



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **10267** | Service: **DTV** | Call **WXYZ-TV** | Channel: **25 (UHF)**  
ID: | Sign:  
File **0000027247**  
Number:  
FRN: **0002710192** | Date **06/01**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant   | Address   | Phone             | Email                  | Applicant Type |
|---|---|-------------------|------------------------|----------------|
| <b>SCRIPPS BROADCASTING HOLDINGS LLC</b><br>Doing Business As:<br>SCRIPPS MEDIA, INC. | Dave Giles<br>312 WALNUT STREET<br>28TH FLOOR<br>CINCINNATI,<br>OH 45202<br>United States | +1 (513) 977-3000 | DAVE.GILES@SCRIPPS.COM | Corporation    |

## 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>Ray Thurber</b><br><i>Vice President Engineering</i><br><i>SCRIPPS BROADCASTING HOLDINGS LLC</i> | Ray Thurber<br>312 Walnut St.<br>Cincinnati, OH<br>45202<br>United States | +1 (248) 827-9202 | ray.thurber@scripps.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   | WXYZ must replace its main and auxiliary antenna and main and auxiliary transmitter in order to move it its new channel. See attached narrative for a more detailed explanation. |

**Transmitters**

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

**Auxiliary  
Transmitter****Existing Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New          |
|   | Use  | Auxiliary<br>(Backup)    |
|   | Description of Use   | Auxiliary                |
|   | Ownership  | Owned                    |
|   | Owner  | N/A                      |
|   | Site   | N/A                      |
|   | Is this transmitter currently shared with another station? | No                       |
|   | Is this transmitter currently in operating condition?      | Yes                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | Sigma CD                 |
|   | Year   | 1998                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 40.5 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                                     | ULXTE-50  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 31.7 kW   |
|                 | Justification for New Transmitter         | Current transmitter is no longer supported by the manufacturer except for maintenance. Available parts are in very limited supply and in some cases are no longer available. Manufacturer says it cannot be re-tuned. |

**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  | Yes   |
|  | Description   | Necessary switchgear, transformer, conduit, wiring and fuse disconnects as quoted by electrical contractor. |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No  |
|  | Type  | N/A   |
|  | Size  | N/A   |
|  | Other Size  | N/A   |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No  |
|  | Size  | N/A   |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A   |
|  | Is a channel 14 Mask Filer needed?  | N/A   |
|  | Is additional field engineering time needed?  | N/A   |
|  | Number of Days  | N/A   |

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

**Primary  
Transmitter****Existing Transmitter Information**

| <b>Section</b>  | <b>Question</b>  | <b>Response</b>          |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New          |
|   | Use  | Primary<br>(Main)        |
|   | Description of Use   | N/A                      |
|   | Ownership  | Owned                    |
|   | Owner  | N/A                      |
|   | Site   | N/A                      |
|   | Is this transmitter currently shared with another station? | No                       |
|   | Is this transmitter currently in operating condition?      | Yes                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | Visionary<br>DT          |
|   | Year   | 2007                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 40.5 kW                  |

**Primary Transmitter**

**New Transmitter Costs**

| Section                | Question                                  | Response   |
|------------------------|---|--|
| <b>New Transmitter</b> | Use                                       | Primary (Main)   |
|                        | Change Type                               | Purchase New   |
|                        | Is this a request for upgraded equipment? | Yes  |
|                        | Manufacturer                              |  |
|                        | Model                                     | ULXTE-100  |
|                        | Transmitter Type                          | Solid State  |
|                        | Solid State Cooling                       | Liquid Cooled  |
|                        | Solid State Power capacity                | 62.9 kW  |
|                        | Justification for New Transmitter         | Current Axcera transmitter is orphaned and no longer supported by the manufacturer. Available parts are in very limited supply and in some cases are no longer available. It cannot be re-tuned. |

**Primary Transmitter**

**Other Transmitter Costs**

| Section                   | Question                              | Response |
|---------------------------|---------------------------------------|----------|
| <b>Electrical Service</b> | 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   |
|  | Description   | Necessary switchgear, transformer, conduit, wiring and fuse disconnects as quoted by electrical contractor. |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | Yes   |
|  | Type  | Cooling Only  |
|  | Size  | 30 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? | Yes   |
|  | Size  | 1188.0 square feet  |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A   |
|  | Is a channel 14 Mask Filer needed?  | N/A   |
|  | Is additional field engineering time needed?  | N/A   |
|  | Number of Days  | N/A   |

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

| Name                            | Description                     |
|---------------------------------|---------------------------------|
| Primary Transmitter Mask Filter | Primary Transmitter Mask Filter |





**Antennas**

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

**Auxiliary  
Antenna**

**Existing Antenna Information**

| <b>Section</b>                                    | <b>Question</b>  | <b>Response</b>       |
|---|--|-----------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change   | Purchase<br>New       |
|   | Antenna Use  | Auxiliary<br>(Backup) |
|   | Description of Use   | Auxiliary             |
|   | Ownership  | Owned                 |
|   | Owner  | N/A                   |
|   | Site   | N/A                   |
|   | Is the existing antenna shared with another station or stations? | No                    |
|   | Is the existing antenna directional?                             | No                    |
|   | Is antenna in operating condition?                               | Yes                   |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                    |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class  | Full Power            |
|   | Mounting   | Side Mount            |
|   | Antenna position in stack  | Not in Stack          |
|   | Polarization   | Horizontal            |
|   | Type   | Slotted<br>Coaxial    |
|   | Number of Stations Supported                                     | N/A                   |
|   | Number of Panels   | N/A                   |
|   | Design power capacity in use                                     | N/A                   |
|   | Lower Limit  | N/A                   |
|   | Upper Limit  | N/A                   |
|   | Other Antenna Type   | N/A                   |
|   | ERP: (Effective Radiated Power)<br>.....                         | 670.0 kW              |

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|              |              |
|--------------|--------------|
| Manufacturer |              |
| Model        | TFU-30DSC-RC |
| Year         | 1998         |

