



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65919** | Service: **DTS** | Call **WHKY-TV** | Channel: **14 (UHF)**  
ID: | Sign:  
File **0000029026**  
Number:  
FRN: **0001712819** | Date **07/26**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                                                        | Address                                                               | Phone             | Email          | Applicant Type            |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------|----------------|---------------------------|
| <b>LONG COMMUNICATIONS, LLC.</b><br>Doing Business As: LONG COMMUNICATIONS, LLC. | Jeff Long<br>526 MAIN AVENUE SE<br>HICKORY, NC 28602<br>United States | +1 (828) 322-1290 | JLONG@WHKY.COM | Limited Liability Company |

## 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>Thomas Edmund Long , Jr</b><br>.<br><i>Director of Engineering</i><br><i>Long Communications, LLC</i> | WHKY<br>526 Main Ave SE<br>Hickory, NC<br>28602<br>United States | +1 (828) 324-5265 | tlongjr@whky.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                                                                                                                                                                                                                                                                                                                             | WHKY-TV is a 2-site DTS system. The DTS1 facility will operate with an interim channel 40 antenna during its transition at it's studio tower. The DTS2 facility operate with the current antenna using a new transmission line during its transition. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section                                               | Question                                                   | Response          |
|-------------------------------------------------------|------------------------------------------------------------|-------------------|
| <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                                                       | 2                 |
|                                                       | 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                                                      | NE710             |
|                                                       | Year                                                       | 1999              |
|                                                       | Type                                                       | Solid State       |
|                                                       | Solid State Cooling                                        | Air Cooled        |
|                                                       | Solid State Power Capacity                                 | 0.8 kW            |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response                                                     |
|-----------------|-------------------------------------------|--------------------------------------------------------------|
| New Transmitter | Use                                       | Primary (Main)                                               |
|                 | Change Type                               | Purchase New                                                 |
|                 | Is this a request for upgraded equipment? | No                                                           |
|                 | Manufacturer                              |                                                              |
|                 | Model                                     | TMU9                                                         |
|                 | Transmitter Type                          | Solid State                                                  |
|                 | Solid State Cooling                       | Liquid Cooled                                                |
|                 | Solid State Power capacity                | 1.2 kW                                                       |
|                 | Justification for New Transmitter         | Current 0.8 KW transmitter will not tune from ch 40 to ch 14 |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response  |
|--------------------|---------------------------------------|-----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No        |
|                    | Switchgear (industrial 800 amp)       | No        |
|                    | Transformer (480V)                    | Yes       |
|                    | Power                                 | 150 kVA   |
|                    | Rigid Conduit and Wiring              | Yes       |
|                    | Size                                  | 2 inches  |
|                    | Length                                | 75.0 feet |
|                    | Other Electrical Service              | Yes       |
|                    |                                       |           |

|                                                                            |                                                                                               |                                                  |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------|
|                                                                            | Description                                                                                   | Support for cooling system and outside equipment |
| <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                                                                                | 5                                                |

**Primary Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section                                               | Question                                                   | Response                 |
|-------------------------------------------------------|------------------------------------------------------------|--------------------------|
| <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                                                       | 1                        |
|                                                       | 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                                                      | Sigma Plus               |
|                                                       | Year                                                       | 2006                     |
|                                                       | Type                                                       | Inductive<br>Output Tube |
|                                                       | IOT Power Type                                             | Other                    |
|                                                       | Other IOT Power Type                                       | 4                        |
|                                                       | Power Capacity                                             | 70 kW                    |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response                                                                                                                                                                                          |
|-----------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use                                       | Primary (Main)                                                                                                                                                                                    |
|                 | Change Type                               | Purchase New                                                                                                                                                                                      |
|                 | Is this a request for upgraded equipment? | Yes                                                                                                                                                                                               |
|                 | Manufacturer                              |                                                                                                                                                                                                   |
|                 | Model                                     | SCx9000                                                                                                                                                                                           |
|                 | Transmitter Type                          | Solid State                                                                                                                                                                                       |
|                 | Solid State Cooling                       | Liquid Cooled                                                                                                                                                                                     |
|                 | Solid State Power capacity                | 70 kW                                                                                                                                                                                             |
|                 | Justification for New Transmitter         | Current transmitter is a Harris IOT running 4 IOT's that can make up to 70 kW DTV. Transmitter can make full power running only 2 of the 4 tubes. Transmitter is set up to run 2 or 4 tubes only. |

**Primary  
Transmitter**

**Other Transmitter Costs**

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

|                                                                            |                                                                                               |                                    |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------|
|                                                                            | Transformer (480V)                                                                            | Yes                                |
|                                                                            | Power                                                                                         | 300 kVA                            |
|                                                                            | Rigid Conduit and Wiring                                                                      | Yes                                |
|                                                                            | Size                                                                                          | 4 inches                           |
|                                                                            | Length                                                                                        | 100.0 feet                         |
|                                                                            | Other Electrical Service                                                                      | Yes                                |
|                                                                            | Description                                                                                   | Cooling system and control wiring. |
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | Yes                                |
|                                                                            | Type                                                                                          | Cooling Only                       |
|                                                                            | Size                                                                                          | 20 tons                            |
|                                                                            | 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                                                                                | 10                                 |

**Primary Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.



**Interim  
Transmitter**

**New Transmitter Costs**

| Section         | Question                          | Response                                                                                                                                                                                               |
|-----------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use                               | Interim                                                                                                                                                                                                |
|                 | Description of Use                | N/A                                                                                                                                                                                                    |
|                 | Change Type                       | Purchase                                                                                                                                                                                               |
|                 | Manufacturer                      |                                                                                                                                                                                                        |
|                 | Model                             | SCx9000                                                                                                                                                                                                |
|                 | Transmitter Type                  | Solid State                                                                                                                                                                                            |
|                 | Solid State Cooling               | Liquid Cooled                                                                                                                                                                                          |
|                 | Solid State Power capacity        | 15 kW                                                                                                                                                                                                  |
|                 | Justification for New Transmitter | Need transmitter to operate during the transfer time from channel 40 to 14 at the main studio into a current channel 40 antenna that is on the studio tower. See problems with transfer to channel 14. |

