

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| | | | | | | | |
|----------|-------------------|------------|--------------|-------|----------------|----------|-----------------|
| Facility | 53847 | Service: | DTV | Call | KXLN-DT | Channel: | 30 (UHF) |
| ID: | | | | Sign: | | | |
| File | 0000028520 | | | | | | |
| Number: | | | | | | | |
| FRN: | 0008192015 | Date | 04/30 | | | | |
| | | Submitted: | /2018 | | | | |

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|---------------|---------------------|---------------------|
| KXLN LICENSE PARTNERSHIP, L.P. | Christopher G. Wood | +1 (310) 348- | cwood@univision.net | Limited Partnership |
| Doing Business As: KXLN LICENSE PARTNERSHIP, L.P. | 5999 CENTER DRIVE LOS ANGELES, CA 90045 United States | 3600 | | |

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 |
|---------------------------------|---|---------------|---------------------|
| Karl D Lahm , P.E. . | Karl D. Lahm | +1 (847) 245- | klahm@univision.net |
| Director RF Systems Engineering | 358 Pines Blvd. Lake Villa, IL 60046 United States | 8699 | |
| Univision Management Company | | | |

**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 | | Replacement of existing antenna, mask filter, and transmitter at main facility and replacement of channel combiner module, mask filter, and transmitter at auxiliary facility. Latter to be while main antenna is replaced. See attached Implementation Plan. |

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

| Section | Question | Response |
|---|---|---|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | During maintenance /failure of main unit or when reduced power required for RFE protection on tower |
| | 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 and Type | Manufacturer | |
| | Model | DHD-60P2 |
| | Year | 2002 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 14 kW |

**Auxiliary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | THU9-6evo |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 9.8 kW |
| | Justification for New Transmitter | Amplifiers of existing are incapable of operation below channel 40, have been discontinued by the manufacturer, and replacements are not otherwise available. |

**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 | 480:400V transformer and distribution wiring to feed new transmitter |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (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 and Type | Manufacturer | |
| | Model | CD3200P2 |
| | Year | 2001 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 42 kW |

**Primary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | THU9-30evo |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 46 kW |
| | Justification for New Transmitter | See attached Main Transmitter Selection Info document; existing transmitter incapable of operation below channel 40 |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | | |

| | | |
|--|---|--|
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | 480:400V step-down transformer, primary AC wiring to transmitter cabinets, and power /control wiring to ancillary components |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 10 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

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

Antennas

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

**Auxiliary
Antenna****Add Antenna Information**

| Section | Question | Response |
|--|--|--|
| Existing Antenna Description | Type of change | Retune Existing |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | During maintenance /failure of main unit or when reduced power required for RFE protection on tower |
| | Ownership | Leased |
| | Owner | American Tower |
| | Site | N/A |
| | Is this antenna currently shared with any other stations? | Yes |
| | Is this antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 6 |

| | |
|--|--------------|
| Number of Panels | 80 |
| Design power capacity in use | 42.0 % |
| Lower Limit | 470.00 MHz |
| Upper Limit | 860.00 MHz |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 340.0 kW |
| Manufacturer | RFS |
| Model | PHO80U22211E |
| Year | 2002 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 12895 | KETH-TV |
| 17746 | KBPX-LD |
| 24436 | KLTJ |
| 58835 | KPXB-TV |
| 60537 | KFTH-DT |

**Auxiliary
Antenna**

Adjustment to Existing Antenna

| Section | Question | Response |
|---------------------------------------|---|----------|
| Sweep Test of Existing Antenna | Do you need a sweep test of existing antenna? | No |

**Auxiliary
Antenna**

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|--|----------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |

| | |
|-----------------------------------|-------------------|
| Type | Additional Module |
| Number of channels supported | 1 |
| Frequencies of channels supported | RF channel |
| Frequency | N/A |

Enter a list of RF channel numbers.

RF Channel Number

30

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (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? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted 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 | ATW27H4- ETCL-45H |
| Year | 2000 |

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | ATW26H4-ETCX3-30H |
| Year | 2018 |
| Justification for New Antenna | Existing antenna has single-channel bandwidth and is not usable on new channel. |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|----------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 8 3/16 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |

| | | |
|-------------------|--|-----|
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |
|-------------------|--|-----|

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

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 | Andrew |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 2094 feet per run |

Primary Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|-----------------|--|
| Line Sweep Test | Determine if existing line is suitable for new channel |

Auxiliary Transmission Line

Add Transmission Line

| Section | Question | Response |
|--|--|---|
| Existing Transmission Line Description | Type of change | Utilize Existing |
| | Use | Auxiliary (Backup) |
| | Description of Use | During maintenance /failure of main unit or when reduced power required for RFE protection on tower |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmission currently shared with any other stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | Andrew |
| | Type | Rigid |
| | Diameter | 3 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |

| | |
|-------------------------|------------------|
| Number of parallel runs | 1 |
| Length | 150 feet per run |

