

Federal Communications Commission

## (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

| Facility<br>ID: | I       | Service: <b>DTV</b> | Call<br>Sign: | KWBA-TV | Channel: 21 (UHF) |
|-----------------|---------|---------------------|---------------|---------|-------------------|
| File            | 000002  | 7262                |               |         |                   |
| Number:         |         |                     |               |         |                   |
| FRN: <b>000</b> | 2710192 | Date                | 03/24         |         |                   |
|                 |         | Submitted:          | /2020         |         |                   |

# Applicant Name, Type, and Contact Information

Information

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

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

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

# Preparer Preparer Contact Name and Information

| Contact<br>Information | Applicant  | Address   | Phone                 | Email                           |
|------------------------|--|---|-----------------------|---------------------------------|
|                        | <b>Ray Thurber</b><br>Vice President Engineering<br>SCRIPPS BROADCASTING<br>HOLDINGS LLC | Ray Thurber<br>312 Walnut St.<br>Cincinnati, OH<br>45202<br>United States | +1 (248) 827-<br>9202 | ray.<br>thurber@scripps.<br>com |

| Broadcaster                              | Question   | Response   |
|--|--|--|
| Information<br>and<br>Transition<br>Plan | Will the station be sharing equipment with<br>another broadcast television station or<br>stations (e.g., a shared antenna, co-location<br>on a tower, use of the same transmitter<br>room, multiple transmitters feeding a<br>combiner, etc.)? If yes, enter the facility ID's<br>of the other stations and click 'prefill' to<br>download those stations' licensing<br>information. | No   |
|  | Briefly describe transition plan   | KWBA must replace its main antenna and<br>transmitter in order to move it its new<br>channel. See attached narrative for a more<br>detailed explanation. |

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

# Add Transmitter Information

| Transmitter | Section                                       | Question   | Response              |
|-------------|---|--|-----------------------|
|             | Existing Transmitter<br>Description           | Type of change   | Retune<br>Existing    |
|             |   | Use  | Auxiliary<br>(Backup) |
|             |   | Ownership  | Owned                 |
|             |   | Owner N/A  | N/A                   |
|             |   | Is this transmitter currently shared with another station? |                       |
|             |   | Is this transmitter currently in operating condition?      | Yes                   |
|             | Existing Transmitter<br>Manufacturer and Type | Manufacturer   | Rohde<br>Swartz       |
|             |   | Model  | TMU9                  |
|             |   |  |                       |

| Year                       | 2015        |
|----------------------------|-------------|
| Туре                       | Solid State |
| Solid State Cooling        | Air Cooled  |
| Solid State Power capacity | 3 kW        |

# **Retuning Transmitter Costs** Auxiliary Transmitter

| Section         | Question                                       | Response |
|-----------------|--|----------|
| New IOT Tubes   | Number of Tubes (including accessories) needed | N/A      |
| New Mask Filter | Power  | 3 kW     |
|                 | Other Power                                    | N/A      |
| New Exciter     | Is a new exciter needed?                       | No       |

#### **Other Transmitter Costs** Auxiliarv

| - |     |    |    |   | J   |   |
|---|-----|----|----|---|-----|---|
| 1 | [ra | an | SI | m | itt | e |

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

| Auxiliary   | Other Transmitter Cost Not Listed |   |  |
|-------------|-----------------------------------|---|--|
| Transmitter | Name                              | Description   |  |
|             | Arizona Sales Tax                 | Arizona Sales Tax on Retuning of Existing<br>Aux Transmitter and New Mask Filter. |  |

| Primary     | Existing Transmitter Information    |  |                          |  |
|-------------|-------------------------------------|--|--------------------------|--|
| Transmitter | Section                             | Question   | Response                 |  |
|             | Existing Transmitter<br>Description | Type of change   | Purchase<br>New          |  |
|             |                                     | Use  | Primary<br>(Main)        |  |
|             |                                     | Description of Use   | N/A                      |  |
|             |                                     | Ownership  | Owned                    |  |
|             |                                     | Owner  | N/A                      |  |
|             |                                     | Site   | N/A                      |  |
|             |                                     | Is this transmitter currently shared with another station? | No                       |  |
|             |                                     | Is this transmitter currently in operating condition?      | Yes                      |  |
|             | Existing Transmitter                | Manufacturer   |                          |  |
|             | Manufacturer and Type               | Model  | Quantum<br>QEXD1         |  |
|             |                                     | Year   | 2005                     |  |
|             |                                     | Туре   | Inductive<br>Output Tube |  |
|             |                                     | IOT Power Type   | Two                      |  |
|             |                                     | Power Capacity   | 32 kW                    |  |