**Interim  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes      |
|                    | Switchgear (industrial 800 amp)       | Yes      |
|                    |                                       |          |

|                                                                            |                                                                                               |                                                                                                                                                                               |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                            | Transformer (480V)                                                                            | Yes                                                                                                                                                                           |
|                                                                            | Power                                                                                         | 300 kVA                                                                                                                                                                       |
|                                                                            | Rigid Conduit and Wiring                                                                      | Yes                                                                                                                                                                           |
|                                                                            | Size                                                                                          | 4 inches                                                                                                                                                                      |
|                                                                            | Length                                                                                        | 175.0 feet                                                                                                                                                                    |
|                                                                            | Other Electrical Service                                                                      | Yes                                                                                                                                                                           |
|                                                                            | Description                                                                                   | Replacement of the current 208 volt feed to the studio. The 480 feed was removed at the end of analog transmission. We will have to feed the 208 volt feed from the 480 feed. |
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | Yes                                                                                                                                                                           |
|                                                                            | Type                                                                                          | Cooling Only                                                                                                                                                                  |
|                                                                            | Size                                                                                          | 20 tons                                                                                                                                                                       |
|                                                                            | 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                                                                                | 30                                                                                                                                                                            |

|                         |                                                                                   |     |
|-------------------------|-----------------------------------------------------------------------------------|-----|
| <b>Inside RF System</b> | Is an additional interior RF system required to support this interim transmitter? | Yes |
|-------------------------|-----------------------------------------------------------------------------------|-----|

**Interim Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| 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                                                             | 2                  |
|                                           | 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<br>Manufacturer and Type | Class                                                            | Full Power         |
|                                           | Mounting                                                         | Side Mount         |
|                                           | Antenna position in stack                                        | Not in Stack       |
|                                           | Polarization                                                     | Circular           |
|                                           | 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>.....                         | 18.0 kW            |
|                                           |                                                                  |                    |

|              |                     |
|--------------|---------------------|
| Manufacturer |                     |
| Model        | ALP12L4-<br>CSBR-40 |
| Year         | 2011                |

Primary  
Antenna

New Antenna Costs

| Section                            | Question                                                             | Response        |
|------------------------------------|----------------------------------------------------------------------|-----------------|
| New Antenna Description            | Use                                                                  | Primary (Main)  |
|                                    | Description of Use                                                   | N/A             |
|                                    | Change Type                                                          | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | No              |
|                                    | Ownership                                                            | Owned           |
|                                    | Owner                                                                | N/A             |
|                                    | Is antenna shared?                                                   | No              |
|                                    | Is antenna directional?                                              | Yes             |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | No              |
| New Antenna Manufacturer and Types | Class                                                                | Full Power      |
|                                    | Mounting                                                             | Side Mount      |
|                                    | Antenna position in stack                                            | Not in Stack    |
|                                    | Polarization                                                         | Horizontal      |
|                                    | Type                                                                 | Slotted Coaxial |
|                                    | Number of Stations Supported                                         | N/A             |
|                                    | Number of Panels/Bays                                                | N/A             |
|                                    | Lower Limit                                                          | N/A             |
|                                    | Upper Limit                                                          | N/A             |
|                                    | Design power capacity in use                                         | N/A             |
|                                    | Other Antenna Type                                                   | N/A             |
|                                    | ERP: (Effective Radiated Power)<br>.....                             | 10.2 kW         |
|                                    | Manufacturer                                                         |                 |
|                                    |                                                                      |                 |

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Model                         | ALP8L4-HSBR-14                                                           |
| Year                          | 2018                                                                     |
| Justification for New Antenna | Existing antenna will not function on new channel and cannot be retuned. |

## 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                                                                                              | 6 1/8 inches inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | Yes                 |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes                 |



|                   |                                                                    |     |
|-------------------|--------------------------------------------------------------------|-----|
| <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.

**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                                                             | 1                  |
|                                                   | 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                 |
| <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)                                  | 950.0 kW           |
|                                                   |                                                                  |                    |

|              |                       |
|--------------|-----------------------|
| Manufacturer |                       |
| Model        | ATW25HS3-<br>HSWC-40H |
| Year         | 2009                  |

Primary  
Antenna

New Antenna Costs

| Section                            | Question                                                             | Response        |
|------------------------------------|----------------------------------------------------------------------|-----------------|
| New Antenna Description            | Use                                                                  | Primary (Main)  |
|                                    | Description of Use                                                   | N/A             |
|                                    | Change Type                                                          | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | No              |
|                                    | Ownership                                                            | Owned           |
|                                    | Owner                                                                | N/A             |
|                                    | Is antenna shared?                                                   | No              |
|                                    | Is antenna directional?                                              | Yes             |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | No              |
| New Antenna Manufacturer and Types | Class                                                                | Full Power      |
|                                    | Mounting                                                             | Side Mount      |
|                                    | Antenna position in stack                                            | Not in Stack    |
|                                    | Polarization                                                         | Horizontal      |
|                                    | Type                                                                 | Slotted Coaxial |
|                                    | Number of Stations Supported                                         | N/A             |
|                                    | Number of Panels/Bays                                                | N/A             |
|                                    | Lower Limit                                                          | N/A             |
|                                    | Upper Limit                                                          | N/A             |
|                                    | Design power capacity in use                                         | N/A             |
|                                    | Other Antenna Type                                                   | N/A             |
|                                    | ERP: (Effective Radiated Power)<br>.....                             | 537.0 kW        |
|                                    | Manufacturer                                                         |                 |
|                                    |                                                                      |                 |

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Model                         | ATW18HS3-HTWC-14H                                                        |
| Year                          | 2018                                                                     |
| Justification for New Antenna | Existing antenna will not function on new channel and cannot be retuned. |

## 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                                                                                              | 6 1/8 inches inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | Yes                 |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes                 |

|                   |                                                                    |     |
|-------------------|--------------------------------------------------------------------|-----|
| <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.

**Interim  
Antenna**

**New Antenna Costs**

| Section                                      | Question                                                             | Response            |
|----------------------------------------------|----------------------------------------------------------------------|---------------------|
| <b>New Antenna Description</b>               | Use                                                                  | Interim             |
|                                              | Description of Use                                                   | N/A                 |
|                                              | Change Type                                                          | Rent<br>Temporary   |
|                                              | 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                  |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class                                                                | Full Power          |
|                                              | Mounting                                                             | Top Mount           |
|                                              | Antenna position in stack                                            | Not in Stack        |
|                                              | Polarization                                                         | Horizontal          |
|                                              | Type                                                                 | Slotted<br>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>.....                             | 600.0 kW            |
|                                              | Manufacturer                                                         |                     |
|                                              | Model                                                                | ATW16H3-<br>HSP5-14 |
|                                              | Year                                                                 | 2004                |

|  |                               |                                                                                                                                                                 |
|--|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Justification for New Antenna | This is the former channel 14 main antenna located at the WHKY-TV studio location that will be employed as an interim antenna for the transition to channel 14. |
|--|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Interim  
Antenna**

