

(REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

67971 Service: DTV Channel: 28 (UHF) Facility Call WHFT-TV Sign:

ID:

File 0000028070

Number:

FRN: 0005022587 Date 10/24

> Submitted: /2018

#### **Applicant** Information

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

| Applicant                             | Address  | Phone                       | Email                       | Applicant<br>Type  |
|---------------------------------------|--|-----------------------------|-----------------------------|--------------------|
| TRINITY BROADCASTING OF FLORIDA, INC. | 3324 PEMBROKE ROAD PEMBROKE PARK, FL 33021 United States | +1<br>(954)<br>962-<br>1700 | cmmay@maylawoffices.<br>com | Not-for-<br>Profit |

## Reimbursement Contact Name and Information Reimbursement Contact Information

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

#### **Preparer** Contact Information

#### **Preparer Contact Name and Information**

| Applicant | Address | Phone | Email |
|-----------|---------|-------|-------|
|           |         |       |       |

The Preparer is same as the reimbursement contact.

**Broadcaster** Information and **Transition** Plan

Question Response

| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes   |
|--|---|
| Briefly describe transition plan   | Reduce TPO to 50% and remove 1/2 of the xmitter system. Install new SS xmitter system. Add AUX antenna & line to the tower & feed it with a reduced signal from |

the current xmitter. Remove & replace

antenna. Test.

# Transmitters Section Question Response Transmitter Related Expenses Do you have transmitter related expenses? Yes

## Auxiliary Transmitter

## Add Transmitter Information

| Section                          | Question   | Response              |
|----------------------------------|--|-----------------------|
| Existing Transmitter Description | Type of change   | Purchase<br>New       |
|                                  | Use  | Auxiliary<br>(Backup) |
|                                  | Description of Use   | Backup                |
|                                  | Ownership  | Owned                 |
|                                  | Owner  | N/A                   |
|                                  | Site   | N/A                   |
|                                  | Is this transmitter currently shared with another station? | No                    |
|                                  | Is this transmitter currently in operating condition?      | Yes                   |
| Existing Transmitter             | Manufacturer   |                       |
| Manufacturer and Type            | Model  | TDU2 12K0<br>LV       |
|                                  | Year   | 2005                  |
|                                  | Туре   | Solid State           |
|                                  | Solid State Cooling  | Liquid<br>Cooled      |
|                                  | Solid State Power Capacity                                 | 12 kW                 |

## Auxiliary Transmitter

## **New Transmitter Costs**

| Section         | Question                                  | Response              |
|-----------------|---|-----------------------|
| New Transmitter | Use                                       | Auxiliary<br>(Backup) |
|                 | Change Type                               | Purchase<br>New       |
|                 | Is this a request for upgraded equipment? | No                    |
|                 | Manufacturer                              |                       |
|                 | Model                                     | HPTV<br>PRLX U8       |
|                 | Transmitter Type                          | Solid State           |
|                 | Solid State Cooling                       | Liquid<br>Cooled      |
|                 | Solid State Power capacity                | 13 kW                 |
|                 | Justification for New Transmitter         | see<br>attachment     |

## Auxiliary Transmitter

## **Other Transmitter Costs**

| Section            | Question   | Response |
|--------------------|--|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V)                  | No       |
|                    | Switchgear (industrial 800 amp)                        | No       |
|                    | Transformer (480V)                                     | No       |
|                    | Power  | N/A      |
|                    | Rigid Conduit and Wiring                               | No       |
|                    | Size   | N/A      |
|                    | Length   | N/A      |
|                    | Other Electrical Service                               | No       |
|                    | Description  | N/A      |
| HVAC Service       | Does the replacement transmitter require HVAC Service? | No       |

|   | Туре   | N/A |
|---|--|-----|
|   | Size   | N/A |
|   | Other Size   | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No  |
|   | Size   | N/A |
| Channel 14 Costs  | Is an RF Consulting Engineer needed?   | N/A |
|   | Is a channel 14 Mask Filer needed?   | N/A |
|   | Is additional field engineering time needed?   | N/A |
|   | Number of Days   | N/A |