#### **Existing Transmitter Information**

| Primary     | New Transmitter Costs |   |  |  |
|-------------|-----------------------|---|--|--|
| Transmitter | Section               | Question                                  | Response   |  |
|             | New Transmitter       | Use                                       | Primary<br>(Main)  |  |
|             |                       | Change Type                               | Purchase<br>New  |  |
|             |                       | Is this a request for upgraded equipment? | Yes  |  |
|             |                       | Manufacturer                              |  |  |
|             |                       | Model                                     | ULXTE-20   |  |
|             |                       | Transmitter Type                          | Solid State  |  |
|             |                       | Solid State Cooling                       | Liquid Cooled  |  |
|             |                       | Solid State Power capacity                | 12.9 kW  |  |
|             |                       | Justification for New Transmitter         | Current<br>Acrodyne<br>transmitter is<br>orphaned and<br>no longer<br>supported by<br>the<br>manufacturer.<br>Parts are in<br>very limited<br>supply or not<br>available. It<br>cannot be re-<br>tuned.<br>Current<br>transmitter<br>has<br>headroom.<br>Station<br>asking for 1<br>step-up. |  |

| Primary     | Other Transmitter Costs |                                       |          |  |
|-------------|-------------------------|---------------------------------------|----------|--|
| Transmitter | Section                 | Question                              | Response |  |
|             | Electrical Service      | Service Entrance (3 phases 800A 208V) | No       |  |
|             |                         |                                       |          |  |

|   | Switchgear (industrial 800 amp)  | Yes   |
|---|--|---|
|   | Transformer (480V)   | Yes   |
|   | Power  | 150 kVA   |
|   | Rigid Conduit and Wiring   | No  |
|   | Size   | N/A   |
|   | Length   | N/A   |
|   | Other Electrical Service   | Yes   |
|   | Description  | Necessary<br>conduit,<br>wiring and<br>fuse<br>disconnects<br>as quoted<br>by electrical<br>contractor. |
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | No  |
|   | Туре   | N/A   |
|   | Size   | N/A   |
|   | Other Size   | N/A   |
| Transmitter Building<br>Addition/Modification or<br>Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No  |
|   | Size   | N/A   |
| Channel 14 Costs  | Is an RF Consulting Engineer needed?   | N/A   |
|   | Is a channel 14 Mask Filer needed?   | N/A   |
|   | Is additional field engineering time needed?   | N/A   |
|   | Number of Days   | N/A   |

#### Other Transmitter Cost Not Listed

Primary Transmitter

Name

Description

| uptransmitter power to account for extra<br>headroom station has in current transmitter. | Transmitter Headroom Replication Step- | Cost associated for 1 step from the required |
|--|--|--|
|  | up                                     |  |

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

| Primary | Existing Antenna Information              |  |                    |  |
|---------|---|--|--------------------|--|
| Antenna | Section                                   | Question   | Response           |  |
|         | Existing Antenna<br>Description           | Type of change   | Purchase<br>New    |  |
|         |   | Antenna Use  | Primary<br>(Main)  |  |
|         |   | Description of Use   | N/A                |  |
|         |   | Ownership  | Owned              |  |
|         |   | Owner  | N/A                |  |
|         |   | Site   | N/A                |  |
|         |   | Is the existing antenna shared with another station or stations? | No                 |  |
|         |   | Is the existing antenna directional?                             | Yes                |  |
|         |   | Is antenna in operating condition?                               | Yes                |  |
|         |   | Is antenna located on or in close proximity to an antenna farm?  | No                 |  |
|         | Existing Antenna<br>Manufacturer and Type | Class  | Full Power         |  |
|         |   | 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   | 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        | SWCD24BFS<br>/44D |
| Year         | 2005              |