Auxiliary Transmission Line **Other Transmission Line Expenses Not Listed**
Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

| Section | Question | Response |
|---|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | Candelabra |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1059622 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 29° 33' 45.2" N- |
| | Longitude (NAD83) | 095° 30' 35.9" W- |
| | Overall Structure Height | 1974.06 feet |
| | Support Structure Height | 1844.14 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 74.15 feet |
| | | |

| | |
|------------------|---|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | American Towers, LLC. |
| Date Constructed | 08/30/2000 |

**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 |
|-------------|-----------|---------|
| 28324 | KTBU | DTV |
| 31870 | KYAZ | DTV |
| 51569 | KTXH | DTV |
| 69531 | KZJL | DTV |
| 9625 | KQBT | FM |
| 11969 | KBXX | FM |
| 11971 | KMJQ | FM |
| 13200 | KUVM-CD | DTV |
| 22204 | KRIV | DTV |

Other Types of Users

| Users |
|---------|
| KUVM-LD |
| KHLM-LD |
| KCHV-LD |
| K236AR |

K227BD

K273CW

**Primary
Tower**

Tower Modification Costs

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

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

| Name | Description |
|------------------------------|---|
| Access Road Repair | The cost associated damage to the access road, driveway caused by trenching (electrical and foundation installations) and equipment mobilization |
| Fencing | The removal and installation of existing fencing in compound area where the construction and additional equipment is being installed, some of the fencing will require replacement and reconfiguration once all repack construction is completed. |
| Tower Permit Drawing Package | Basic drawing package for municipality permitting. |

| | |
|----------------|--|
| Grading | Cost of preparation and staging of hoists and equipment on the soft soil area around tower site. Due to the heavy weights of the equipment needed to perform the antenna gin pole removals/Installation, the equipment may sink in soft soil conditions. |
|----------------|--|

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|--|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 520 |
| | Explanation | Univision stations are only staffed for daily station operations and minor equipment changes, major projects are contracted out externally. The large volume of work associated with repack schedule requires using external project management resources. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |

| | | |
|---|--|-----|
| | Prepare request for Special Temporary Authority | No |
| | Quantity | N/A |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | 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 | Yes |
| | 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 | Yes |
| RF Field Engineering 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 |

Outside Professional

Other Professional Services Expenses Not Listed

| Services Costs | Description |
|---------------------------|--|
| American Tower PM Fee | Project management fee for the transition of broadcasters. Scheduling and management of the timelines and schedules occurring during the repack. |
| Migratory Bird Assesment | Assessment and permitting of impact to bird migration |
| Tower Construction PM Fee | Tower Modification Project Mgmt |
| Auxiliary Site RF PM | RF Project Management for reconfiguration of broadband antenna combiner modules |

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| Facility Expenses | Name | N/A |
| | Other Distributed Transmission System 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 | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | Yes |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | No |
| Other Miscellaneous Expenses | 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? | No |
| | Does this relocation require Equipment Storage? | No |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | No |
| | Does this relocation require MVPD Notification of a Channel Change? | No |

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|---------------------------------|---|
| Tower Lessor Administration Fee | Tower lessor's fee for administration of station's changes and lease modification |

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 |
|---|-----------------------------|---------------------|---|---------------|---------------------------|
| Primary Transmitter THU9-30evo | \$1,535,900.00 | \$986,025.00 | | \$0.00 | |
| 10 Ton system | \$38,900.00 | \$12,025.00 | Relocation of existing outdoor condenser unit only | N/A | N/A |
| Other Electrical Service: 480: 400V step-down transformer, primary AC wiring to transmitter cabinets, and power /control wiring to ancillary components | <i>\$24,000.00</i> | \$24,000.00 | Please see the attached Electrical Distribution Cost document & attached estimate for an identical baseline transmitter installation. | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$950,000.00 | N/A | N/A | N/A |
| Auxiliary Transmitter THU9-6evo | \$506,100.00 | \$271,600.00 | | \$0.00 | |

| | | | | | |
|---|--------------------|----------------|---|------------|-----|
| Other Electrical Service: 480: 400V transformer and distribution wiring to feed new transmitter | \$11,600.00 | \$11,600.00 | Please see the attached Electrical Distribution Cost document & estimate for an identical transmitter installation; travel & Bird load expenses excluded & 8.25% sales tax added. | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00 | \$260,000.00 | See attached KXLN Aux Transmitter Selection Info document for derivation of required transmitter power and transmitter selection criteria | N/A | N/A |
| Sub-total | \$2,042,000.00 | \$1,257,625.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

Information not provided.