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**Auxiliary  
Antenna**

**New Antenna Costs**

| Section                                   | Question   | Response           |
|---|--|--------------------|
| <b>New Antenna Description</b>            | Use  | Auxiliary (Backup) |
|   | Description of Use   | Auxiliary          |
|   | Change Type  | Purchase New       |
|   | Is this a request for upgraded equipment?                            | No                 |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Is antenna shared?   | No                 |
|   | Is antenna directional?  | No                 |
|   | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| <b>New Antenna Manufacturer and Types</b> | Class  | Full Power         |
|   | Mounting   | Side Mount         |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Horizontal         |
|   | Type   | Broadband Slot     |
|   | Number of Stations Supported   | 1                  |
|   | Number of Panels/Bays  | 24                 |
|   | Lower Limit  | 470.00 MHz         |
|   | Upper Limit  | 698.00 MHz         |
|   | Design power capacity in use   | 52.0 %             |
|   | Other Antenna Type   | N/A                |
|   | ERP: (Effective Radiated Power)<br>.....                             | 540.0 kW           |
| Manufacturer                              |  |                    |

|                               |   |
|-------------------------------|---|
| Model                         | TFU-24WB<br>C160  |
| Year                          | 2019  |
| Justification for New Antenna | Existing main antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new channel. |

**Auxiliary Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response |
|------------------------------------|---|----------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  |          |
|                                    | Type  |          |
|                                    | Number of channels supported  | N/A      |
|                                    | Frequencies of channels supported   | N/A      |
|                                    | Frequency   | N/A      |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                 | N/A      |
| <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 a high power antenna? | No       |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes |

**Auxiliary  
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   | 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                 |
| <b>Existing 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   | 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>.....                         | 1000.0 kW          |



|              |                         |
|--------------|-------------------------|
| Manufacturer |                         |
| Model        | TFU-<br>26GTH-R<br>6C40 |
| Year         | 2008                    |

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**Primary  
Antenna**

**New Antenna Costs**

| Section                                       | Question   | Response           |
|---|--|--------------------|
| <b>New Antenna Description</b>                | Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Change Type  | Purchase<br>New    |
|   | Is this a request for upgraded equipment?                            | Yes                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Is antenna shared?   | No                 |
|   | Is antenna directional?  | Yes                |
|   | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| <b>New Antenna<br/>Manufacturer and Types</b> | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Elliptical         |
|   | 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>.....                             | 765.0 kW           |
| Manufacturer                                  |  |                    |

|                               |   |
|-------------------------------|---|
| Model                         | TFU-22GTH<br>/VP-R<br>6C140SP   |
| Year                          | 2019  |
| Justification for New Antenna | Existing main antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new channel. |

**Primary Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response               |
|------------------------------------|---|------------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?                          |                        |
|                                    | Type  |                        |
|                                    | Number of channels supported  | N/A                    |
|                                    | Frequencies of channels supported                                     | N/A                    |
|                                    | Frequency   | N/A                    |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines? | N/A                    |
| <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<br>inches |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for a high power antenna?                       |     |
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| <b>Name</b>               | <b>Description</b>                      |
|---------------------------|---|
| <b>Michigan Sales Tax</b> | Michigan Sales Tax for Antenna Expenses |

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

**Primary Transmission Line**  
**Existing Transmission Line**

| Section  | Question   | Response          |
|--|--|-------------------|
| Existing Transmission Line Description           | Type of change   | Utilize Existing  |
|  | Use  | Primary (Main)    |
|  | Description of Use   | N/A               |
|  | Ownership  | Owned             |
|  | Owner  | N/A               |
|  | Site   | N/A               |
|  | Is the existing transmission line shared with another station or stations? | No                |
|  | Is Transmission Line in operating condition?                               | Yes               |
| Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric        |
|  | 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   | 1078 feet per run |

## Other Transmission Line Expenses Not Listed

**Primary  
Transmission  
Line**

| Name   | Description   |
|--|---|
| <b>Additional Transmission Line</b>  | New transmitter must be located in another building due to lack of space in current transmitter building. 610 ft of additional transmission line is needed. Scripps plans to upgrade from 6-1/8" to 7-3/16" for this additional line. |
| <b>Extension of Ice Bridge</b>   | Need to add extension to existing ice bridge to cover new transmission line.  |
| <b>Michigan Sales Tax</b>  | Michigan Sales Tax on Transmission Line Expenses  |
| <b>Primary Transmission Line - Additional Transmission Line - Additional Parts</b> | Primary Transmission Line - Additional Transmission Line - Additional Parts   |

**Auxiliary  
Transmission  
Line**

### Existing Transmission Line

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Utilize Existing   |
|   | Use  | Auxiliary (Backup) |
|   | Description of Use   | Auxiliary          |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing transmission line shared with another station or stations? | No                 |
|   | Is Transmission Line in operating condition?                               | Yes                |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   | Dielectric         |
|   | 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                  | 1022 feet per run |

**Auxiliary Transmission Line**      **Other Transmission Line Expenses Not Listed**

| Name                       | Description                               |
|----------------------------|---|
| Required Category - Ignore | Category required due to LMS restrictions |

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

| Section  | Question  | Response          |
|--|---|-------------------|
| Existing Tower Description                         | Type of change  | Modify Existing   |
|  | Tower Use   | Primary (Main)    |
|  | Description of Use                                      | N/A               |
|  | Ownership   | Owned             |
|  | Is this tower consider Complex?                         | No                |
|  | Is this tower currently shared with any other stations? | Yes               |
|  | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|  | Others Types of Users                                   | No                |
|  | Is tower documented for structural analysis?            | No                |
|  | Is tower compliant with Rev G?                          | Yes               |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1002464           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 42° 28' 14.0" N-  |
|  | Longitude (NAD83)                                       | 083° 15' 01.0" W- |
|  | Overall Structure Height                                | 1055.11 feet      |
|  | Support Structure Height                                | 989.16 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 664.36 feet       |



|                  |  |
|------------------|--|
| Structure Type   | TOWER - Free Standing or Guyed Structure |
| Tower Owner      | SCRIPPS MEDIA, INC.                      |
| Date Constructed | 12/22/2008                               |

**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 |
|-------------|-----------|---------|
| 11278       | WRIF      | FM      |