# Auxiliary Transmitter Unformation not provided.

**Other Transmitter Cost Not Listed** 

## Primary Transmitter

## **Existing Transmitter Information**

| Section                          | Question   | Response                 |
|----------------------------------|--|--------------------------|
| Existing Transmitter Description | Type of change   | Purchase<br>New          |
|                                  | Use  | Primary<br>(Main)        |
|                                  | Description of Use   | N/A                      |
|                                  | Ownership  | Owned                    |
|                                  | Owner  | N/A                      |
|                                  | Site   | N/A                      |
|                                  | Is this transmitter currently shared with another station? | No                       |
|                                  | Is this transmitter currently in operating condition?      | Yes                      |
| Existing Transmitter             | Manufacturer   |                          |
| Manufacturer and Type            | Model  | DCX 2                    |
|                                  | Year   | 2003                     |
|                                  | Туре   | Inductive<br>Output Tube |
|                                  | IOT Power Type   | Two                      |
|                                  | Power Capacity   | 50 kW                    |

## Primary Transmitter

## **New Transmitter Costs**

| Section         | Question                                  | Response          |
|-----------------|---|-------------------|
| New Transmitter | Use                                       | Primary<br>(Main) |
|                 | Change Type                               | Purchase<br>New   |
|                 | Is this a request for upgraded equipment? | No                |
|                 | Manufacturer                              |                   |
|                 | Model                                     | HPTV-<br>PRLX-U18 |
|                 | Transmitter Type                          | Solid State       |
|                 | Solid State Cooling                       | Liquid<br>Cooled  |
|                 | Solid State Power capacity                | 30 kW             |
|                 | Justification for New Transmitter         | see<br>attachment |

## Primary Transmitter

#### **Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No       |
|                    | Switchgear (industrial 800 amp)       | No       |
|                    | Transformer (480V)                    | No       |
|                    | Power                                 | N/A      |
|                    | Rigid Conduit and Wiring              | No       |
|                    | Size                                  | N/A      |
|                    | Length                                | N/A      |
|                    | Other Electrical Service              | Yes      |
|                    |                                       | ı        |

|   | Description  | various<br>disconnect,<br>breakers,<br>labor |
|---|--|--|
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | No   |
|   | Туре   | N/A  |
|   | Size   | N/A  |
|   | Other Size   | N/A  |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No   |
|   | Size   | N/A  |
| Channel 14 Costs  | Is an RF Consulting Engineer needed?   | N/A  |
|   | Is a channel 14 Mask Filer needed?   | N/A  |
|   | Is additional field engineering time needed?   | N/A  |
|   | Number of Days   | N/A  |

## Primary Transmitter

## **Other Transmitter Cost Not Listed**

| Name         | Description          |
|--------------|----------------------|
| installation | xmitter installation |

#### **Antennas**

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

## **Existing Antenna Information**

| Section                      | Question   | Response           |
|------------------------------|--|--------------------|
| Existing Antenna Description | Type of change   | Purchase<br>New    |
|                              | Antenna Use  | Primary<br>(Main)  |
|                              | Description of Use   | N/A                |
|                              | Ownership  | Owned              |
|                              | Owner  | N/A                |
|                              | Site   | N/A                |
|                              | Is the existing antenna shared with another station or stations? | No                 |
|                              | Is the existing antenna directional?                             | Yes                |
|                              | Is antenna in operating condition?                               | Yes                |
|                              | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| Existing Antenna             | Class  | Full Power         |
| Manufacturer and Type        | Mounting   | Top Mount          |
|                              | Antenna position in stack  | Not in Stack       |
|                              | Polarization   | Horizontal         |
|                              | Туре   | 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)                                  | 1000.0 kW          |

| Manufacturer |                       |
|--------------|-----------------------|
| Model        | ATW17H5-<br>HTPXL-45H |
| Year         | 2004                  |