| Primary | New Antenna Costs                     |  |                    |  |
|---------|---------------------------------------|--|--------------------|--|
| Antenna | 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?                            | Yes                |  |
|         |                                       | Ownership  | Owned              |  |
|         |                                       | Owner  | N/A                |  |
|         |                                       | Is antenna shared?   | No                 |  |
|         |                                       | Is antenna directional?  | Yes                |  |
|         |                                       | Will antenna be located on or in close proximity to an antenna farm? | No                 |  |
|         | New Antenna<br>Manufacturer and Types | Class  | Full Power         |  |
|         |                                       | Mounting   | Top Mount          |  |
|         |                                       | Antenna position in stack  | Not in Stack       |  |
|         |                                       | Polarization   | Elliptical         |  |
|         |                                       | 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)                                      | 525.0 kW           |  |
|         |                                       | Manufacturer   |                    |  |
|         |                                       |  | 1                  |  |

| Model                         | TFU-26GTH<br>/VP-R P260   |
|-------------------------------|---|
| Year                          | 2018  |
| Justification for New Antenna | Existing<br>main<br>antenna is<br>a coaxial<br>slot<br>antenna<br>that is<br>channel<br>specific and<br>cannot be<br>reused on<br>the new<br>channel. |

# Primary Other Antenna Costs

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

| 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 Primary Antenna Description Name Arizona Sales Tax for Antenna

Arizona Sales Tax

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

| Primary    | Existing Transmission Line             |  |                     |  |
|------------|--|--|---------------------|--|
| Transmissi | on 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<br>Type          | Туре   | Flexible Air        |  |
|            |  | Diameter   | 5 inches            |  |
|            |  | Other Diameter   | N/A                 |  |
|            |  | Segment Length   | N/A                 |  |
|            |  | Other Segment Length   | N/A                 |  |
|            |  | Number of parallel runs  | 1                   |  |
|            |  | Length   | 214 feet<br>per run |  |

**Existing Transmission Line** 

| Primarv     | New Transmission Line          |   |  |  |
|-------------|--------------------------------|---|--|--|
| Transmissio | Section                        | Question                                  | Response   |  |
|             | New Transmission Line<br>Costs | Use                                       | Primary<br>(Main)  |  |
|             |                                | Description of Use                        | N/A  |  |
|             |                                | Change Type                               | Purchase<br>New  |  |
|             |                                | Is this a request for upgraded equipment? | No   |  |
|             |                                | Туре                                      | Flexible Air   |  |
|             |                                | Diameter                                  | 5 inches   |  |
|             |                                | Other Diameter                            | N/A  |  |
|             |                                | Segment Length                            | N/A  |  |
|             |                                | Other Segment Length                      | N/A  |  |
|             |                                | Number of parallel runs                   | 1  |  |
|             |                                | Length                                    | 200 feet per<br>run  |  |
|             |                                | Justification for New Transmission Line   | KWBA will<br>use its<br>current main<br>facility as<br>the interim<br>facility. It will<br>need new<br>transmission<br>line for the<br>new top-<br>mount<br>antenna. |  |

| Primary     | Other Transmission Line Expenses Not Listed |             |
|-------------|---|-------------|
| Transmissio | nNaine                                      | Description |

| smissio | n Nattle          | Description  |
|---------|-------------------|--|
|         | Arizona Sales Tax | Arizona Sales Tax on Transmission Line<br>Expenses |

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

# **Existing Tower**

| Primary | Existing Tower                     |   |                        |  |
|---------|------------------------------------|---|------------------------|--|
| Tower   | Section                            | Question  | Response               |  |
|         | Existing Tower<br>Description      | Type of change  | Modify Existing        |  |
|         |                                    | Tower Use   | Primary (Main)         |  |
|         |                                    | Description of Use                                      | N/A                    |  |
|         |                                    | Ownership   | Owned                  |  |
|         |                                    | Is this tower consider Complex?                         | Terrain<br>Constrained |  |
|         |                                    | 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?            | No                     |  |
|         |                                    | Is tower compliant with Rev G?                          | No                     |  |
|         | Existing Tower<br>Structure        | Do you have a tower registration number?                | No                     |  |
|         | Registration                       | ASR Number  |                        |  |
|         | Coordinates (NAD83                 | Latitude (NAD83)  | 31° 45' 32.3" N-       |  |
|         | (North American<br>Datum of 1983)) | Longitude (NAD83)                                       | 110° 48' 05.3" W-      |  |
|         |                                    | Overall Structure Height                                | 199.00 feet            |  |
|         |                                    | Support Structure Height                                | 158.00 feet            |  |
|         |                                    | Ground Elevation Above Mean Sea Level (AMSL)            | 5869.40 feet           |  |
|         |                                    |   | ,                      |  |

| Structure Type   | TOWER - Free<br>Standing or<br>Guyed Structure |
|------------------|--|
| Tower Owner      | SCRIPPS<br>BROADCASTING<br>HOLDINGS LLC        |
| Date Constructed | 12/01/1998                                     |