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary  
Tower**

**Tower Rigging Costs**

| Section                             | Question                          | Response |
|-------------------------------------|-----------------------------------|----------|
| <b>Tower Rigging Costs</b>          | Complex Tower                     | N/A      |
| <b>Helicopter Services Required</b> | Are helicopter services required? | Yes      |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| <b>Name</b>                      | <b>Description</b>  |
|----------------------------------|---|
| <b>PE Review of Rigging Plan</b> | Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards. |
| <b>Tower Structural Analysis</b> | Tower Structural Analysis   |
| <b>Michigan Sales Tax</b>        | Michigan Sales Tax on Tower Expenses  |

**Outside Professional Services Costs**

| Section  | Question  | Response  |
|--|---|---|
| <p><b>Outside Project Management Services</b></p>        | <p>Do you require outside project management services?</p>                          | <p>Yes</p>  |
|  | <p>Number of Hours</p>  | <p>595</p>  |
|  | <p>Explanation</p>  | <p>Project manager needed to manage all work at transmitter site required to transition to new channel (both the main and interim facilities). With the size of the current engineering staff, WXYZ cannot spare personnel to ensure these tasks are completed.</p> |
| <p><b>Outside RF consulting Engineering Services</b></p> | <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Yes</p>  |
|  | <p>Prepare engineering section of Form FCC Construction Permit Application</p>      | <p>Yes</p>  |
|  | <p>For Auxiliary Facility</p>   | <p>Yes</p>  |
|  | <p>For Main Facility</p>  | <p>Yes</p>  |
|  | <p>Prepare engineering section of Form FCC License to Cover Application</p>         | <p>Yes</p>  |
|  | <p>For Auxiliary Facility</p>   | <p>Yes</p>  |

|  |   |     |
|--|---|-----|
|  | For Main Facility   | Yes |
|  | Prepare request for Special Temporary Authority                   | Yes |
|  | Quantity  | 1   |
|  | Do you have Distributed Transmission System engineering services? | N/A |
|  | Critical Facility   | N/A |
|  | Terrain-Shielded Facility   | N/A |
| <b>Attorney and Other Outside Consulting 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                   | No  |
|  | Quantity  | N/A |
|  | NEPA Section 106 environmental review                             | No  |
|  | Environmental Assessment  | No  |
|  | ASR Modification  | No  |
|  | FAA Consultation (including preparation of FAA Form 7460)         | No  |
|  | Negotiation of Lease and other Matter for Shared Locations        | No  |
|  | Prepare or Review FCC Form 399 for Reimbursement                  | Yes |
| Address transition timing and coordination issues w/ other stations and wireless providers | No  |     |

|                                      |   |     |
|--------------------------------------|---|-----|
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study | No  |
|                                      | RF exposure measurements                            | Yes |
|                                      | Additional Field Engineering Service                | No  |
|                                      | Number of Days                                      | N/A |
|                                      | Justification                                       | N/A |

**Other Professional Services Expenses Not Listed**

**Outside Professional Services Costs**

| <b>Name</b>               | <b>Description</b>  |
|---------------------------|---|
| <b>Site Survey</b>        | GatesAir performed a site survey to access changes to facility as necessary to transition to new channel including, power and HVAC requirements, available transmitter room space and existing antenna and transmission line RF characteristics at new channel. |
| <b>Michigan Sales Tax</b> | Michigan Sales Tax on Professional Services 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  | N/A      |
|                                     | Name   | N/A      |
|                                     | Is Notification of a Medical Facility required as a result of DTV broadcasting?                                      | Yes      |
| <b>Permit and Filing Costs</b>      | Local Zoning   | Yes      |
|                                     | Non-zoning permits   | Yes      |
|                                     | BLM or NFS Coordination  | No       |
|                                     | FCC Construction Permit Minor Change   | Yes      |
|                                     | FCC License to Cover Application   | Yes      |
|                                     | FCC Special Temporary Authority Application  | No       |
| <b>Other Miscellaneous Expenses</b> | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?        | Yes      |
|                                     | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes      |
|                                     | Does this relocation require Equipment Storage?  | Yes      |
|                                     | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?     | Yes      |
|                                     | Does this relocation require MVPD Notification of a Channel Change?  | Yes      |

**Other  
Expenses**

**Other Expenses Not Listed**

| Name                      | Description   |
|---------------------------|---|
| <b>Employee Time</b>      | Time needed by Scripps corporate and WXYZ employees to work on the transition to a new channel. |
| <b>Michigan Sales Tax</b> | Michigan Sales Tax on Other Expenses  |

**Cost Information**

**Transmitters**

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

| Description   | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification   | Actual Cost           | Actual Cost Justification |
|---|-----------------------------|-----------------------|--|-----------------------|---------------------------|
| <b>Primary Transmitter ULXTE-100</b>  | <b>\$3,017,212.00</b>       | <b>\$1,544,751.00</b> |  | <b>\$1,359,658.26</b> |                           |
| Primary Transmitter Mask Filter   | <i>\$0.00</i>               | \$0.00                | mask filter reimbursed as part of TX   | \$0.00                | N/A                       |
| Other Electrical Service: Necessary switchgear, transformer, conduit, wiring and fuse disconnects as quoted by electrical contractor. | <i>\$182,548.00</i>         | \$182,548.00          | see Estimated Cost Justification WXYZ-TV-110-1st Primary Transmitter - Other Electrical Service v0             | \$182,548.00          | N/A                       |
| Other -- Building Addition Size: 1188.0   | <i>\$10,177.00</i>          | \$10,177.00           | Please see MasterCraft Floors Proposal dated 2/1/18 and MasterCraft Floors Proposal dated 2/1/18 Related Email | \$10,177.00           | N/A                       |
| Other -- HVAC Service Type: C Size:30 (Other)   | <i>\$148,000.00</i>         | \$148,000.00          | Please see attached Kropf Estimate dated 8-24-20   | \$5,349.00            | N/A                       |