## **New Antenna Costs**

| Section                 | Question   | Response           |
|-------------------------|--|--------------------|
| New Antenna Description | Use  | Primary<br>(Main)  |
|                         | Description of Use   | N/A                |
|                         | Change Type  | Purchase<br>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             | Class  | Full Power         |
| Manufacturer and Types  | Mounting   | Top Mount          |
|                         | Antenna position in stack  | Not in Stack       |
|                         | Polarization   | Horizontal         |
|                         | Туре   | 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)                                      | 701.0 kW           |
|                         | Manufacturer   |                    |
|                         |  |                    |

| Model                         | ATW13H3-<br>HTPX-28H                                  |
|-------------------------------|---|
| Year                          | 2017  |
| Justification for New Antenna | Old antenna is too far off in frequency to be reused. |

## **Other Antenna Costs**

| Section                        | Question  | Response            |
|--------------------------------|---|---------------------|
| Combiner for Shared<br>Antenna | Do you need a Combiner for a Shared Antenna?  | No                  |
|                                | Туре  |                     |
|                                | Number of channels supported  | N/A                 |
|                                | Frequencies of channels supported   | N/A                 |
|                                | Frequency   | N/A                 |
|                                | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A                 |
| Elbow Complex                  | Do you require the separate purchase of the Elbow Complex?  | Yes                 |
|                                | Broadband or Single Channel?  | Single<br>Channel   |
|                                | Feed Line Size  | 6 1/8 inches inches |
| Side Mount Brackets            | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No                  |
| Pattern Scatter Analysis       | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No                  |
| Sweep Test                     | Do you require the sweep testing of transmission line and antenna?  | Yes                 |

**Other Antenna Cost Not Listed** 

Information not provided.

#### Interim Antenna

## **New Antenna Costs**

| Section                 | Question   | Response            |
|-------------------------|--|---------------------|
| New Antenna Description | Use  | Interim             |
|                         | Description of Use   | N/A                 |
|                         | Change Type  | Purchase<br>New     |
|                         | Ownership  | Owned               |
|                         | Owner  | N/A                 |
|                         | Is antenna shared?   | No                  |
|                         | Is antenna directional?  | Yes                 |
|                         | Will antenna be located on or in close proximity to an antenna farm? | No                  |
| New Antenna             | Class  | Full Power          |
| Manufacturer and Type   | Mounting   | Side Mount          |
|                         | Antenna position in stack  | Not in Stack        |
|                         | Polarization   | Horizontal          |
|                         | Туре   | 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)                                      | 240.0 kW            |
|                         | Manufacturer   |                     |
|                         | Model  | RD12A-<br>1424-M3SX |
|                         | Year   | 2017                |

| Justification for New Antenna | ALLOW US  |
|-------------------------------|-----------|
|                               | TO        |
|                               | REMAIN    |
|                               | ON THE    |
|                               | AIR WHILE |
|                               | ANTENNA   |
|                               | AND LINE  |
|                               | ATRE      |
|                               | CHANGED.  |
|                               |           |

#### Interim Antenna

#### **Other Antenna Costs**

| Section                  | Question  | Response |
|--------------------------|---|----------|
| Elbow Complex            | Do you require the separate purchase of the Elbow Complex?  | No       |
|                          | Broadband or Single Channel?  | N/A      |
|                          | Feed Line Size  | N/A      |
| Side Mount Brackets      | Do you require the separate purchase of side mount brackets for an antenna?                                 | Yes      |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No       |
| Sweep Test               | Do you require the sweep testing of transmission line and antenna?  | No       |