# Other Types of Users

Users

Land Mobile

Microwave Relay

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

| 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                                     |

# **Tower Rigging Costs** Primary Tower

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

### Other Tower Expenses Not Listed

### Primary Tower

| Name                              | Description  |
|-----------------------------------|--|
| Structural Analysis and Soil Bore | Structural Analysis and Soil Bore for Tower  |
| Arizona Sales Tax                 | Arizona Sales Tax on Tower Expenses  |
| PE Review of Rigging Plan         | Professional Engineering review of<br>proposed rigging plan as required by ANSI<br>/ASEE A10.48 and ANSI/TIA 322 standards.  |
| Road Improvement                  | The road to the transmitter site must be<br>improved in order for a new antenna and<br>rigging equipment to be delivered. Also<br>investigating helicopter option. |

| Outside      | Section  | Question   | Response  |
|--------------|--|--|---|
| Professional | Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes   |
|              |  | Number of Hours  | 835   |
|              |  | Explanation  | Project<br>manager<br>needed to<br>manage all<br>work at<br>transmitter<br>site<br>required to<br>transition to<br>new<br>channel<br>(both the<br>main and<br>interim<br>facilities).<br>With the<br>size of the<br>current<br>engineering<br>staff,<br>KWBA<br>cannot<br>spare<br>personnel<br>to ensure<br>these tasks<br>are<br>completed. |
|              | Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes   |
|              |  | Prepare engineering section of Form FCC<br>Construction Permit Application   | Yes   |
|              |  | For Auxiliary Facility   | No  |
|              |  | For Main Facility  | Yes   |
|              |  | Prepare engineering section of Form FCC<br>License to Cover Application      | Yes   |
|              |  | For Auxiliary Facility   | No  |
|              |  |  |   |

|  | For Main Facility  | Yes |
|--|--|-----|
|  | Prepare request for Special Temporary<br>Authority   | Yes |
|  | Quantity   | 1   |
|  | Do you have Distributed Transmission<br>System engineering services?                       | N/A |
|  | Critical Facility  | N/A |
|  | Terrain-Shielded Facility  | N/A |
| Attorney and Other<br>Outside Consulting | Prepare and file Form FCC Construction<br>Permit Application                               | Yes |
| Services                                 | For Auxiliary Facility   | No  |
|  | For Main Facility  | Yes |
|  | Prepare and file Form FCC License to<br>Cover Application                                  | Yes |
|  | For Auxiliary Facility   | No  |
|  | For Main Facility  | Yes |
|  | Prepare request for Special Temporary<br>Authority   | Yes |
|  | Quantity   | 1   |
|  | 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  |

| RF Field Engineering<br>Services | 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 ListedProfessionalDescriptionArizona Sales TaxArizona Sales Tax on Professional Services<br/>ExpensesSite SurveyGatesAir performed a site survey to access<br/>changes to facility as necessary to<br/>transition to new channel including, power<br/>and HVAC requirements, available<br/>transmitter room space and existing<br/>antenna and transmission line RF<br/>characteristics at new channel.

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

### Other Expenses Not Listed

| Other<br>Expenses | Other Expenses Not Listed |   |  |  |
|-------------------|---------------------------|---|--|--|
|                   | Name                      | Description   |  |  |
|                   | Arizona Sales Tax         | Arizona Sales Tax on Other Expenses   |  |  |
|                   | Employee Time             | Time needed by Scripps corporate and KWBA employees to work on the transition to a new channel. |  |  |