|   |                              |                     |   |                     |  |
|---|------------------------------|---------------------|---|---------------------|--|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>62.9 kW  | <b><i>\$1,203,487.00</i></b> | \$1,203,487.00      | Please see<br>attached<br>GatesAir<br>Quotes Q-<br>73319 (like-<br>for-like) and<br>Q-77838<br>(upgraded<br>transmitter)<br>less \$539.00<br>forwarded<br>for payment<br>under<br>invoice<br>GO10004837<br>/8-1 | \$1,161,045.26      | N/A  |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>35 - 50 kW   | \$1,473,000.00               | \$539.00            | ***System<br>Notice:<br>Estimate<br>adjusted and<br>locked<br>because line<br>has been<br>superseded.<br>***Please<br>see WXYZ<br>Primary<br>Transmitter<br>Revision<br>Justification<br>Cover Letter           | \$539.00            | Adding a<br>note here for<br>the invoice<br>the invoice<br>number is<br>GO10004837<br>/8-1 |
| <b>Auxiliary<br/>Transmitter<br/>ULXTE-50</b>   | <b>\$922,753.20</b>          | <b>\$922,753.20</b> |   | <b>\$915,322.71</b> |  |
| Other<br>Electrical<br>Service:<br>Necessary<br>switchgear,<br>transformer,<br>conduit,<br>wiring and<br>fuse<br>disconnects<br>as quoted<br>by electrical<br>contractor. | <b><i>\$65,930.00</i></b>    | \$65,930.00         | N/A   | \$62,631.00         | N/A  |

|  |                     |                |   |                |     |
|--|---------------------|----------------|---|----------------|-----|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>31.7 kW | <b>\$856,823.20</b> | \$856,823.20   | Please see<br>Estimated<br>Cost<br>Justification<br>WXYZ-TV-<br>150-1st<br>Auxiliary<br>Transmitter -<br>UHF Liquid<br>Cooled Solid<br>State, 31.7<br>kW v0 | \$852,691.71   | N/A |
| <b>Sub-total</b>   | \$3,939,965.20      | \$2,467,504.20 | N/A   | \$2,274,980.97 | N/A |
| <b>Total for<br/>all systems</b>                                   | \$5,704,472.53      | \$4,239,012.23 | N/A   | \$3,322,985.38 | N/A |

### Components

| Actual Information                 |                           |
|------------------------------------|---------------------------|
| Description                        | File Name                 |
| Primary Transmitter Mask<br>Filter | Information not provided. |

|  |   |
|--|---|
| <p>Other Electrical Service:<br/>Necessary switchgear,<br/>transformer, conduit, wiring<br/>and fuse disconnects as<br/>quoted by electrical<br/>contractor.</p> | <p><b>Component Description:</b> Engineering<br/><b>Amount:</b> \$13,450.00</p>   |
|  | <p><b>Component Description:</b> Electrical work<br/><b>Amount:</b> \$48,471.50</p>   |
|  | <p><b>Component Description:</b> Electrical work<br/>rendered as<br/>described on the<br/>attached Purchase<br/>Order.<br/><b>Amount:</b> \$47,638.50</p> |
|  | <p><b>Component Description:</b> Electrical Work as<br/>directed by<br/>Purchase Order<br/><b>Amount:</b> \$2,988.00</p>                                  |
|  | <p><b>Component Description:</b> ENGINEERING<br/><b>Amount:</b> \$17,700.00</p>   |
|  | <p><b>Component Description:</b> Upgrade and<br/>Replacement<br/><b>Amount:</b> \$12,300.00</p>   |
|  | <p><b>Component Description:</b> Electrical work<br/>rendered as<br/>described on the<br/>attached Purchase<br/>Order.<br/><b>Amount:</b> \$40,000.00</p> |
| <p>Other -- Building Addition<br/>Size: 1188.0</p>   | <p><b>Component Description:</b> Supply and Install<br/><b>Amount:</b> \$10,177.00</p>  |

|  |  |
|--|--|
| Other -- HVAC Service<br>Type: C Size:30 (Other)             | <b>Component Description:</b> HVAC Unit<br>Relocation<br><b>Amount:</b> \$5,349.00                       |
| UHF - Liquid Cooled Solid<br>State Transmitter 62.9 kW       | <b>Component Description:</b> Transmitter<br><b>Amount:</b> \$108,179.94                                 |
|  | <b>Component Description:</b> Transmitter<br><b>Amount:</b> \$267,442.95                                 |
|  | <b>Component Description:</b> Transmitter<br><b>Amount:</b> \$364,770.12                                 |
|  | <b>Component Description:</b> Transmitter<br><b>Amount:</b> \$397,267.00                                 |
|  | <b>Component Description:</b> ULXTE-72<br>Transmitter<br><b>Amount:</b> \$23,385.25                      |
| UHF - Liquid Cooled Solid<br>State Transmitter 35 - 50<br>kW | <b>Component Description:</b> SNMP Manager for<br>V5 ARC Plus<br>Touch<br><b>Amount:</b> \$539.00        |
|  | <b>Component Description:</b> Gates Air 1st<br>installment<br>Transmitter<br><b>Amount:</b> \$682,250.42 |

|  |   |
|--|---|
| <p>Other Electrical Service:<br/>Necessary switchgear,<br/>transformer, conduit, wiring<br/>and fuse disconnects as<br/>quoted by electrical<br/>contractor.</p> | <p><b>Component Description:</b> Electrical Work<br/><b>Amount:</b> \$31,315.50</p>           |
|  | <p><b>Component Description:</b> Electrical Work<br/><b>Amount:</b> \$15,657.75</p>           |
|  | <p><b>Component Description:</b> Electrical Work<br/><b>Amount:</b> \$15,657.75</p>           |
| <p>UHF - Liquid Cooled Solid<br/>State Transmitter 31.7 kW</p>   | <p><b>Component Description:</b> ULXTE-50<br/>Transmitter<br/><b>Amount:</b> \$207,304.05</p> |
|  | <p><b>Component Description:</b> ULXTE-50<br/>Transmitter<br/><b>Amount:</b> \$94,386.82</p>  |
|  | <p><b>Component Description:</b> Transmitter<br/><b>Amount:</b> \$266,017.45</p>              |
|  | <p><b>Component Description:</b> ULXTE-50<br/>Transmitter<br/><b>Amount:</b> \$284,983.39</p> |