**Other Antenna Costs**

| Section                         | Question                                                                                                    | Response |
|---------------------------------|-------------------------------------------------------------------------------------------------------------|----------|
| <b>Elbow Complex</b>            | Do you require the separate purchase of the Elbow Complex?                                                  | No       |
|                                 | Broadband or Single Channel?                                                                                | N/A      |
|                                 | Feed Line Size                                                                                              | N/A      |
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for an 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      |

**Interim  
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                                                                       | 2                   |
|                                                         | 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                                                                       | Waveguide           |
|                                                         | Diameter                                                                   | N/A                 |
|                                                         | Other Diameter                                                             | N/A                 |
|                                                         | Segment Length                                                             | N/A                 |
|                                                         | Other Segment Length                                                       | N/A                 |
|                                                         | Number of parallel runs                                                    | 1                   |
|                                                         | Length                                                                     | 750 feet<br>per run |

Primary  
Transmission Line

New Transmission Line

| Section                     | Question                                  | Response                                                                                                                |
|-----------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| New Transmission Line Costs | Use                                       | Primary (Main)                                                                                                          |
|                             | Description of Use                        | N/A                                                                                                                     |
|                             | Change Type                               | Purchase New                                                                                                            |
|                             | Is this a request for upgraded equipment? | No                                                                                                                      |
|                             | Type                                      | Waveguide                                                                                                               |
|                             | Diameter                                  | N/A                                                                                                                     |
|                             | Other Diameter                            | N/A                                                                                                                     |
|                             | Segment Length                            | N/A                                                                                                                     |
|                             | Other Segment Length                      | N/A                                                                                                                     |
|                             | Number of parallel runs                   | 1                                                                                                                       |
|                             | Length                                    | 750 feet per run                                                                                                        |
|                             | Justification for New Transmission Line   | The the frequency cutoff for the existing WR1500 waveguide is channel 18 and the waveguide is not usable at channel 14. |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Primary  
Transmission Line**

**Existing Transmission Line**

| Section                                                 | Question                                                                   | Response         |
|---------------------------------------------------------|----------------------------------------------------------------------------|------------------|
| <b>Existing Transmission Line Description</b>           | Type of change                                                             | Purchase New     |
|                                                         | Use                                                                        | Primary (Main)   |
|                                                         | Description of Use                                                         | N/A              |
|                                                         | Ownership                                                                  | Owned            |
|                                                         | Owner                                                                      | N/A              |
|                                                         | Site                                                                       | 1                |
|                                                         | 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                                                                   | 6 1/8 inches     |
|                                                         | Other Diameter                                                             | N/A              |
|                                                         | Segment Length                                                             | 19 1/2 inches    |
|                                                         | Other Segment Length                                                       | N/A              |
|                                                         | Number of parallel runs                                                    | 1                |
|                                                         | Length                                                                     | 210 feet per run |

**Primary** **New Transmission Line**  
**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                                  | 6 1/8 inches                                                                                                |
|                                    | Other Diameter                            | N/A                                                                                                         |
|                                    | Segment Length                            | 20 inches                                                                                                   |
|                                    | Other Segment Length                      | N/A                                                                                                         |
|                                    | Number of parallel runs                   | 1                                                                                                           |
|                                    | Length                                    | 250 feet per run                                                                                            |
|                                    | Justification for New Transmission Line   | Length of line for channel 40 was wrong for channel 14 per ERI table. Need 20 foot sections for channel 14. |

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

Information not provided.

**Interim**  
**Transmission Line**

**New Transmission Line**

| Section                            | Question                                | Response                                                                                                                                             |
|------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>New Transmission Line Costs</b> | Use                                     | Interim                                                                                                                                              |
|                                    | Description of Use                      | N/A                                                                                                                                                  |
|                                    | Change Type                             | Lease New                                                                                                                                            |
|                                    | Type                                    | Rigid                                                                                                                                                |
|                                    | Diameter                                | 7 3/16 inches                                                                                                                                        |
|                                    | Segment Length                          | 20'                                                                                                                                                  |
|                                    | Other Segment Length                    |                                                                                                                                                      |
|                                    | Number of parallel runs                 | 1                                                                                                                                                    |
|                                    | Length                                  | 560 feet per run                                                                                                                                     |
|                                    | Justification for New Transmission Line | This is the existing transmission line at the WHKY-TV studio that will be utilized for the interim transmitting antenna mounted on the studio tower. |

**Interim**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Information not provided.

**Interim**  
**Transmission Line**

**New Transmission Line**

| Section                            | Question | Response |
|------------------------------------|----------|----------|
| <b>New Transmission Line Costs</b> | Use      | Interim  |
|                                    |          |          |

|                                         |                                                                                                                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of Use                      | N/A                                                                                                                                                                              |
| Change Type                             | Purchase New                                                                                                                                                                     |
| Type                                    | Flexible Air                                                                                                                                                                     |
| Diameter                                | 5 inches                                                                                                                                                                         |
| Segment Length                          | N/A                                                                                                                                                                              |
| Other Segment Length                    |                                                                                                                                                                                  |
| Number of parallel runs                 | 1                                                                                                                                                                                |
| Length                                  | 750 feet per run                                                                                                                                                                 |
| Justification for New Transmission Line | Interim antenna system is necessary to ensure uninterrupted service during transition to Channel 14. Implementation delays are anticipated due to land mobile protection issues. |

**Interim Transmission Line**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line** 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                                               | Leased            |
|                                                     | Is this tower consider Complex?                         | No                |
|                                                     | Is this tower currently shared with any other stations? | Yes               |
|                                                     | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|                                                     | Others Types of Users                                   | Yes               |
|                                                     | Is tower documented for structural analysis?            | Yes               |
|                                                     | Is tower compliant with Rev G?                          | Yes               |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes               |
|                                                     | ASR Number                                              | 1005065           |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)                                        | 35° 17' 15.0" N-  |
|                                                     | Longitude (NAD83)                                       | 080° 41' 44.0" W- |
|                                                     | Overall Structure Height                                | 1246.70 feet      |
|                                                     | Support Structure Height                                | 1197.49 feet      |
|                                                     | Ground Elevation Above Mean Sea Level (AMSL)            | 715.21 feet       |



|  |                  |                                          |
|--|------------------|------------------------------------------|
|  | Structure Type   | TOWER - Free Standing or Guyed Structure |
|  | Tower Owner      | Central Piedmont Community College       |
|  | Date Constructed | 08/01/1992                               |

**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 |
|-------------|-----------|---------|
| 53970       | WRFX      | FM      |
| 10645       | WTVI      | DTV     |
| 69436       | WFAE      | FM      |