#### Transmitters

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification  | Actual<br>Cost | Actual Cost<br>Justification  |
|--|--------------------------------|-------------------|---|----------------|---|
| Primary<br>Transmitter<br>ULXTE-20   | \$714,550.00                   | \$689,770.78      |   | \$476.00       |   |
| Transmitter<br>Headroom<br>Replication<br>Step-up  | \$144,000.00                   | \$144,000.00      | N/A   | \$0.00         | N/A   |
| Other<br>Electrical<br>Service:<br>Necessary<br>conduit,<br>wiring and<br>fuse<br>disconnects<br>as quoted<br>by electrical<br>contractor. | \$12,300.00                    | \$12,300.00       | N/A   | \$0.00         | N/A   |
| Transformer<br>3 phase<br>/480v - 150<br>KVA   | \$25,550.00                    | \$24,300.00       | N/A   | \$0.00         | N/A   |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>8.2 - 13 kW   | \$494,500.00                   | \$472,870.78      | Includes<br>cost to<br>remove old<br>transmitter<br>to make<br>space for<br>new<br>transmitter. | \$476.00       | This is the<br>same as<br>the quoted<br>price per<br>the initial<br>submission<br>(Estimated<br>cost) |
| Switchgear<br>- industrial<br>800 amp  | \$38,200.00                    | \$36,300.00       | N/A   | \$0.00         | N/A   |
| Auxiliary<br>Transmitter<br>TMU9   | \$130,189.00                   | \$124,784.00      |   | \$0.00         |   |

| Arizona<br>Sales Tax                        | \$20,834.00    | \$20,834.00    | N/A | \$0.00      | N/A |
|---|----------------|----------------|-----|-------------|-----|
| 3 kW mask<br>filter                         | \$4,155.00     | \$3,950.00     | N/A | \$0.00      | N/A |
| UHF and<br>VHF - minor<br>banding<br>issues | \$105,200.00   | \$100,000.00   | N/A | \$0.00      | N/A |
| Sub-total                                   | \$844,739.00   | \$814,554.78   | N/A | \$476.00    | N/A |
| Total for all systems                       | \$2,780,612.77 | \$2,669,671.66 | N/A | \$35,044.93 | N/A |

### Components

| Actual Information<br>Description  | File Name                         |   |
|--|-----------------------------------|---|
| Transmitter Headroom<br>Replication Step-up  | Information not provided.         |   |
| Other Electrical Service:<br>Necessary conduit, wiring<br>and fuse disconnects as<br>quoted by electrical<br>contractor. | Information not provided.         |   |
| Transformer 3 phase/480v -<br>150 KVA  | Information not provided.         |   |
| UHF - Liquid Cooled Solid<br>State Transmitter 8.2 - 13 kW   | Component Description:<br>Amount: | SNMP FOR ARC<br>PLUS V5 and SL<br>\$476.00                      |
|  | Component Description:            | Transmitter cost<br>from Gates Air -<br>same as Quoted<br>price |
|  | Amount:                           | \$472,870.78  |
| Switchgear - industrial 800<br>amp   | Information not provided.         |   |
| Arizona Sales Tax  | Information not provided.         |   |

| 3 kW mask filter                   | Information not provided. |
|------------------------------------|---------------------------|
| UHF and VHF - minor banding issues | Information not provided. |

#### Antennas

#### Cost Information

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                             | Actual<br>Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|--|----------------|------------------------------|
| Primary<br>Antenna<br>TFU-26GTH<br>/VP-R P260   | \$316,991.00                   | \$316,234.11      |  | \$0.00         |                              |
| UHF - High<br>Power Top<br>Mount (200-<br>1000 kW),<br>One station<br>antenna ,<br>elliptically<br>or circularly<br>polarized | \$289,500.00                   | \$289,073.11      | Please see<br>KWBA<br>Dielectric<br>Revised<br>Quote<br>728002 | \$0.00         | N/A                          |
| Sweep test<br>of existing<br>antenna  | \$6,730.00                     | \$6,400.00        | N/A  | \$0.00         | N/A                          |
| Arizona<br>Sales Tax  | \$20,761.00                    | \$20,761.00       | N/A  | \$0.00         | N/A                          |
| Sub-total   | \$316,991.00                   | \$316,234.11      | N/A  | \$0.00         | N/A                          |
| Total for<br>all systems  | \$2,780,612.77                 | \$2,669,671.66    | N/A  | \$35,044.93    | N/A                          |

#### Components

Information not provided.