**Cost Information**

**Antennas**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost         | Actual Cost Justification |
|--|-----------------------------|---------------------|---|---------------------|---------------------------|
| <b>Primary Antenna TFU-22GTH /VP-R 6C140SP</b>   | <b>\$309,147.88</b>         | <b>\$263,231.88</b> |   | <b>\$221,956.88</b> |                           |
| Michigan Sales Tax   | <i>\$617.88</i>             | \$617.88            | N/A   | \$617.88            | N/A                       |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                     | \$12,300.00                 | \$10,298.00         | please see attached Dielectric Quote 700054CMZ-1  | \$10,298.00         | N/A                       |
| Sweep test of existing antenna   | \$6,730.00                  | \$6,400.00          | please see attached Dielectric Quote 700054CMZ-1  | \$6,400.00          | N/A                       |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00                | \$245,916.00        | Please see attached Dielectric Quote 700054CMZ-1, less the amount of the elbow complex. | \$204,641.00        | N/A                       |
| <b>Auxiliary Antenna TFU-24WB C160</b>   | <b>\$182,356.00</b>         | <b>\$182,026.00</b> |   | <b>\$158,703.40</b> |                           |

|   |                     |                |   |                |     |
|---|---------------------|----------------|---|----------------|-----|
| Sweep test of existing antenna  | \$6,730.00          | \$6,400.00     | N/A                                     | \$6,400.00     | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 540 kW input, horizontally polarized | <b>\$175,626.00</b> | \$175,626.00   | Please see Dielectric Quote 700346CMZ-1 | \$152,303.40   | N/A |
| <b>Sub-total</b>  | \$491,503.88        | \$445,257.88   | N/A                                     | \$380,660.28   | N/A |
| <b>Total for all systems</b>  | \$5,704,472.53      | \$4,239,012.23 | N/A                                     | \$3,322,985.38 | N/A |

### Components

| Actual Information |  |
|--------------------|--|
| Description        | File Name  |
| Michigan Sales Tax | <p><b>Component Description:</b> WXYZ-TV-210-Primary Antenna - Michigan Sales Tax</p> <p><b>Amount:</b> \$617.88</p> |

|   |  |
|---|--|
| <p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p> | <p><b>Component Description:</b> WXYZ-TV-290-Primary Antenna - Elbow Complex<br/> <b>Amount:</b> \$9,268.20</p>  |
|   | <p><b>Component Description:</b> Elbow Complex<br/> <b>Amount:</b> \$1,029.80</p>                                |
|   | <p><b>Component Description:</b> WXYZ-TV-290-Primary Antenna - Elbow Complex<br/> <b>Amount:</b> \$10,298.00</p> |
| <p>Sweep test of existing antenna</p>   | <p><b>Component Description:</b> WXYZ-TV-210-Primary Antenna - Sweep Test<br/> <b>Amount:</b> \$2,880.00</p>     |
|   | <p><b>Component Description:</b> Sweep Test<br/> <b>Amount:</b> \$640.00</p>                                     |
|   | <p><b>Component Description:</b> WXYZ-TV-210-Primary Antenna - Sweep Test<br/> <b>Amount:</b> \$2,880.00</p>     |



|   |  |
|---|--|
| <p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p> | <p><b>Component Description:</b> ANTENNA - UHF HIGH POWER TOP MOUNT</p> <p><b>Amount:</b> \$5,359.00</p>   |
|   | <p><b>Component Description:</b> ANTENNA - UHF HIGH</p> <p><b>Amount:</b> \$96,722.55</p>  |
|   | <p><b>Component Description:</b> ANTENNA - UHF HIGH POWER TOP MOUNT</p> <p><b>Amount:</b> \$87,454.35</p>  |
|   | <p><b>Component Description:</b> Antenna</p> <p><b>Amount:</b> \$11,667.10</p>   |
|   | <p><b>Component Description:</b> RIGID TRANSMISSION LINE</p> <p><b>Amount:</b> \$3,438.00</p>  |
| <p>Sweep test of existing antenna</p>   | <p><b>Component Description:</b> INCLUDES ONE FIELD ENGINEER ON-SITE FOR ONE DAY, TRAVEL, EXPENSES AND REPORT</p> <p><b>Amount:</b> \$6,400.00</p> |

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UHF - High Power, Side  
Mount, basic slot antenna,  
24 bay,, 540 kW input,  
horizontally polarized

**Component Description:**

ANTENNAS - UHF  
BROADBAND SIDE  
MOUNT

**Amount:**

\$76,151.70

**Component Description:**

ANTENNAS - UHF  
BROADBAND SIDE  
MOUNT

**Amount:**

\$76,151.70

---

**Cost Information**

**Transmission Line**

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

| Description   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost         | Actual Cost Justification |
|---|-----------------------------|---------------------|---|---------------------|---------------------------|
| <b>Primary Transmission Line</b>  | <b>\$227,199.07</b>         | <b>\$227,199.07</b> |   | <b>\$168,764.81</b> |                           |
| Primary Transmission Line - Additional Transmission Line - Additional Parts | <i>\$192.00</i>             | \$192.00            | Please see Dielectric Order Confirmation 1192002  | \$192.00            | N/A                       |
| Michigan Sales Tax  | <i>\$1,254.36</i>           | \$1,254.36          | N/A   | \$1,254.36          | N/A                       |
| Extension of Ice Bridge   | <i>\$56,440.00</i>          | \$56,440.00         | N/A   | N/A                 | N/A                       |
| Additional Transmission Line  | <i>\$169,312.71</i>         | \$169,312.71        | per Estimated Cost Justification WXYZ-TV-310-Primary Transmission Line- Additional Transmission Line v0 | \$167,318.45        | N/A                       |
| <b>Auxiliary Transmission Line</b>  | <b>\$0.00</b>               | <b>\$0.00</b>       |   | <b>\$0.00</b>       |                           |
| Required Category - Ignore  | <i>\$0.00</i>               | \$0.00              | Category required due to LMS restrictions   | N/A                 | N/A                       |
| <b>Sub-total</b>  | <b>\$227,199.07</b>         | <b>\$227,199.07</b> | N/A   | <b>\$168,764.81</b> | N/A                       |

|                              |                |                |     |                |     |
|------------------------------|----------------|----------------|-----|----------------|-----|
| <b>Total for all systems</b> | \$5,704,472.53 | \$4,239,012.23 | N/A | \$3,322,985.38 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