## Interim Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

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

# Primary Transmission Line

## **Existing Transmission Line**

| n Line<br>Section                      | Question   | Response             |
|--|--|----------------------|
| Existing Transmission Line Description | Type of change   | Purchase<br>New      |
|  | Use  | Primary<br>(Main)    |
|  | Description of Use   | N/A                  |
|  | Ownership  | Owned                |
|  | Owner  | N/A                  |
|  | Site   | N/A                  |
|  | Is the existing transmission line shared with another station or stations? | No                   |
|  | Is Transmission Line in operating condition?                               | Yes                  |
| Existing Transmission                  | Manufacturer   |                      |
| Line Manufacturer and Type             | Туре   | Rigid                |
|  | Diameter   | 7 3/16 inches        |
|  | Other Diameter   | N/A                  |
|  | Segment Length   | Other                |
|  | Other Segment Length   | 19.583 feet          |
|  | Number of parallel runs  | 1                    |
|  | Length   | 1300 feet<br>per run |

## Primary

## **New Transmission Line**

| Transmissio | n Line<br>Section           | Question                                  | Response                            |
|-------------|-----------------------------|---|-------------------------------------|
|             | New Transmission Line Costs | Use                                       | Primary<br>(Main)                   |
|             |                             | Description of Use                        | N/A                                 |
|             |                             | Change Type                               | Purchase<br>New                     |
|             |                             | Is this a request for upgraded equipment? | No                                  |
|             |                             | Туре                                      | Rigid                               |
|             |                             | Diameter                                  | 6 1/8 inches                        |
|             |                             | Other Diameter                            | N/A                                 |
|             |                             | Segment Length                            | 19 3/4 inches                       |
|             |                             | Other Segment Length                      | N/A                                 |
|             |                             | Number of parallel runs                   | 1                                   |
|             |                             | Length                                    | 1300 feet<br>per run                |
|             |                             | Justification for New Transmission Line   | flange<br>reflection<br>on old line |

**Primary** Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

## Interim

## **New Transmission Line**

| Transmissio | n Line<br>Section     | Question                                | Response         |
|-------------|-----------------------|---|------------------|
|             | New Transmission Line | Use                                     | Interim          |
|             | Costs                 | Description of Use                      |                  |
|             |                       | Change Type                             |                  |
|             |                       | Туре                                    | Flexible Air     |
|             |                       | Diameter                                | 3 inches         |
|             |                       | Segment Length                          | N/A              |
|             |                       | Other Segment Length                    |                  |
|             |                       | Number of parallel runs                 | 1                |
|             |                       | Length                                  |                  |
|             |                       | Justification for New Transmission Line | on the air while |

Interim Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

# Tower Equipment And Rigging Costs

| Section                                     | Question  | Response |
|---|---|----------|
| Tower Equipment or<br>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      |
| Description                    | Tower Use   | Primary (Main)       |
|                                | Description of Use                                      | N/A                  |
|                                | Ownership   | Leased               |
|                                | Is this tower consider Complex?                         | Candelabra           |
|                                | 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?            | Unknown              |
|                                | Is tower compliant with Rev G?                          | Unknown              |
| Existing Tower                 | Do you have a tower registration number?                | No                   |
| Structure Registration         | ASR Number  |                      |
| Coordinates (NAD83 (           | Latitude (NAD83)  | 25° 59' 35.3" N-     |
| North American Datum of 1983)) | Longitude (NAD83)                                       | 080° 10' 26.0"<br>W- |
|                                | Overall Structure Height                                | 1041.00 feet         |
|                                | Support Structure Height                                | 995.07 feet          |
|                                | Ground Elevation Above Mean Sea Level (AMSL)            | 7.87 feet            |

| Structure Type   | GTOWER - Guyed Structure Used for Communication Purposes |
|------------------|--|
| Tower Owner      | American<br>Towers, LLC                                  |
| Date Constructed | 01/01/1969   |

## Other Types of Users

| Users |  |
|-------|--|
| w16cc |  |
| wvfw  |  |

## Primary Tower

## **Tower Modification Costs**

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

## Primary Tower

## **Tower Rigging Costs**

| Section                         | Question                          | Response   |
|---------------------------------|-----------------------------------|------------|
| Tower Rigging Costs             | Complex Tower                     | Candelabra |
| Helicopter Services<br>Required | Are helicopter services required? | Yes        |

