | N/A | N/A          | N/A  |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00     | \$3,000.00     | N/A | \$1,500.00   | Engineering section of Forr FCC Construction Permit Application Main Facility for WFSG |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00     | \$7,000.00     | N/A | \$4,500.00   | Engineering study for new channel assignment and antenna development for WFSG          |
| ASR modification (prepare FCC Form 854)  | \$2,105.00     | \$2,000.00     | N/A | N/A          | N/A  |
| <b>Sub-total</b>   | \$176,937.00   | \$169,645.00   | N/A | \$34,932.76  | N/A  |
| <b>Total for all systems</b>   | \$1,845,367.00 | \$1,767,995.00 | N/A | \$615,852.76 | N/A  |

## Components

| Actual Information   |  |
|--|--|
| Description  | File Name  |
| Additional Field Engineering Service, 15 Days  | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". WFSG on-site Equipment inventory and facilities survey - site visit</p> <p><b>Amount:</b> \$4,187.50</p> |
| Other Legal Services   | Information not provided.  |
| Other Engineering Services   | Information not provided.  |
| Additional Field Engineering Service, 5 Days   | Information not provided.  |
| Comprehensive coverage verification via field study, if needed   | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Comprehensive coverage verification via field study for WFSG</p> <p><b>Amount:</b> \$18,811.51</p>       |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided.  |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                     | <p><b>Component Description:</b> Attorney section of Form FCC Construction Permit Application Main Facility for WFSG</p> <p><b>Amount:</b> \$71.25</p>                                       |

**Component Description:** Incentive Auction  
Public Notice and  
regional  
coordinator for  
repack transition

**Amount:** \$213.75

**Component Description:** Post auction  
reimbursement  
procedures and  
application  
procedures

**Amount:** \$142.50

**Component Description:** Attorney section of  
Form FCC  
Construction Permit  
Application Main  
Facility for WFSG

**Amount:** \$71.25

**Component Description:** Attorney section of  
Form FCC  
Construction Permit  
Application Main  
Facility for WFSG

**Amount:** \$285.00

**Component Description:** Attorney section of  
Form FCC  
Construction Permit  
Application Main  
Facility for WFSG

**Amount:** \$406.25

**Component Description:** Attorney section of  
Form FCC  
Construction Permit  
Application Main  
Facility WFSG

**Amount:** \$285.00

|  |  |
|--|--|
| <p>Prepare request for Special Temporary Authorization</p>                               | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Engineering for Special Temporary Authority for early transition for WFSG</p> <p><b>Amount:</b> \$875.00</p> |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p>   |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p>  | <p>Information not provided.</p>   |
| <p>Prepare and or review reimbursement form</p>  | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Prepare or Review FCC Form 399 for Reimbursement for WFSG</p> <p><b>Amount:</b> \$2,500.00</p>               |
| <p>Project management of the transition</p>  | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Outside Project Management Services, Form 387 Progress Report</p> <p><b>Amount:</b> \$300.00</p>             |

|   |   |
|---|---|
| <p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>         | <p><b>Component Description:</b> Attorney Request for Special Temporary Authority - early transition for WFSG</p> <p><b>Amount:</b> \$783.75</p>  |
| <p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>   | <p>Information not provided.</p>  |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Engineering section of Form FCC Construction Permit Application Main Facility for WFSG</p> <p><b>Amount:</b> \$1,500.00</p> |
| <p>Perform engineering study for new channel assignment and antenna development</p>         | <p><b>Component Description:</b> Refer to attachment "KG Invoice Explanations.pdf". Engineering study for new channel assignment and antenna development for WFSG</p> <p><b>Amount:</b> \$4,500.00</p>          |
| <p>ASR modification (prepare FCC Form 854)</p>  | <p>Information not provided.</p>  |

**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 |
|--|-----------------------------|--------------------|------------------------------|---------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$92,550.00</b>          | <b>\$92,000.00</b> |                              | <b>\$0.00</b> |                           |
| MVPD Notification of Channel Change                                      | <i>\$2,000.00</i>           | \$2,000.00         | N/A                          | N/A           | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$15,000.00</i>          | \$15,000.00        | N/A                          | N/A           | N/A                       |
| Equipment Storage  | <i>\$15,000.00</i>          | \$15,000.00        | N/A                          | N/A           | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$20,000.00</i>          | \$20,000.00        | N/A                          | N/A           | N/A                       |
| Non-zoning permits   | <i>\$2,000.00</i>           | \$2,000.00         | N/A                          | N/A           | N/A                       |
| Local Zoning   | <i>\$2,000.00</i>           | \$2,000.00         | N/A                          | N/A           | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$25,000.00</i>          | \$25,000.00        | N/A                          | N/A           | N/A                       |
| DTV Medical Facility Notification  | \$11,550.00                 | \$11,000.00        | N/A                          | N/A           | N/A                       |
| <b>Sub-total</b>   | <b>\$92,550.00</b>          | <b>\$92,000.00</b> | <b>N/A</b>                   | <b>\$0.00</b> | <b>N/A</b>                |

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|                              |                |                |     |              |     |
|------------------------------|----------------|----------------|-----|--------------|-----|
| <b>Total for all systems</b> | \$1,845,367.00 | \$1,767,995.00 | N/A | \$615,852.76 | N/A |
|------------------------------|----------------|----------------|-----|--------------|-----|

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### **Components**

Information not provided.

**Cost Information** **Grand Total**

|                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> | <b>Actual Cost</b> |
|------------------------------|------------------------------------|-----------------------|--------------------|
| <b>Total for all systems</b> | \$1,845,367.00                     | \$1,767,995.00        | \$615,852.76       |

**Reimbursement Status**

| <b>Question</b>  | <b>Response</b> |
|--|-----------------|
| 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 |
|---------------|---|---|----------|
|               | <p><b>Submission of Estimated Expenses Statements</b></p> | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>   |          |
|               |   | <ol style="list-style-type: none"> <li data-bbox="758 772 1053 1176">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.</li> <li data-bbox="758 1198 1037 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li data-bbox="758 1467 1045 1747">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.</li> </ol> |          |

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

|   |  |
|---|--|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> |  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>   | <p><b>Robert Gehman</b><br/><i>Consulting Engineer</i></p> <p>06/25/2018</p> |

**Attachments**