## Components

| Actual Information  |  |
|---|--|
| Description   | File Name  |
| Primary Transmission Line - Additional Transmission Line - Additional Parts | <p><b>Component Description:</b> WXYZ-TV-310-Primary Transmission Line - Additional Transmission Line - Additional Parts</p> <p><b>Amount:</b> \$192.00</p>  |
| Michigan Sales Tax  | <p><b>Component Description:</b> MI Sales Tax-Invoice 485001</p> <p><b>Amount:</b> \$1,254.36</p>  |
| Extension of Ice Bridge   | Information not provided.  |
| Additional Transmission Line  | <p><b>Component Description:</b> Transmission Line</p> <p><b>Amount:</b> \$515.70</p> <p><b>Component Description:</b> RIGID TRANSMISSION LINE - COPPER</p> <p><b>Amount:</b> \$68,646.72</p> <p><b>Component Description:</b> WXYZ-TV-310-Primary Transmission Line - Additional Transmission Line</p> <p><b>Amount:</b> \$2,320.65</p> |

|                            |   |
|----------------------------|---|
|                            | <p><b>Component Description:</b> Rigid Transmission Line - Copper</p> <p><b>Amount:</b> \$13,408.68</p>                                     |
|                            | <p><b>Component Description:</b> T/L 7-75 EIA LENGTH 15' TO 20' FIXED FLG</p> <p><b>Amount:</b> \$6,873.19</p>                              |
|                            | <p><b>Component Description:</b> RIGID TRANSMISSION</p> <p><b>Amount:</b> \$70,492.86</p>   |
|                            | <p><b>Component Description:</b> Roller Hanger 7 3 /16 T/L</p> <p><b>Amount:</b> \$2,740.00</p>   |
|                            | <p><b>Component Description:</b> WXYZ-TV-310- Primary Transmission Line - Additional Transmission Line</p> <p><b>Amount:</b> \$2,320.65</p> |
|                            | <p><b>Component Description:</b> OTHER- FEED THROUGH COMPONENTS</p> <p><b>Amount:</b> \$20,906.00</p>                                       |
| Required Category - Ignore | 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>Primary Tower TOWER</b>   | <b>\$751,850.00</b>         | <b>\$803,378.00</b> |   | <b>\$352,367.00</b> |                           |
| Tower Structural Analysis  | <i>\$16,050.00</i>          | \$16,050.00         | see Estimated Cost Justification WXYZ-TV-410- Existing Primary Tower - Tower Structural Analysis v0 | \$16,050.00         | N/A                       |
| Major tower reinforcement /modifications   | \$421,000.00                | \$400,000.00        | N/A   | N/A                 | N/A                       |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00                 | \$25,000.00         | N/A   | N/A                 | N/A                       |
| Michigan Sales Tax   | <i>\$0.00</i>               | \$0.00              | N/A   | N/A                 | N/A                       |
| PE Review of Rigging Plan  | <i>\$7,500.00</i>           | \$7,500.00          | N/A   | \$4,000.00          | N/A                       |

|                                      |                    |                |  |                |     |
|--------------------------------------|--------------------|----------------|--|----------------|-----|
| Tall Tower<br>(greater than<br>500') | \$210,500.00       | \$284,328.00   | see<br>Estimated<br>Cost<br>Justification<br>WXYZ-TV-<br>410-<br>Existing<br>Primary<br>Tower -<br>Tower<br>Rigging,<br>Tall Tower<br>v0 | \$269,667.00   | N/A |
| Tower<br>Helicopter Lift             | <i>\$70,500.00</i> | \$70,500.00    | Please see<br>ERI<br>Change<br>Order<br>Detroit -<br>36244 -<br>Helicopter   | \$62,650.00    | N/A |
| <b>Sub-total</b>                     | \$751,850.00       | \$803,378.00   | N/A  | \$352,367.00   | N/A |
| <b>Total for all<br/>systems</b>     | \$5,704,472.53     | \$4,239,012.23 | N/A  | \$3,322,985.38 | N/A |

## Components

| Actual Information                       |  |
|--|--|
| Description                              | File Name  |
| Tower Structural Analysis                | <p><b>Component Description:</b> Analysis 985' Guyed Tower</p> <p><b>Amount:</b> \$14,250.00</p> <p><b>Component Description:</b> Re-Run Analysis of 985' Guyed Tower w/optimized Re-Pack antenna</p> <p><b>Amount:</b> \$1,800.00</p> |
| 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.  |                               |   |                |          |                               |   |                |            |
| Michigan Sales Tax  | Information not provided.  |                               |   |                |          |                               |   |                |            |
| PE Review of Rigging Plan   | <table> <tr> <td data-bbox="711 524 1145 757"><b>Component Description:</b></td> <td data-bbox="1150 524 1428 757">WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan</td> </tr> <tr> <td data-bbox="711 763 1145 797"><b>Amount:</b></td> <td data-bbox="1150 763 1428 797">\$800.00</td> </tr> <tr> <td data-bbox="711 902 1145 1135"><b>Component Description:</b></td> <td data-bbox="1150 902 1428 1135">WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan</td> </tr> <tr> <td data-bbox="711 1142 1145 1176"><b>Amount:</b></td> <td data-bbox="1150 1142 1428 1176">\$3,200.00</td> </tr> </table> | <b>Component Description:</b> | WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan | <b>Amount:</b> | \$800.00 | <b>Component Description:</b> | WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan | <b>Amount:</b> | \$3,200.00 |
| <b>Component Description:</b>   | WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan  |                               |   |                |          |                               |   |                |            |
| <b>Amount:</b>  | \$800.00   |                               |   |                |          |                               |   |                |            |
| <b>Component Description:</b>   | WXYZ-TV-410-Existing Primary Tower - Professional Engineer Review of Rigging Plan  |                               |   |                |          |                               |   |                |            |
| <b>Amount:</b>  | \$3,200.00   |                               |   |                |          |                               |   |                |            |



Tall Tower (greater than 500')