#### Other Types of Users

| Users         |
|---------------|
| ENG Microwave |

#### Primary Tower

#### Tower Modification Costs

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

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Primary  
Tower****Existing Tower**

| Section                                                   | Question                                                | Response                 |
|-----------------------------------------------------------|---------------------------------------------------------|--------------------------|
| <b>Existing Tower<br/>Description</b>                     | 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)           | No                       |
|                                                           | Others Types of Users                                   | Yes                      |
|                                                           | Is tower documented for structural analysis?            | Yes                      |
|                                                           | Is tower compliant with Rev G?                          | Yes                      |
| <b>Existing Tower<br/>Structure<br/>Registration</b>      | Do you have a tower registration number?                | No                       |
|                                                           | ASR Number                                              |                          |
| <b>Coordinates (NAD83 (North American Datum of 1983))</b> | Latitude (NAD83)                                        | 35° 39' 28.5" N-         |
|                                                           | Longitude (NAD83)                                       | 081° 24' 23.3" W-        |
|                                                           | Overall Structure Height                                | 190.00 feet              |
|                                                           | Support Structure Height                                | 190.00 feet              |
|                                                           | Ground Elevation Above Mean Sea Level (AMSL)            | 1742.00 feet             |
|                                                           | Structure Type                                          | LTOWER - Lattice Tower   |
|                                                           | Tower Owner                                             | Long Communications, LLC |
|                                                           | Date Constructed                                        | 01/01/2005               |

**Other Types of Users**

**Users**

FM Trans W272DU

Duke Energy

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

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

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

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

**Primary  
Tower****Other Tower Expenses Not Listed**

Information not provided.

**Interim  
Tower**

**Tower Construction Costs**

| Section             | Question                    | Response                                                                                   |
|---------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| Construct New Tower | Use                         | Interim                                                                                    |
|                     | Description of Use          | N/A                                                                                        |
|                     | Height                      | 487.00 feet                                                                                |
|                     | Justification for New Tower | This is the current studio tower. No new tower construction or modifications are expected. |

**Interim  
Tower**

**Tower Rigging Costs**

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

**Interim  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

| Section                                                           | Question                                                                     | Response                                                                                                                                              |
|-------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Services Costs<br/>Outside Project<br/>Management Services</b> | Do you require outside project management services?                          | Yes                                                                                                                                                   |
|                                                                   | Number of Hours                                                              | 250                                                                                                                                                   |
|                                                                   | Explanation                                                                  | Station does not have internal resources to make changes needed for the channel moves at three sites. Will rely on outside services for this project. |
| <b>Outside RF consulting<br/>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                                                       | Yes                                                                                                                                                   |
|                                                                   | For Main Facility                                                            | Yes                                                                                                                                                   |
|                                                                   | Prepare engineering section of Form FCC License to Cover Application         | Yes                                                                                                                                                   |
|                                                                   | For Auxiliary Facility                                                       | Yes                                                                                                                                                   |
|                                                                   | For Main Facility                                                            | Yes                                                                                                                                                   |
|                                                                   | Prepare request for Special Temporary Authority                              | Yes                                                                                                                                                   |
|                                                                   | Quantity                                                                     | 2                                                                                                                                                     |
|                                                                   | Do you have Distributed Transmission System engineering services?            | Yes                                                                                                                                                   |
|                                                                   | Critical Facility                                                            | 1                                                                                                                                                     |
|                                                                   | Terrain-Shielded Facility                                                    | 0                                                                                                                                                     |

|                                                               |                                                                                            |                                       |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Attorney and Other<br/>Outside Consulting<br/>Services</b> | Prepare and file Form FCC Construction Permit Application                                  | Yes                                   |
|                                                               | For Auxiliary Facility                                                                     | Yes                                   |
|                                                               | For Main Facility                                                                          | Yes                                   |
|                                                               | Prepare and file Form FCC License to Cover Application                                     | Yes                                   |
|                                                               | For Auxiliary Facility                                                                     | Yes                                   |
|                                                               | For Main Facility                                                                          | Yes                                   |
|                                                               | Prepare request for Special Temporary Authority                                            | Yes                                   |
|                                                               | Quantity                                                                                   | 2                                     |
|                                                               | NEPA Section 106 environmental review                                                      | No                                    |
|                                                               | Environmental Assessment                                                                   | No                                    |
|                                                               | ASR Modification                                                                           | No                                    |
|                                                               | FAA Consultation (including preparation of FAA Form 7460)                                  | No                                    |
|                                                               | Negotiation of Lease and other Matter for Shared Locations                                 | Yes                                   |
|                                                               | Prepare or Review FCC Form 399 for Reimbursement                                           | Yes                                   |
|                                                               | Address transition timing and coordination issues w/ other stations and wireless providers | Yes                                   |
| <b>RF Field Engineering<br/>Services</b>                      | Comprehensive coverage verification via field study                                        | Yes                                   |
|                                                               | RF exposure measurements                                                                   | No                                    |
|                                                               | Additional Field Engineering Service                                                       | Yes                                   |
|                                                               | Number of Days                                                                             | 60                                    |
|                                                               | Justification                                                                              | Channel 14<br>DTS with<br>land mobile |

Outside  
Professional

Other Professional Services Expenses Not Listed

Services Costs

| Name                      | Description                                 |
|---------------------------|---------------------------------------------|
| 399 Outside work services | Work on Form 399 for reimbursement expenses |



## 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                                                            | Yes                    |
|                                     | Name                                                                                                                 | DTS Field measurements |
|                                     | Is Notification of a Medical Facility required as a result of DTV broadcasting?                                      | Yes                    |
| <b>Permit and Filing Costs</b>      | Local Zoning                                                                                                         | No                     |
|                                     | Non-zoning permits                                                                                                   | No                     |
|                                     | BLM or NFS Coordination                                                                                              | No                     |
|                                     | FCC Construction Permit Minor Change                                                                                 | Yes                    |
|                                     | FCC License to Cover Application                                                                                     | Yes                    |
|                                     | FCC Special Temporary Authority Application                                                                          | Yes                    |
| <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**

| Name                                                        | Description                                                 |
|-------------------------------------------------------------|-------------------------------------------------------------|
| Channel 14 Land Mobile Coordination<br>notification letters | Channel 14 land mobile Coordination<br>notification letters |