#### **Transmission Line**

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary<br>Transmission<br>Line                          | \$22,720.00                    | \$21,720.00       |                                    | \$1,539.04     |                              |
| Arizona<br>Sales Tax                                     | \$1,720.00                     | \$1,720.00        | N/A                                | \$0.00         | N/A                          |
| Flexible Air<br>Transmission<br>Line -<br>dielectric, 5" | \$21,000.00                    | \$20,000.00       | N/A                                | \$1,539.04     | N/A                          |
| Sub-total  | \$22,720.00                    | \$21,720.00       | N/A                                | \$1,539.04     | N/A                          |
| Total for all systems                                    | \$2,780,612.77                 | \$2,669,671.66    | N/A                                | \$35,044.93    | N/A                          |

#### Components

| Actual Information<br>Description                  | File Name                         |  |
|--|-----------------------------------|--|
| Arizona Sales Tax                                  | Information not provided.         |  |
| Flexible Air Transmission<br>Line - dielectric, 5" | Component Description:<br>Amount: | Reducer and<br>Shipping<br>\$1,124.89      |
|  | Component Description:<br>Amount: | Other REDUCER<br>4-50 X 1-50<br>\$1,124.89 |
|  | Component Description:<br>Amount: | Reducer 6-50 EIA<br>\$414.15               |

#### **Tower Equipment and Rigging Costs**

#### Cost Information

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual<br>Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Tower<br>TOWER  | \$1,140,332.00                 | \$1,097,032.00    |                                    | \$0.00         |                              |
| Structural<br>Analysis and<br>Soil Bore   | \$20,000.00                    | \$20,000.00       | N/A                                | \$0.00         | N/A                          |
| Complex<br>Tower<br>(includes, for<br>example,<br>those with<br>candelabras<br>and/or<br>stacked<br>antennas)   | \$421,000.00                   | \$400,000.00      | N/A                                | \$0.00         | N/A                          |
| Major tower<br>reinforcement<br>/modifications  | \$421,000.00                   | \$400,000.00      | N/A                                | \$0.00         | N/A                          |
| PE Review of Rigging Plan   | \$7,500.00                     | \$7,500.00        | N/A                                | \$0.00         | N/A                          |
| Tower<br>mapping for<br>an<br>undocumented<br>/poorly<br>documented<br>tower and<br>preparation of<br>documentation<br>necessary for<br>tower load<br>study | \$26,300.00                    | \$25,000.00       | N/A                                | \$0.00         | N/A                          |
| Arizona Sales<br>Tax  | \$116,316.00                   | \$116,316.00      | N/A                                | \$0.00         | N/A                          |

| Road<br>Improvement   | \$128,216.00   | \$128,216.00   | See<br>attached<br>quote | \$0.00      | N/A |
|-----------------------|----------------|----------------|--------------------------|-------------|-----|
| Sub-total             | \$1,140,332.00 | \$1,097,032.00 | N/A                      | \$0.00      | N/A |
| Total for all systems | \$2,780,612.77 | \$2,669,671.66 | N/A                      | \$35,044.93 | N/A |

### Components

Information not provided.

#### **Outside Professional Services**

#### Cost Information

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification               | Actual<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|----------------|------------------------------|
| Outside<br>Professional<br>Services  | \$206,487.00                   | \$171,352.00      |  | \$23,186.85    |                              |
| Project<br>management<br>of the transition   | \$131,930.00                   | \$99,675.00       | Per<br>Widelity<br>Strategic<br>Support<br>Quote | \$23,186.85    | N/A                          |
| Site Survey  | \$16,900.00                    | \$16,900.00       | N/A  | \$0.00         | N/A                          |
| Arizona Sales<br>Tax   | \$8,527.00                     | \$8,527.00        | N/A  | \$0.00         | N/A                          |
| RF Exposure<br>Measurements  | \$21,050.00                    | \$20,000.00       | N/A  | \$0.00         | N/A                          |
| Attorney Fees<br>- Prepare and<br>File request<br>for Special<br>Temporary<br>Authorization              | \$3,680.00                     | \$3,500.00        | N/A  | \$0.00         | N/A                          |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application    | \$2,365.00                     | \$2,250.00        | N/A  | \$0.00         | N/A                          |
| Attorney Fees<br>- Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application | \$5,260.00                     | \$5,000.00        | N/A  | \$0.00         | N/A                          |

| Total for all systems   | \$2,780,612.77 | \$2,669,671.66 | N/A | \$35,044.93 | N/A |
|---|----------------|----------------|-----|-------------|-----|
| Sub-total   | \$206,487.00   | \$171,352.00   | N/A | \$23,186.85 | N/A |
| Prepare and<br>or review<br>reimbursement<br>form   | \$2,630.00     | \$2,500.00     | N/A | \$0.00      | N/A |
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00     | \$7,000.00     | N/A | \$0.00      | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00     | \$3,000.00     | N/A | \$0.00      | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>License to<br>Cover<br>Application    | \$1,580.00     | \$1,500.00     | N/A | \$0.00      | N/A |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization   | \$2,050.00     | \$1,500.00     | N/A | \$0.00      | N/A |