**Component Description:** Transmission Line Installation  
**Amount:** \$25,951.50

**Component Description:** Installation Services  
**Amount:** \$72,058.50

**Component Description:** Install -Antenna Weather day (11-24-18)  
**Amount:** \$7,800.00

**Component Description:** Weather Day 1/14 /20  
**Amount:** \$20,925.00

**Component Description:** Installation Services  
**Amount:** \$13,611.70

**Component Description:** Transmission Line Installation  
**Amount:** \$25,951.50

**Component Description:** Installation Services  
**Amount:** \$44,154.00

**Component Description:** Main Antenna Installation  
**Amount:** \$54,446.80

**Component Description:** Additional Work  
**Amount:** \$4,768.00

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Tower Helicopter Lift

**Component Description:** Per proposal agreement  
**Amount:** \$14,850.00

**Component Description:** Helicopter Antenna Install  
**Amount:** \$47,800.00

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**Cost Information**

**Outside Professional Services**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification | Actual Cost        | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|--------------------|---------------------------|
| <b>Outside Professional Services</b>   | <b>\$165,039.00</b>         | <b>\$166,184.00</b> |                              | <b>\$99,036.20</b> |                           |
| Michigan Sales Tax   | <i>\$0.00</i>               | \$0.00              | N/A                          | N/A                | N/A                       |
| Site Survey  | <i>\$17,684.00</i>          | \$17,684.00         | N/A                          | N/A                | N/A                       |
| RF Exposure Measurements   | \$21,050.00                 | \$20,000.00         | 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   | \$2,050.00 | \$75.00    | Please see WXYZ-TV RF Eng STA Budget Justification Letter | \$75.00  | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application    | \$1,580.00 | \$1,500.00 | N/A   | 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   | \$750.00 | N/A |

|  |                |                |   |                |     |
|--|----------------|----------------|---|----------------|-----|
| Project management of the transition   | \$94,010.00    | \$99,675.00    | Please see Estimated Cost Justification WXYZ-TV-510-Project Management v0 | \$95,233.70    | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00     | \$7,000.00     | N/A   | \$2,527.50     | N/A |
| Prepare and or review reimbursement form                                     | \$2,630.00     | \$2,500.00     | N/A   | \$450.00       | N/A |
| <b>Sub-total</b>   | \$165,039.00   | \$166,184.00   | N/A   | \$99,036.20    | N/A |
| <b>Total for all systems</b>   | \$5,704,472.53 | \$4,239,012.23 | N/A   | \$3,322,985.38 | N/A |

## Components

| Actual Information Description   | File Name                 |
|--|---------------------------|
| Michigan Sales Tax   | Information not provided. |
| Site Survey  | Information not provided. |
| RF Exposure Measurements   | 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>                                  | <p>Information not provided.</p>  |
| <p>Prepare request for Special Temporary Authorization</p>   | <p><b>Component Description:</b> WXYZ-TV-530-RF<br/>Eng - Special Temporary Authorization</p> <p><b>Amount:</b> \$75.00</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>  |

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

**Component Description:** WXYZ-TV-530-RF Eng - Construction Permit Application (Main):  
**Amount:** \$600.00

**Component Description:** Prep of App for License to Cover CP for \$150.00 (out of an invoice total of \$300.00) needs to be processed under WXYZ-TV-530-RF Eng - Construction Permit Application (Main)  
**Amount:** \$150.00

Project management of the transition

**Component Description:** Project Management  
**Amount:** \$4,032.80

**Component Description:** Project Management  
**Amount:** \$2,288.25

**Component Description:** Project Management  
**Amount:** \$6,697.45

**Component Description:** FCC Repack  
**Amount:** \$75.00

**Component Description:** Preparation of 387 2019 Q2 Update  
**Amount:** \$75.00

**Component Description:** Project  
Management  
**Amount:** \$5,976.40

**Component Description:** Project  
Management  
**Amount:** \$485.80

**Component Description:** Project  
Management  
**Amount:** \$3,786.65

**Component Description:** Project  
Management  
**Amount:** \$64.80

**Component Description:** Project  
Management  
**Amount:** \$64.95

**Component Description:** Project  
Management  
**Amount:** \$2,238.95

**Component Description:** Project  
Management  
**Amount:** \$5,750.15

**Component Description:** Project  
Management  
**Amount:** \$8,262.20

**Component Description:** Professional  
Services  
**Amount:** \$150.00



**Component Description:** FCC Repack  
**Amount:** \$150.00

**Component Description:** Review of WXYZ  
Aux/Interim  
Antenna Coverage  
and Configuration  
**Amount:** \$525.00

**Component Description:** Project  
Management  
**Amount:** \$6,066.20

**Component Description:** Project  
Management  
**Amount:** \$2,546.45

**Component Description:** Project  
Management  
**Amount:** \$5,522.05

**Component Description:** Project  
management  
**Amount:** \$1,241.85

**Component Description:** FOR SERVICES  
RENDERED  
THROUGH: 10/1  
/18-10/31/18  
**Amount:** \$75.00

**Component Description:** Project  
Management  
**Amount:** \$4,454.00

**Component Description:** Professional Services  
**Amount:** \$150.00

**Component Description:** Project Management  
**Amount:** \$2,957.20

**Component Description:** Preparation of STA and ERP/tpo Calculations  
**Amount:** \$75.00

**Component Description:** Project Management  
**Amount:** \$269.05

**Component Description:** Professional Services  
**Amount:** \$75.00

**Component Description:** Project management  
**Amount:** \$7,291.55

**Component Description:** Preparation of 387 Quarterly Update  
**Amount:** \$75.00

**Component Description:** FOR SERVICES RENDERED  
**Amount:** \$225.00

**Component Description:** Project Management  
**Amount:** \$7,810.95

**Component Description:** Project Management  
**Amount:** \$340.00

**Component Description:** Project management  
**Amount:** \$787.85

**Component Description:** FOR SERVICES RENDERED THROUGH: 6/1/19-6/30/19  
**Amount:** \$225.00

**Component Description:** Project Management  
**Amount:** \$2,719.30

**Component Description:** Project Management  
**Amount:** \$8,738.05

**Component Description:** Project Management  
**Amount:** \$2,965.80

Perform engineering study for new channel assignment and antenna development

**Component Description:** WACY - Calls w/ Repack Team, Info Gathering on Station, Coverage Maps  
**Amount:** \$345.00

**Component Description:** Repack Status Calls & Dielectric Call  
**Amount:** \$937.50

**Component Description:** WMAR Repack  
Conference Call  
/Status Discussion  
**Amount:** \$420.00

**Component Description:** Repack  
Conference Calls  
/Status Discussions  
**Amount:** \$210.00

**Component Description:** Comparison of  
Main and Auxiliary  
Repack Facilities  
and Updated  
Auxiliary 2.50 TPO  
Calculation  
**Amount:** \$375.00