## Primary Tower

## Other Tower Expenses Not Listed

| Name       | Description             |
|------------|-------------------------|
| Ground     | Ground building package |
| Drwaings   | Tower permit Drawings   |
| Structural | Load Study              |

## Outside Professional

| Section  | Question   | Response          |
|--|--|-------------------|
| Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes               |
|  | Number of Hours  | 95                |
|  | Explanation  | American<br>Tower |
| Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes               |
|  | Prepare engineering section of Form FCC Construction Permit Application      | Yes               |
|  | For Auxiliary Facility   | Yes               |
|  | For Main Facility  | Yes               |
|  | Prepare engineering section of Form FCC License to Cover Application         | Yes               |
|  | For Auxiliary Facility   | Yes               |
|  | For Main Facility  | Yes               |
|  | Prepare request for Special Temporary Authority                              | Yes               |
|  | Quantity   | 2                 |
|  | Do you have Distributed Transmission System engineering services?            | N/A               |
|  | Critical Facility  | N/A               |
|  | Terrain-Shielded Facility  | N/A               |
| Attorney and Other Outside Consulting                    | Prepare and file Form FCC Construction Permit Application                    | Yes               |
| Services   | 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<br>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<br>Shared Locations                              | No  |
|                                  | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|                                  | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering<br>Services | Comprehensive coverage verification via field study  | No  |
|                                  | RF exposure measurements   | No  |
|                                  | Additional Field Engineering Service   | No  |
|                                  | Number of Days   | N/A |
|                                  | Justification  | N/A |

## Outside Professional

## Other Professional Services Expenses Not Listed

| I Services Costs | Description          |
|------------------|----------------------|
| site             | coordination meeting |

# Other Expenses

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

Other Expenses Not Listed

**Expenses** Information not provided.

# **Cost Information**

## **Transmitters**

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost    | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary<br>Transmitter<br>HPTV-<br>PRLX-U18                            | \$1,042,000.00                 | \$950,000.00      |                                    | \$567,171.15   |                              |
| Other Electrical Service: various disconnect, breakers, labor          | \$60,000.00                    | \$60,000.00       | quoted                             | N/A            | N/A                          |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>21 - 31 kW  | \$947,000.00                   | \$855,000.00      | N/A                                | \$567,171.15   | N/A                          |
| installation   | \$35,000.00                    | \$35,000.00       | quoted instalation                 | N/A            | N/A                          |
| Auxiliary<br>Transmitter<br>HPTV<br>PRLX U8                            | \$494,500.00                   | \$470,000.00      |                                    | \$0.00         |                              |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>8.2 - 13 kW | \$494,500.00                   | \$470,000.00      | N/A                                | N/A            | N/A                          |
| Sub-total  | \$1,536,500.00                 | \$1,420,000.00    | N/A                                | \$567,171.15   | N/A                          |
| Total for<br>all<br>systems  | \$3,723,320.00                 | \$2,986,345.00    | N/A                                | \$1,004,021.27 | N/A                          |

## Components

| Actual Information Description                                      | File Name                      |   |
|---|--------------------------------|---|
| Other Electrical Service:<br>various disconnect,<br>breakers, labor | Information not provided.      |   |
| UHF - Liquid Cooled Solid<br>State Transmitter 21 - 31 kW           | Component Description: Amount: | 35% deposit on<br>U18 xmitter<br>\$305,399.85 |
|   | Component Description: Amount: | 30% due after 60<br>days<br>\$261,771.30      |
| installation  | Information not provided.      |   |
| UHF - Liquid Cooled Solid<br>State Transmitter 8.2 - 13 kW          | 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 Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Interim<br>Antenna<br>RD12A-<br>1424-M3SX  | \$212,650.00                   | \$60,000.00       |                                    | \$0.00       |                              |
| Side mount<br>brackets<br>for high<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost) | \$23,150.00                    | \$10,000.00       | N/A                                | N/A          | N/A                          |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized                             | \$189,500.00                   | \$50,000.00       | N/A                                | N/A          | N/A                          |
| Primary<br>Antenna<br>ATW13H3-<br>HTPX-28H   | \$266,030.00                   | \$202,250.00      |                                    | \$177,803.00 |                              |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed)   | \$12,300.00                    | \$8,500.00        | N/A                                | \$8,065.00   | N/A                          |