### Components

| Actual Information<br>Description    | File Name |
|--------------------------------------|-----------|
| Project management of the transition |           |

| Component Description:<br>Amount: | Project<br>Management<br>\$2,282.90 |
|-----------------------------------|-------------------------------------|
| Component Description:<br>Amount: | Project<br>Management<br>\$2,500.15 |
| Component Description:<br>Amount: | Preparation of 387<br>\$150.00      |
| Component Description:<br>Amount: | Project<br>Management<br>\$2,818.45 |
| Component Description:<br>Amount: | Project<br>Management<br>\$7,355.80 |
| Component Description:<br>Amount: | Project<br>Management<br>\$13.30    |
| Component Description:<br>Amount: | Project<br>Management<br>\$1,688.95 |
| Component Description:<br>Amount: | Project<br>Management<br>\$2,200.20 |
| Component Description:<br>Amount: | Project<br>Management<br>\$3,355.80 |

|   | Component Description:<br>Amount: | Project<br>Management<br>\$93.55  |
|---|-----------------------------------|-----------------------------------|
|   | Component Description:<br>Amount: | Project<br>Management<br>\$342.80 |
|   | Component Description:<br>Amount: | Project<br>Management<br>\$384.95 |
| Site Survey   | Information not provided.         |                                   |
| Arizona Sales Tax   | Information not provided.         |                                   |
| RF Exposure Measurements  | Information not provided.         |                                   |
| Attorney Fees - Prepare and<br>File request for Special<br>Temporary Authorization              | Information not provided.         |                                   |
| Attorney Fees -Prepare and<br>File FCC Form 2100 (main),<br>License to Cover 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.         |                                   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>License to Cover Application         | Information not provided.         |                                   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>Construction Permit<br>Application   | Information not provided.         |                                   |
| Perform engineering study<br>for new channel assignment<br>and antenna development              | Information not provided.         |                                   |

| Prepare and or review | Information not provided. |
|-----------------------|---------------------------|
| reimbursement form    |                           |

#### **Other Expenses**

#### Cost Information

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated Cost<br>Justification                 | Actual<br>Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|---|----------------|------------------------------|
| Other<br>Expenses   | \$249,343.77                   | \$248,778.77      |   | \$9,843.04     |                              |
| Disposal<br>Costs (for<br>equipment and<br>other waste,<br>net of any<br>salvage value) | \$16,875.33                    | \$16,875.33       | See attached<br>quote                           | \$0.00         | N/A                          |
| FCC Filing<br>Fees - Special<br>Temporary<br>Authorization<br>request                   | \$195.00                       | \$190.00          | N/A   | \$0.00         | N/A                          |
| FCC Filing<br>Fees - Form<br>2100 license<br>to cover<br>application                    | \$335.00                       | \$325.00          | N/A   | \$0.00         | N/A                          |
| DTV Medical<br>Facility<br>Notification   | \$11,550.00                    | \$11,000.00       | N/A   | \$5,314.20     | N/A                          |
| Employee<br>Time  | \$123,390.60                   | \$123,390.60      | N/A   | \$0.00         | N/A                          |
| Arizona Sales<br>Tax  | \$21,349.00                    | \$21,349.00       | N/A   | \$0.00         | N/A                          |
| MVPD<br>Notification of<br>Channel<br>Change  | \$4,528.84                     | \$4,528.84        | Per KWBA<br>DTVNotification<br>PO<br>3003045189 | \$4,528.84     | N/A                          |
| Develop and<br>air<br>announcement<br>of upcoming<br>channel<br>change                  | \$5,000.00                     | \$5,000.00        | N/A   | \$0.00         | N/A                          |

| Equipment<br>Storage                             | \$20,000.00    | \$20,000.00    | N/A | \$0.00      | N/A |
|--|----------------|----------------|-----|-------------|-----|
| Equipment<br>Delivery and<br>Handling<br>Charges | \$46,120.00    | \$46,120.00    | N/A | \$0.00      | N/A |
| Sub-total  | \$249,343.77   | \$248,778.77   | N/A | \$9,843.04  | N/A |
| Total for all systems                            | \$2,780,612.77 | \$2,669,671.66 | N/A | \$35,044.93 | N/A |