**Component Description:** WXYZ-TV-530-RF  
Eng - Engineering  
Study for New  
Channel  
Assignment  
**Amount:** \$15.00

**Component Description:** WXYZ-TV-530-RF  
Eng - Engineering  
Study for New  
Channel  
Assignment  
**Amount:** \$225.00

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Prepare and or review  
reimbursement form

**Component Description:**

WXYZ-TV-590-  
Prepare and/or  
Review  
Reimbursement  
Form:

**Amount:**

\$300.00

**Component Description:**

Required Revisions

**Amount:**

\$150.00

**Cost Information**

**Other Expenses**

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

| Description   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification   | Actual Cost        | Actual Cost Justification |
|---|-----------------------------|---------------------|--|--------------------|---------------------------|
| <b>Other Expenses</b>                                   | <b>\$128,915.38</b>         | <b>\$129,489.08</b> |  | <b>\$47,176.12</b> |                           |
| Michigan Sales Tax                                      | <i>\$0.00</i>               | \$0.00              | N/A  | N/A                | N/A                       |
| Employee Time   | <i>\$0.00</i>               | \$0.00              | N/A  | N/A                | N/A                       |
| MVPD Notification of Channel Change                     | <i>\$5,150.38</i>           | \$5,150.38          | see Estimated Cost Justification WXYZ-TV-610-MVPD Notifications v0       | \$5,150.38         | N/A                       |
| Develop and air announcement of upcoming channel change | <i>\$5,000.00</i>           | \$5,000.00          | N/A  | N/A                | N/A                       |
| Equipment Storage                                       | <i>\$13,770.00</i>          | \$13,770.00         | Please see Estimated Cost Justification WXYZ-TV-610-Equipment Storage v0 | \$13,770.00        | N/A                       |
| Equipment Delivery and Handling Charges                 | <i>\$17,000.00</i>          | \$17,000.00         | N/A  | \$8,235.84         | N/A                       |

|  |                    |                |  |                |     |
|--|--------------------|----------------|--|----------------|-----|
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$25,000.00</i> | \$25,000.00    | N/A  | \$1,425.00     | N/A |
| Non-zoning permits   | <i>\$25,000.00</i> | \$25,000.00    | N/A  | \$6,421.20     | N/A |
| Local Zoning   | <i>\$25,000.00</i> | \$25,000.00    | 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  | N/A            | N/A |
| DTV Medical Facility Notification  | \$11,550.00        | \$12,173.70    | see Estimated Cost Justification WXYZ-TV-610-Medical Facility Notifications v0 | \$12,173.70    | N/A |
| <b>Sub-total</b>   | \$128,915.38       | \$129,489.08   | N/A  | \$47,176.12    | N/A |
| <b>Total for all systems</b>   | \$5,704,472.53     | \$4,239,012.23 | N/A  | \$3,322,985.38 | N/A |

## Components

| Actual Information |                           |
|--------------------|---------------------------|
| Description        | File Name                 |
| Michigan Sales Tax | Information not provided. |
| Employee Time      | Information not provided. |

|  |  |
|--|--|
| MVPD Notification of Channel Change                                      | <p><b>Component Description:</b> MVPD Notification Services</p> <p><b>Amount:</b> \$5,150.38</p>   |
| Develop and air announcement of upcoming channel change                  | Information not provided.  |
| Equipment Storage  | <p><b>Component Description:</b> Storage</p> <p><b>Amount:</b> \$1,170.00</p><br><p><b>Component Description:</b> WXYZ-TV-610-Equipment Storage</p> <p><b>Amount:</b> \$12,600.00</p>          |
| Equipment Delivery and Handling Charges                                  | <p><b>Component Description:</b> FREIGHT AND SHIPPING</p> <p><b>Amount:</b> \$3,298.62</p><br><p><b>Component Description:</b> Other Freight and Shipping</p> <p><b>Amount:</b> \$4,937.22</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p><b>Component Description:</b> 275g Tote</p> <p><b>Amount:</b> \$1,425.00</p>  |



|  |  |
|--|--|
| Non-zoning permits                                       | <p><b>Component Description:</b> WXYZ-TV-610-Non-Zoning Permits<br/><b>Amount:</b> \$1,236.40</p> <p><b>Component Description:</b> Permitting Submittal Package<br/><b>Amount:</b> \$4,684.80</p> <p><b>Component Description:</b> Scope of Services<br/><b>Amount:</b> \$500.00</p> |
| Local Zoning   | Information not provided.  |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided.  |
| FCC Filing Fees - Form 2100 minor change CP application  | Information not provided.  |
| DTV Medical Facility Notification                        | <p><b>Component Description:</b> Notification of Medical Facilities<br/><b>Amount:</b> \$6,086.85</p> <p><b>Component Description:</b> DTV Notification Service<br/><b>Amount:</b> \$6,086.85</p>  |

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

|                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> | <b>Actual Cost</b> |
|------------------------------|------------------------------------|-----------------------|--------------------|
| <b>Total for all systems</b> | \$5,704,472.53                     | \$4,239,012.23        | \$3,322,985.38     |

**Reimbursement Status**

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

| Certification | Section   | Question  | Response |
|---------------|---|---|----------|
|               | <p><b>Submission of Estimated Expenses Statements</b></p> | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>   |          |
|               |   | <ol style="list-style-type: none"> <li>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.

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Pravan V  
Reddy ,  
Reddy .**  
*Senior  
Director,  
General  
Accounting*

06/01/2021

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | <p><b>Submission of Actual Cost Documentation Statements</b></p> | <p>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).</p>   |          |
|               |  | <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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Sravan V Reddy , Reddy .**  
 *Senior Director, General Accounting*

06/01/2021

## Attachments