| Total for<br>all  | \$3,723,320.00 | \$2,986,345.00 | N/A | \$1,004,021.27 | N/A |
|---|----------------|----------------|-----|----------------|-----|
| Sub-total   | \$478,680.00   | \$262,250.00   | N/A | \$177,803.00   | N/A |
| UHF - High<br>Power Top<br>Mount<br>(200-1000<br>kW), One<br>station<br>antenna,<br>horizontally<br>polarized | \$247,000.00   | \$187,500.00   | N/A | \$163,488.00   | N/A |
| Sweep test of existing antenna  | \$6,730.00     | \$6,250.00     | N/A | \$6,250.00     | N/A |

## Components

| Actual Information Description  | File Name                      |   |
|---|--------------------------------|---|
| Side mount brackets for high<br>power antennas (if not<br>included in antenna base<br>cost) | Information not provided.      |   |
| UHF - Lower Power Side<br>Mount, One station - 200-500<br>kW, horizontally polarized        | Information not provided.      |   |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)            | Component Description: Amount: | Balance due,<br>elbow complex<br>\$4,032.50 |
|   | Component Description: Amount: | 50% deposit,<br>elbow complex<br>\$4,032.50 |

| Sweep test of existing                                |                        |                             |
|---|------------------------|-----------------------------|
| intenna   | Component Description: | Balance due on system sweep |
|   | Amount:                | \$3,125.00                  |
|   | Component Description: | 50% deposit,                |
|   | Amount:                | system sweep<br>\$3,125.00  |
| JHF - High Power Top                                  |                        |                             |
| Mount (200-1000 kW), One tation antenna, horizontally | Component Description: | Balance on main antenna     |
| olarized  | Amount:                | \$81,744.00                 |
|   | Component Description: | 50% deposit on              |
|   |                        | main antenna                |
|   | Amount:                | \$81,744.00                 |

# **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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost    | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Interim<br>Transmission<br>Line                          | \$29,500.00                    | \$20,000.00       |                                    | \$0.00         |                              |
| Flexible Air<br>Transmission<br>Line -<br>dielectric, 3" | \$29,500.00                    | \$20,000.00       | N/A                                | N/A            | N/A                          |
| Primary<br>Transmission<br>Line                          | \$262,600.00                   | \$170,000.00      |                                    | \$165,879.12   |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8"        | \$262,600.00                   | \$170,000.00      | N/A                                | \$165,879.12   | N/A                          |
| Sub-total  | \$292,100.00                   | \$190,000.00      | N/A                                | \$165,879.12   | N/A                          |
| Total for all systems                                    | \$3,723,320.00                 | \$2,986,345.00    | N/A                                | \$1,004,021.27 | N/A                          |

## Components

| Actual Information Description                     | File Name                 |
|--|---------------------------|
| Flexible Air Transmission<br>Line - dielectric, 3" | Information not provided. |

Rigid Transmission Line - copper, 6 1/8"