Cost  
Information

Transmitters

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<br>Cost | Actual Cost<br>Justification |
|------------------------------------------------------------|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------|----------------|------------------------------|
| Interim<br>Transmitter<br>SCx9000                          | \$1,291,435.00                 | \$1,231,800.00    |                                                                                                   | \$0.00         |                              |
| UHF inside<br>RF system<br>including<br>switching          | \$147,500.00                   | \$140,000.00      | N/A                                                                                               | N/A            | N/A                          |
| Additional<br>field<br>engineering<br>time, 10-30<br>days  | \$63,100.00                    | \$60,000.00       | N/A                                                                                               | N/A            | N/A                          |
| Channel 14<br>Mask Filter                                  | \$189,500.00                   | \$180,000.00      | N/A                                                                                               | N/A            | N/A                          |
| RF<br>Consulting<br>Engineer                               | \$5,260.00                     | \$5,000.00        | N/A                                                                                               | N/A            | N/A                          |
| Other --<br>HVAC<br>Service<br>Type: C Size:<br>20 (Other) | \$55,000.00                    | \$55,000.00       | Add<br>additional 20<br>ton system<br>to building<br>for cooling of<br>solid state<br>transmitter | N/A            | N/A                          |

|                                                                                                                                                                                                         |                     |                     |                                                                                                                |               |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|----------------------------------------------------------------------------------------------------------------|---------------|-----|
| Other Electrical Service: Replacement of the current 208 volt feed to the studio. The 480 feed was removed at the end of analog transmission. We will have to feed the 208 volt feed from the 480 feed. | <b>\$40,000.00</b>  | \$40,000.00         | Replace current 208 volt feed to studio with 480 feed. Replacement of power transformer and switch gear, wire. | N/A           | N/A |
| 4" Rigid Conduit and Wiring (Cost per foot)                                                                                                                                                             | \$17,675.00         | \$16,800.00         | N/A                                                                                                            | N/A           | N/A |
| Transformer 3 phase /480v - 300 KVA                                                                                                                                                                     | \$36,800.00         | \$35,000.00         | N/A                                                                                                            | N/A           | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW                                                                                                                                                | \$684,000.00        | \$650,000.00        | N/A                                                                                                            | N/A           | N/A |
| Service entrance 3 phase/800 amp/208 volt                                                                                                                                                               | \$14,400.00         | \$13,700.00         | N/A                                                                                                            | N/A           | N/A |
| Switchgear - industrial 800 amp                                                                                                                                                                         | \$38,200.00         | \$36,300.00         | N/A                                                                                                            | N/A           | N/A |
| <b>Primary Transmitter TMU9</b>                                                                                                                                                                         | <b>\$342,260.00</b> | <b>\$331,175.00</b> |                                                                                                                | <b>\$0.00</b> |     |

|                                                                                                 |                       |                       |                                                                          |               |     |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|--------------------------------------------------------------------------|---------------|-----|
| Channel 14<br>-- Additional<br>field<br>engineering<br>time, 5 days                             | <b>\$10,000.00</b>    | \$10,000.00           | Provide<br>engineering<br>for channel<br>14, land<br>mobile<br>problems. | N/A           | N/A |
| Channel 14<br>Mask Filter                                                                       | \$189,500.00          | \$180,000.00          | N/A                                                                      | N/A           | N/A |
| RF<br>Consulting<br>Engineer                                                                    | \$5,260.00            | \$5,000.00            | N/A                                                                      | N/A           | N/A |
| Other<br>Electrical<br>Service:<br>Support for<br>cooling<br>system and<br>outside<br>equipment | <b>\$5,000.00</b>     | \$5,000.00            | Cooling<br>system<br>wiring for<br>control and<br>pumps<br>systems       | N/A           | N/A |
| 2" Rigid<br>Conduit and<br>Wiring (Cost<br>per foot)                                            | \$1,950.00            | \$1,875.00            | N/A                                                                      | N/A           | N/A |
| Transformer<br>3 phase<br>/480v - 150<br>KVA                                                    | \$25,550.00           | \$24,300.00           | N/A                                                                      | N/A           | N/A |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter<br>1.2 kW                                  | <b>\$105,000.00</b>   | \$105,000.00          | N/A                                                                      | N/A           | N/A |
| <b>Primary<br/>Transmitter<br/>SCx9000</b>                                                      | <b>\$2,421,960.00</b> | <b>\$2,305,900.00</b> |                                                                          | <b>\$0.00</b> |     |
| Additional<br>field<br>engineering<br>time, 10-30<br>days                                       | \$63,100.00           | \$60,000.00           | N/A                                                                      | N/A           | N/A |
| Channel 14<br>Mask Filter                                                                       | \$189,500.00          | \$180,000.00          | N/A                                                                      | N/A           | N/A |

|                                                              |                    |                |                                                                               |             |     |
|--------------------------------------------------------------|--------------------|----------------|-------------------------------------------------------------------------------|-------------|-----|
| RF Consulting Engineer                                       | \$5,260.00         | \$5,000.00     | N/A                                                                           | N/A         | N/A |
| Other -- HVAC Service Type: C Size: 20 (Other)               | <b>\$55,000.00</b> | \$55,000.00    | provide 20 ton air conditioning system fro cooling of solid state transmitter | N/A         | N/A |
| Other Electrical Service: Cooling system and control wiring. | <b>\$25,000.00</b> | \$25,000.00    | Provide control and cooling system wiring for new transmitter.                | N/A         | N/A |
| 4" Rigid Conduit and Wiring (Cost per foot)                  | \$10,100.00        | \$9,600.00     | N/A                                                                           | N/A         | N/A |
| UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW     | \$1,999,000.00     | \$1,900,000.00 | 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 - 300 KVA                          | \$36,800.00        | \$35,000.00    | N/A                                                                           | N/A         | N/A |
| <b>Sub-total</b>                                             | \$4,055,655.00     | \$3,868,875.00 | N/A                                                                           | \$0.00      | N/A |
| <b>Total for all systems</b>                                 | \$6,334,870.00     | \$5,838,310.00 | N/A                                                                           | \$27,769.00 | N/A |

## 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<br>Cost Estimate | Estimated<br>Cost   | Estimated<br>Cost<br>Justification | Actual<br>Cost | Actual Cost<br>Justification |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|------------------------------------|----------------|------------------------------|
| <b>Interim<br/>Antenna<br/>ATW16H3-<br/>HSP5-14</b>                                                                                                 | <b>\$369,230.00</b>            | <b>\$351,400.00</b> |                                    | <b>\$0.00</b>  |                              |
| Interim<br>antenna<br>rental and<br>installation -<br>Cost will<br>depend on<br>antenna<br>size and<br>height and<br>/or<br>complexity<br>of tower. | \$115,500.00                   | \$110,000.00        | N/A                                | N/A            | N/A                          |
| Sweep test<br>of existing<br>antenna                                                                                                                | \$6,730.00                     | \$6,400.00          | N/A                                | N/A            | N/A                          |
| UHF - High<br>Power Top<br>Mount (200-<br>1000 kW),<br>One station<br>antenna,<br>horizontally<br>polarized                                         | \$247,000.00                   | \$235,000.00        | N/A                                | N/A            | N/A                          |
| <b>Primary<br/>Antenna<br/>ALP8L4-<br/>HSBR-14</b>                                                                                                  | <b>\$132,440.00</b>            | <b>\$130,100.00</b> |                                    | <b>\$0.00</b>  |                              |