#### Components

| Actual Information<br>Description  | File Name                         |   |
|--|-----------------------------------|---|
| Disposal Costs (for<br>equipment and other waste,<br>net of any salvage value) | Information not provided.         |   |
| FCC Filing Fees - Special<br>Temporary Authorization<br>request                | Information not provided.         |   |
| FCC Filing Fees - Form 2100 license to cover application                       | Information not provided.         |   |
| DTV Medical Facility<br>Notification   | Component Description:<br>Amount: | DTV Notification<br>Service<br>\$2,657.10 |
|  | Component Description:<br>Amount: | DTV Notification<br>Service<br>\$2,657.10 |
| Employee Time  | Information not provided.         |   |
| Arizona Sales Tax  | Information not provided.         |   |

| MVPD Notification of<br>Channel Change                        | Component Description:<br>Amount: | MVPD<br>Notification<br>Services<br>\$2,264.42 |
|---|-----------------------------------|--|
|   | Component Description:<br>Amount: | MVPD<br>Notification<br>Services<br>\$2,264.42 |
| Develop and air<br>announcement of upcoming<br>channel change | Information not provided.         |  |
| Equipment Storage   | Information not provided.         |  |
| Equipment Delivery and Handling Charges                       | Information not provided.         |  |

| Cost        | Grand Total           |                                |                |             |
|-------------|-----------------------|--------------------------------|----------------|-------------|
| Information |                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost |
|             | Total for all systems | \$2,780,612.77                 | \$2,669,671.66 | \$35,044.93 |

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

| Certification | Section  | Question  | Response |
|---------------|--|---|----------|
|               | Submission of Estimated<br>Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE STATEMENTS COULD SUBJECT<br>THIS ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT. |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> <li>The above-named</li> </ol>   |          |
|               |  | entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.  |          |
|               |  | 3. The above-named<br>entity acknowledges<br>the submission of the<br>information herein<br>creates no obligation<br>on the part of the<br>government to pay<br>any amount.   |          |
|               |  |   |          |

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

| 8. The above-named<br>entity certifies that it<br>is in full compliance<br>with all statutes,<br>rules, regulations<br>and governmental<br>requirements for<br>which compliance is<br>a pre-requisite for<br>obtaining the<br>payments herein<br>requested. |  |
|---|--|
| I declare, under penalty of perjury, that I am<br>an authorized representative of the above-<br>named applicant for the Authorization(s)<br>specified above.  | Sravan<br>Reddy ,<br>Reddy .<br>Senior<br>Director,<br>General<br>Accounting<br>03/24/2020 |

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | Submission of Actual<br>Cost Documentation<br>Statements | WILLFUL FALSE, FRAUDULENT, OR<br>FICTITIOUS STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISIONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE AND/OR FRAUDULENT<br>STATEMENTS COULD SUBJECT THIS<br>ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT (U.S. CODE, TITLE<br>31, SECTIONS 3729-3733). |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies and<br/>represents that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> </ol>  |          |
|               |  | 2. The above-named<br>entity certifies that<br>the statements in this<br>form and attached<br>documentation are<br>true, complete, and<br>correct.   |          |
|               |  | 3. The above-named<br>entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.   |          |
|               |  |  |          |

- 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).
- 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.

| <ul> <li>9. The above-named<br/>entity certifies that it<br/>is in full compliance<br/>with all statutes,<br/>rules, regulations<br/>and governmental<br/>requirements for<br/>which compliance is<br/>a prerequisite for<br/>obtaining the<br/>payments herein<br/>requested.</li> <li>I declare, under penalty of perjury, that I am<br/>an authorized representative of the above-</li> </ul> |  |
|--|--|
| an authorized representative of the above-   |  |
| named applicant for the Authorization(s) specified above.  | Sravan<br>Reddy ,<br>Reddy .<br>Senior<br>Director,<br>General<br>Accounting |

#### Attachments