Component Description: 50% deposit,

main coax assy

**Amount:** \$78,632.50

Component Description: Balance due,

main coax

**Amount:** \$87,246.62

# **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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification        | Actual Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|---|-------------|------------------------------|
| Primary Tower GTOWER  | \$1,336,700.00                 | \$1,043,200.00    |   | \$90,118.00 |                              |
| Tower<br>Helicopter Lift  | \$440,000.00                   | \$440,000.00      | Quote from<br>Coast to<br>Coast<br>Tower. | N/A         | N/A                          |
| Structural  | \$19,000.00                    | \$19,000.00       | American<br>Tower                         | N/A         | N/A                          |
| Ground  | \$4,700.00                     | \$4,700.00        | American<br>Tower                         | N/A         | N/A                          |
| Drwaings  | \$4,700.00                     | \$4,700.00        | American<br>Tower                         | N/A         | N/A                          |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00                   | \$350,000.00      | N/A                                       | \$90,118.00 | N/A                          |
| Major tower reinforcement /modifications  | \$421,000.00                   | \$200,000.00      | N/A                                       | N/A         | N/A                          |

| T              | <b>#00.000.00</b> | <b>CO 4 000 00</b> | NI/A | N1/A           | N1/A |
|----------------|-------------------|--------------------|------|----------------|------|
| Tower          | \$26,300.00       | \$24,800.00        | N/A  | N/A            | N/A  |
| mapping for    |                   |                    |      |                |      |
| an             |                   |                    |      |                |      |
| undocumented   |                   |                    |      |                |      |
| /poorly        |                   |                    |      |                |      |
| documented     |                   |                    |      |                |      |
| tower and      |                   |                    |      |                |      |
| preparation of |                   |                    |      |                |      |
| documentation  |                   |                    |      |                |      |
| necessary for  |                   |                    |      |                |      |
| tower load     |                   |                    |      |                |      |
| study          |                   |                    |      |                |      |
| Sub-total      | \$1,336,700.00    | \$1,043,200.00     | N/A  | \$90,118.00    | N/A  |
| Total for all  | \$3,723,320.00    | \$2,986,345.00     | N/A  | \$1,004,021.27 | N/A  |
| systems        |                   |                    |      |                |      |

## Components

| Actual Information Description  | File Name                      |                        |
|---|--------------------------------|------------------------|
| Tower Helicopter Lift   | Information not provided.      |                        |
| Structural  | Information not provided.      |                        |
| Ground  | Information not provided.      |                        |
| Drwaings  | Information not provided.      |                        |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                     | Component Description: Amount: | deposit<br>\$90,118.00 |
| Major tower reinforcement /modifications  | Information not provided.      |                        |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | 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).

|  |                             |                   | Estimated             |             |                              |
|--|-----------------------------|-------------------|-----------------------|-------------|------------------------------|
| Description  | Predetermined Cost Estimate | Estimated<br>Cost | Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
| Outside<br>Professional<br>Services  | \$61,845.00                 | \$57,750.00       |                       | \$3,050.00  |                              |
| site   | \$2,500.00                  | \$2,500.00        | American<br>Tower     | N/A         | N/A                          |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | \$7,360.00                  | \$7,000.00        | N/A                   | N/A         | N/A                          |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application                | \$2,365.00                  | \$2,250.00        | N/A                   | N/A         | N/A                          |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00                  | \$4,000.00        | N/A                   | N/A         | N/A                          |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application             | \$5,260.00                  | \$5,000.00        | N/A                   | 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- 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- 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 | \$1,750.00 | N/A |