|                                                                                                        |                     |                     |                                                                                                            |               |     |
|--------------------------------------------------------------------------------------------------------|---------------------|---------------------|------------------------------------------------------------------------------------------------------------|---------------|-----|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00          | \$5,000.00          | N/A                                                                                                        | N/A           | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00         | \$22,000.00         | N/A                                                                                                        | N/A           | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | \$12,300.00         | \$11,700.00         | N/A                                                                                                        | N/A           | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 10 kW input, directional,, horizontally polarized    | <b>\$85,000.00</b>  | \$85,000.00         | The Form 399 did not populate this field. This is the estimated cost of the main antenna for WHKY-TV DTS2. | N/A           | N/A |
| Sweep test of existing antenna                                                                         | \$6,730.00          | \$6,400.00          | N/A                                                                                                        | N/A           | N/A |
| <b>Primary Antenna ATW18HS3-HTWC-14H</b>                                                               | <b>\$282,440.00</b> | <b>\$280,100.00</b> |                                                                                                            | <b>\$0.00</b> |     |



|                                                                                                        |                     |                |                                                                                                                   |             |     |
|--------------------------------------------------------------------------------------------------------|---------------------|----------------|-------------------------------------------------------------------------------------------------------------------|-------------|-----|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00          | \$5,000.00     | N/A                                                                                                               | N/A         | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00         | \$22,000.00    | N/A                                                                                                               | N/A         | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | \$12,300.00         | \$11,700.00    | N/A                                                                                                               | N/A         | N/A |
| Sweep test of existing antenna                                                                         | \$6,730.00          | \$6,400.00     | N/A                                                                                                               | N/A         | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 537 kW input, directional,, horizontally polarized   | <b>\$235,000.00</b> | \$235,000.00   | The Form 399 catalog did not populate this field. This is the estimated cost of the new antenna for WHKY-TV DTS1. | N/A         | N/A |
| <b>Sub-total</b>                                                                                       | \$784,110.00        | \$761,600.00   | N/A                                                                                                               | \$0.00      | N/A |
| <b>Total for all systems</b>                                                                           | \$6,334,870.00      | \$5,838,310.00 | N/A                                                                                                               | \$27,769.00 | N/A |

## Components

Information not provided.

## Cost Information

### Transmission Line

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

| Description                                              | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification                                                                           | Actual Cost   | Actual Cost Justification |
|----------------------------------------------------------|-----------------------------|---------------------|--------------------------------------------------------------------------------------------------------|---------------|---------------------------|
| <b>Interim Transmission Line</b>                         | <b>\$162,400.00</b>         | <b>\$0.00</b>       |                                                                                                        | <b>\$0.00</b> |                           |
| Rigid Transmission Line - copper, 7 3/16"                | \$162,400.00                | \$0.00              | Using Old line on tower that was used for channel 14 analog.                                           | N/A           | N/A                       |
| <b>Interim Transmission Line</b>                         | <b>\$78,750.00</b>          | <b>\$75,000.00</b>  |                                                                                                        | <b>\$0.00</b> |                           |
| Flexible Air Transmission Line - dielectric, 5"          | \$78,750.00                 | \$75,000.00         | N/A                                                                                                    | N/A           | N/A                       |
| <b>Primary Transmission Line</b>                         | <b>\$324,375.00</b>         | <b>\$324,375.00</b> |                                                                                                        | <b>\$0.00</b> |                           |
| Waveguide Transmission Line - " 1 parallel runs 750 feet | <i>\$324,375.00</i>         | \$324,375.00        | Replacement of WR1500 waveguide with EWG-1800 elliptical waveguide for channel 14. See attached quote. | N/A           | N/A                       |
| <b>Primary Transmission Line</b>                         | <b>\$50,500.00</b>          | <b>\$48,000.00</b>  |                                                                                                        | <b>\$0.00</b> |                           |

|                                                   |                |                |     |             |     |
|---------------------------------------------------|----------------|----------------|-----|-------------|-----|
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8" | \$50,500.00    | \$48,000.00    | N/A | N/A         | N/A |
| <b>Sub-total</b>                                  | \$616,025.00   | \$447,375.00   | N/A | \$0.00      | N/A |
| <b>Total for all<br/>systems</b>                  | \$6,334,870.00 | \$5,838,310.00 | N/A | \$27,769.00 | N/A |

## Components

Information not provided.

## Cost Information

### Tower Equipment and Rigging Costs

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

| Description                                                       | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification                                                                           | Actual Cost   | Actual Cost Justification |
|-------------------------------------------------------------------|-----------------------------|---------------------|--------------------------------------------------------------------------------------------------------|---------------|---------------------------|
| <b>Interim Tower</b>                                              | <b>\$84,200.00</b>          | <b>\$0.00</b>       |                                                                                                        | <b>\$0.00</b> |                           |
| New tower                                                         | <i>\$0.00</i>               | \$0.00              | Existing tower will be employed with no modifications expected to be required.                         | N/A           | N/A                       |
| Short Tower (less than 500')                                      | \$84,200.00                 | \$0.00              | No new rigging work is expected for existing studio tower and antenna to be used for interim facility. | N/A           | N/A                       |
| <b>Primary Tower TOWER</b>                                        | <b>\$381,100.00</b>         | <b>\$362,000.00</b> |                                                                                                        | <b>\$0.00</b> |                           |
| Tall Tower (greater than 500')                                    | \$210,500.00                | \$200,000.00        | N/A                                                                                                    | N/A           | N/A                       |
| Minor tower reinforcement /modifications                          | \$158,000.00                | \$150,000.00        | N/A                                                                                                    | N/A           | N/A                       |
| Structural engineering tower load study for well documented tower | \$12,600.00                 | \$12,000.00         | N/A                                                                                                    | N/A           | N/A                       |

|                                                                   |                       |                       |            |                    |            |
|-------------------------------------------------------------------|-----------------------|-----------------------|------------|--------------------|------------|
| <b>Primary Tower LTOWER</b>                                       | <b>\$96,800.00</b>    | <b>\$92,000.00</b>    |            | <b>\$0.00</b>      |            |
| Short Tower (less than 500')                                      | \$84,200.00           | \$80,000.00           | N/A        | N/A                | N/A        |
| Structural engineering tower load study for well documented tower | \$12,600.00           | \$12,000.00           | N/A        | N/A                | N/A        |
| <b>Sub-total</b>                                                  | <b>\$562,100.00</b>   | <b>\$454,000.00</b>   | <b>N/A</b> | <b>\$0.00</b>      | <b>N/A</b> |
| <b>Total for all systems</b>                                      | <b>\$6,334,870.00</b> | <b>\$5,838,310.00</b> | <b>N/A</b> | <b>\$27,769.00</b> | <b>N/A</b> |

## Components

Information not provided.