| Perform engineering study for new channel assignment and antenna development         \$7,360.00         \$7,000.00         N/A         \$1,300.00         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         N/A           Prepare and or review reimbursement form         \$2,630.00         \$2,000.00         N/A         N/A         N/A         N/A           Project management of the transition         \$15,010.00         \$14,500.00         N/A         N/A         N/A         N/A           Sub-total         \$61,845.00         \$57,750.00         N/A         \$1,004,021.27         N/A           systems         \$3,723,320.00         \$2,986,345.00         N/A         \$1,004,021.27         N/A |  |                |                |     |                |     |
|--|--|----------------|----------------|-----|----------------|-----|
| transition timing and coordination issues w/ other stations and wireless  Prepare and or review reimbursement form  Project \$15,010.00 \$14,500.00 N/A N/A N/A N/A N/A management of the transition  Sub-total \$61,845.00 \$57,750.00 N/A \$3,050.00 N/A Total for all \$3,723,320.00 \$2,986,345.00 N/A \$1,004,021.27 N/A  | engineering<br>study for new<br>channel<br>assignment<br>and antenna | \$7,360.00     | \$7,000.00     | N/A | \$1,300.00     | N/A |
| or review reimbursement form  Project \$15,010.00 \$14,500.00 N/A N/A N/A N/A management of the transition  Sub-total \$61,845.00 \$57,750.00 N/A \$3,050.00 N/A  Total for all \$3,723,320.00 \$2,986,345.00 N/A \$1,004,021.27 N/A   | transition timing and coordination issues w/ other stations          | \$2,630.00     | \$2,500.00     | N/A | N/A            | N/A |
| management of the transition         Sub-total       \$61,845.00       \$57,750.00       N/A       \$3,050.00       N/A         Total for all       \$3,723,320.00       \$2,986,345.00       N/A       \$1,004,021.27       N/A   | or review<br>reimbursement   | \$2,630.00     | \$2,000.00     | N/A | N/A            | N/A |
| <b>Total for all</b> \$3,723,320.00 \$2,986,345.00 N/A \$1,004,021.27 N/A  | management   | \$15,010.00    | \$14,500.00    | N/A | N/A            | N/A |
| ¥ , = , = , = , = , = , = , = , = , = ,  | Sub-total  | \$61,845.00    | \$57,750.00    | N/A | \$3,050.00     | N/A |
|  |  | \$3,723,320.00 | \$2,986,345.00 | N/A | \$1,004,021.27 | N/A |

## Components

| Actual Information Description   | File Name                 |
|--|---------------------------|
| site   | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application                 | Information not provided. |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |

| Attorney Fees - Prepare and<br>File FCC Form 2100 (main),<br>Construction Permit<br>Application                         | Information not provided.      |   |
|---|--------------------------------|---|
| Prepare request for Special<br>Temporary Authorization  | Information not provided.      |   |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application    | Information not provided.      |   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>License to Cover Application                                 | Information not provided.      |   |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided.      |   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>Construction Permit<br>Application                           | Component Description: Amount: | engineering for CP<br>\$1,750.00                    |
| Perform engineering study<br>for new channel assignment<br>and antenna development                                      | Component Description: Amount: | further<br>interference study<br>for CP<br>\$650.00 |
|   | Component Description: Amount: | duplicate chanrge<br>N/A                            |
|   | Component Description: Amount: | interference study<br>for CP<br>\$650.00            |
| 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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost    | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Other<br>Expenses   | \$17,495.00                    | \$13,145.00       |                                    | \$0.00         |                              |
| Non-zoning permits  | \$5,000.00                     | \$5,000.00        | city permits                       | N/A            | N/A                          |
| Local Zoning  | \$750.00                       | \$750.00          | permit                             | N/A            | N/A                          |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00                       | \$190.00          | N/A                                | N/A            | N/A                          |
| DTV Medical<br>Facility<br>Notification                   | \$11,550.00                    | \$7,205.00        | N/A                                | N/A            | N/A                          |
| Sub-total   | \$17,495.00                    | \$13,145.00       | N/A                                | \$0.00         | N/A                          |
| Total for all systems                                     | \$3,723,320.00                 | \$2,986,345.00    | N/A                                | \$1,004,021.27 | N/A                          |

## Components

Information not provided.

# Cost Information

## **Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost    |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$3,723,320.00                 | \$2,986,345.00 | \$1,004,021.27 |

| Reimbursem | envestiatus  | Response |
|------------|--|----------|
| -          | The facility has ceased operating on its pre-<br>auction channel.  | No       |
|            | Construction of final facilities or all necessary modifications are complete.  | No       |
|            | All receipts for reimbursement have been 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       |

Section Question Response

# Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Steven
Hastings
Network RF
Manager

10/24/2018

#### **Attachments**