## Cost Information

### Outside Professional Services

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

| Description                                                    | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification                                                                                                      | Actual Cost        | Actual Cost Justification                                  |
|----------------------------------------------------------------|-----------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|
| <b>Outside Professional Services</b>                           | <b>\$268,790.00</b>         | <b>\$258,875.00</b> |                                                                                                                                   | <b>\$22,769.00</b> |                                                            |
| 399 Outside work services                                      | <i>\$28,125.00</i>          | \$28,125.00         | Outside Engineering Services not included in original 399.                                                                        | \$19,269.00        | Outside Engineering Services not included in original 399. |
| Additional Field Engineering Service, 60 Days                  | <i>\$60,000.00</i>          | \$60,000.00         | Additional field engineering required due to land mobile interference issues and DTS requirements.                                | N/A                | N/A                                                        |
| Comprehensive coverage verification via field study, if needed | \$84,200.00                 | \$80,000.00         | In order for the DTS system to operate with minimal mutual interference, it is necessary to verify coverage via field study work. | N/A                | N/A                                                        |

|                                                                                                                         |            |            |                                                             |        |     |
|-------------------------------------------------------------------------------------------------------------------------|------------|------------|-------------------------------------------------------------|--------|-----|
| Attorney Fees -<br>Prepare and<br>File request for<br>Special<br>Temporary<br>Authorization                             | \$7,360.00 | \$7,000.00 | N/A                                                         | N/A    | 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                                                         | N/A    | N/A |
| Attorney Fees -<br>Aux Antenna,<br>prepare and<br>File Form 2100<br>Construction<br>Permit or<br>License<br>Application | \$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>Construction<br>Permit<br>Application                | \$5,260.00 | \$5,000.00 | N/A                                                         | \$0.00 | N/A |
| DTS Site RF<br>Consulting<br>Engineer -<br>Terrain-<br>shielded Facility                                                | \$0.00     | \$0.00     | This a critical<br>non-terrain<br>shielded<br>DTS facility. | N/A    | N/A |
| DTS Site RF<br>Consulting<br>Engineer -<br>Critical Facility                                                            | \$8,420.00 | \$8,000.00 | N/A                                                         | N/A    | N/A |



|                                                                                                                            |            |            |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------|------------|------------|-----|-----|-----|
| Prepare request for Special Temporary Authorization                                                                        | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees-<br>Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application    | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application                                          | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees-<br>Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | 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 | N/A | N/A |

|                                                                                  |                |                |     |             |     |
|----------------------------------------------------------------------------------|----------------|----------------|-----|-------------|-----|
| Perform engineering study for new channel assignment and antenna development     | \$7,360.00     | \$7,000.00     | N/A | \$3,500.00  | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00     | \$2,500.00     | N/A | N/A         | N/A |
| Prepare and or review reimbursement form                                         | \$2,630.00     | \$2,500.00     | N/A | N/A         | N/A |
| Project management of the transition                                             | \$39,500.00    | \$37,500.00    | N/A | N/A         | N/A |
| <b>Sub-total</b>                                                                 | \$268,790.00   | \$258,875.00   | N/A | \$22,769.00 | N/A |
| <b>Total for all systems</b>                                                     | \$6,334,870.00 | \$5,838,310.00 | N/A | \$27,769.00 | N/A |

## Components

| Actual Information        |                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | File Name                                                                                                                                                  |
| 399 Outside work services | <p><b>Component Description:</b> Work on Form 399 for reimbursement expenses. FCC filing issues accepting a DTS Form.</p> <p><b>Amount:</b> \$4,000.00</p> |

|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>Component Description:</b> | Search for alternate UHF channel assignment |
| <b>Amount:</b>                | \$1,625.00                                  |

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| <b>Component Description:</b> | Attorney Form 399 work, problems with submission because of DTS |
| <b>Amount:</b>                | \$988.00                                                        |

|                               |                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Component Description:</b> | Reimbursement expenses WHKY. RF Interference DTS-1 analysis for Ch 14 to determine correct mask filter to avoid interference to land mobile services in 460-470 MHz band |
| <b>Amount:</b>                | \$5,000.00                                                                                                                                                               |

|                               |                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Component Description:</b> | Reimbursement expenses WHKY. RF Interference DTS-2 analysis for Ch 14 to determine correct mask filter to avoid interference to land mobile services in 460-470 MHz band. Additional work. |
| <b>Amount:</b>                | \$2,500.00                                                                                                                                                                                 |

|                               |                       |
|-------------------------------|-----------------------|
| <b>Component Description:</b> | Attorney FCC 399 work |
| <b>Amount:</b>                | \$156.00              |

|                                                                                                    |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                    | <p><b>Component Description:</b></p> <p>Reimbursement expenses WHKY. RF Interference DTS-2 analysis for Ch 14 to determine correct mask filter to avoid interference to land mobile services in 460-470 MHz band</p> <p><b>Amount:</b></p> <p>\$5,000.00</p> |
| Additional Field Engineering Service, 60 Days                                                      | Information not provided.                                                                                                                                                                                                                                    |
| Comprehensive coverage verification via field study, if needed                                     | Information not provided.                                                                                                                                                                                                                                    |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | Information not provided.                                                                                                                                                                                                                                    |
| Attorney Fees - Negotiation of lease and other matters for shared locations                        | Information not provided.                                                                                                                                                                                                                                    |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application                 | Information not provided.                                                                                                                                                                                                                                    |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided.                                                                                                                                                                                                                                    |

|                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------|-----------------------|-----------------|--------------------------------------|------------------------------------|-----------------------|-----------------|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>                                  | <table> <tr> <td data-bbox="697 100 1114 324"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 100 1428 324"> <p>Attorney planning, advising, loading minor mod application</p> </td></tr> <tr> <td data-bbox="697 324 1114 436"> <p><b>Amount:</b></p> </td><td data-bbox="1114 324 1428 436"> <p>\$208.00</p> </td></tr> <tr> <td data-bbox="697 436 1114 548"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 436 1428 548"> <p>Schedule 2100 attorney work</p> </td></tr> <tr> <td data-bbox="697 548 1114 645"> <p><b>Amount:</b></p> </td><td data-bbox="1114 548 1428 645"> <p>\$806.00</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>Attorney planning, advising, loading minor mod application</p> | <p><b>Amount:</b></p> | <p>\$208.00</p> | <p><b>Component Description:</b></p> | <p>Schedule 2100 attorney work</p> | <p><b>Amount:</b></p> | <p>\$806.00</p> |
| <p><b>Component Description:</b></p>                                                                                           | <p>Attorney planning, advising, loading minor mod application</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p><b>Amount:</b></p>                                                                                                          | <p>\$208.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p><b>Component Description:</b></p>                                                                                           | <p>Schedule 2100 attorney work</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p><b>Amount:</b></p>                                                                                                          | <p>\$806.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>DTS Site RF Consulting Engineer - Terrain-shielded Facility</p>                                                             | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>DTS Site RF Consulting Engineer - Critical Facility</p>                                                                     | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>Prepare request for Special Temporary Authorization</p>                                                                     | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>    | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>                                       | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application</p> | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>                                    | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                   |                       |                 |                                      |                                    |                       |                 |

|                                                                                  |                                                                                                                                                                                |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Perform engineering study for new channel assignment and antenna development     | <p><b>Component Description:</b></p> <p>Engineering work for new Channel and Antenna. Prepare Engineering section of FCC Form 2100</p> <p><b>Amount:</b></p> <p>\$3,500.00</p> |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided.                                                                                                                                                      |
| Prepare and or review reimbursement form                                         | Information not provided.                                                                                                                                                      |
| Project management of the transition                                             | Information not provided.                                                                                                                                                      |

Cost  
Information

Other Expenses

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

| Description                                                              | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification                     | Actual Cost | Actual Cost Justification |
|--------------------------------------------------------------------------|-----------------------------|----------------|--------------------------------------------------|-------------|---------------------------|
| Other Expenses                                                           | \$48,190.00                 | \$47,585.00    |                                                  | \$5,000.00  |                           |
| Channel 14 Land Mobile Coordination notification letters                 | <i>\$10,000.00</i>          | \$10,000.00    | Need for DTV channel 14 to Land Mobile inference | \$5,000.00  | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$2,500.00</i>           | \$2,500.00     | N/A                                              | N/A         | N/A                       |
| FCC Filing Fees - Special Temporary Authorization request                | \$195.00                    | \$190.00       | N/A                                              | N/A         | N/A                       |
| FCC Filing Fees - Form 2100 license to cover application                 | \$335.00                    | \$325.00       | N/A                                              | N/A         | N/A                       |
| FCC Filing Fees - Form 2100 minor change CP application                  | \$1,110.00                  | \$1,070.00     | N/A                                              | \$0.00      | N/A                       |
| DTV Medical Facility Notification                                        | \$11,550.00                 | \$11,000.00    | N/A                                              | N/A         | N/A                       |

|                                                                                         |                       |                       |                                                                                                                                                                                                                  |                    |            |
|-----------------------------------------------------------------------------------------|-----------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------|
| Other Distributed Transmission System Expenses Not listed, Name: DTS Field measurements | <b>\$10,000.00</b>    | \$10,000.00           | DTS Field measurements are included as part of comprehensive coverage verification costs. But will be required as part of this project. We will need to develop null points to protect reception of the station. | N/A                | N/A        |
| Equipment Delivery and Handling Charges                                                 | <b>\$5,000.00</b>     | \$5,000.00            | N/A                                                                                                                                                                                                              | N/A                | N/A        |
| Develop and air announcement of upcoming channel change                                 | <b>\$2,500.00</b>     | \$2,500.00            | Development and airing of channel change announcements to ensure uninterrupted service to the public.                                                                                                            | N/A                | N/A        |
| MVPD Notification of Channel Change                                                     | <b>\$2,500.00</b>     | \$2,500.00            | N/A                                                                                                                                                                                                              | N/A                | N/A        |
| Equipment Storage                                                                       | <b>\$2,500.00</b>     | \$2,500.00            | N/A                                                                                                                                                                                                              | N/A                | N/A        |
| <b>Sub-total</b>                                                                        | <b>\$48,190.00</b>    | <b>\$47,585.00</b>    | <b>N/A</b>                                                                                                                                                                                                       | <b>\$5,000.00</b>  | <b>N/A</b> |
| <b>Total for all systems</b>                                                            | <b>\$6,334,870.00</b> | <b>\$5,838,310.00</b> | <b>N/A</b>                                                                                                                                                                                                       | <b>\$27,769.00</b> | <b>N/A</b> |

## Components

**Actual Information**  
**Description**

**File Name**



|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Channel 14 Land Mobile Coordination notification letters                                | <p><b>Component Description:</b> Land Mobile Services WHKY Land Mobile Web Site Development</p> <p><b>Amount:</b> \$5,000.00</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value)                | Information not provided.                                                                                                        |
| FCC Filing Fees - Special Temporary Authorization request                               | Information not provided.                                                                                                        |
| FCC Filing Fees - Form 2100 license to cover application                                | Information not provided.                                                                                                        |
| FCC Filing Fees - Form 2100 minor change CP application                                 | <p><b>Component Description:</b> Filing fee paid to FCC 2100 CP application</p> <p><b>Amount:</b> \$1,070.00</p>                 |
| DTV Medical Facility Notification                                                       | Information not provided.                                                                                                        |
| Other Distributed Transmission System Expenses Not listed, Name: DTS Field measurements | Information not provided.                                                                                                        |
| Equipment Delivery and Handling Charges                                                 | Information not provided.                                                                                                        |
| Develop and air announcement of upcoming channel change                                 | Information not provided.                                                                                                        |
| MVPD Notification of Channel Change                                                     | Information not provided.                                                                                                        |
| Equipment Storage                                                                       | Information not provided.                                                                                                        |

|                  |                       |                             |                |
|------------------|-----------------------|-----------------------------|----------------|
| Cost Information | Grand Total           |                             |                |
|                  |                       | Predetermined Cost Estimate | Estimated Cost |
|                  |                       |                             | Actual Cost    |
|                  | Total for all systems | \$6,334,870.00              | \$5,838,310.00 |
|                  |                       |                             | \$27,769.00    |

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

| Certification | Section                                     | Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Response |
|---------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>                                                                                                                                                       |          |
|               |                                             | <ol style="list-style-type: none"> <li>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>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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>Thomas Edmund Long , Jr .</b><br/><i>Director of Engineering</i></p> <p>07/26/2018</p> |

| Certification | Section                                            | Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Response |
|---------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|               | Submission of Actual Cost Documentation Statements | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).                                                                |          |
|               |                                                    | <ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol> |          |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

|                                                                                                                                                                                                                                                                                                                                                                    |                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |                                                                                               |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>                                                                                                                                                                                                          | <p><b>Thomas Edmind Long , Jr .</b><br/> <i>Director of Engineering</i></p> <p>07/26/2018</p> |

## Attachments