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|---|---------------|---------------------------|
| Primary Antenna ATW26H4-ETCX3-30H | \$311,480.00 | \$280,900.00 | | \$0.00 | |
| Elbow complex, single channel, at antenna input, per 8 3 /16. feedline (if needed) | \$15,250.00 | \$14,500.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$260,000.00 | N/A | N/A | N/A |
| Auxiliary Antenna PHO80U22211E | \$90,930.00 | \$118,177.00 | | \$0.00 | |
| Adding a module to existing combiner (without antenna) | \$84,200.00 | \$111,777.00 | Per line(s)# 95 and 110 of American Tower Missouri City auxiliary site implementation proposal. | N/A | N/A |

| | | | | | |
|---|----------------|----------------|---------------------------|------------|-----|
| UHF - High Power Top Mount Six Station broadband panel antenna horizontally polarized | \$0.00 | \$0.00 | No modification required. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$402,410.00 | \$399,077.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

Information not provided.

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|-----------------------------|-----------------------------|----------------|---|-------------|---------------------------|
| Primary Transmission Line | \$4,150.00 | \$4,150.00 | | \$4,150.00 | |
| Line Sweep Test | <i>\$4,150.00</i> | \$4,150.00 | Test line to determine if replacement required. Quote attached. | \$4,150.00 | N/A |
| Auxiliary Transmission Line | \$0.00 | \$0.00 | | \$0.00 | |
| Sub-total | \$4,150.00 | \$4,150.00 | N/A | \$4,150.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

| Actual Information Description | File Name |
|--------------------------------|--|
| Line Sweep Test | Component Description: Line Sweep Test Amount: \$4,150.00 |

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|------------------------------|-----------------------------|----------------|---|-------------|---------------------------|
| Primary Tower GTOWER | \$613,775.00 | \$485,863.00 | | \$0.00 | |
| Grading | <i>\$1,000.00</i> | \$1,000.00 | See attached American Tower cost estimate for KXLN primary site, ATC site# 30285, line (s) # 217. | N/A | N/A |
| Tower Permit Drawing Package | <i>\$9,400.00</i> | \$9,400.00 | Engineering drawings for KXLN primary tower per line(s)# 167, 168 of attached American Tower cost estimate for ATC site# 30285. | N/A | N/A |
| Access Road Repair | <i>\$2,500.00</i> | \$2,500.00 | See attached American Tower cost estimate for KXLN primary tower ATC site# 30285 line(s)# 221. | N/A | N/A |

| | | | | | |
|---|-------------------|----------------|---|------------|-----|
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00 | \$11,088.00 | N/A | N/A | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | N/A | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$60,000.00 | N/A | N/A | N/A |
| Fencing | \$1,875.00 | \$1,875.00 | See attached cost estimate for KXLN primary tower, American tower site# 30285 line (s) # 216. | N/A | N/A |
| Sub-total | \$613,775.00 | \$485,863.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

Information not provided.

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--------------------------------------|-----------------------------|---------------------|---|---------------|---------------------------|
| Outside Professional Services | \$176,604.00 | \$143,309.00 | | \$0.00 | |
| Auxiliary Site RF PM | <i>\$16,791.00</i> | \$16,791.00 | Pro-rata pass-thru share, per attached ATC Missouri City 282638 cost estimate spreadsheet, line 224. | N/A | N/A |
| Tower Construction PM Fee | <i>\$7,500.00</i> | \$7,500.00 | See attached American Tower cost estimate for KXLN primary tower site, ATC site# 30285 line(s)# 170. | N/A | N/A |
| Migratory Bird Assessment | <i>\$438.00</i> | \$438.00 | Migratory bird impact assessment for KXLN primary tower per line(s)# 193 of attached American Tower cost estimate for ATC site# 30285 | N/A | N/A |

| | | | | | |
|--|-------------------|------------|---|-----|-----|
| American Tower PM Fee | \$9,480.00 | \$9,480.00 | See attached American Tower cost estimate for KXLN primary site, ATC site# 30285, line(s) #174. | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$3,750.00 | RF Exposure measurements for KXLN primary tower per line(s)# 190 of attached American Tower cost estimate for ATC site# 30285 | N/A | N/A |
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$1,350.00 | 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 | \$2,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|------------|------------|-----|-----|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$2,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|--|------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$5,000.00 | American Tower configuration planning fee, see attached ATC cost estimates for KXLN auxiliary site, ATC site #30285, line (s) #177. | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$82,160.00 | \$78,000.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$3,750.00 | ATC coordination meeting fees for KXLN primary tower per line(s)# 175, 192 of attached American Tower cost estimate for ATC site# 30285. | N/A | N/A |
| Sub-total | \$176,604.00 | \$143,309.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

Information not provided.

Cost
Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|--|-------------|---------------------------|
| Other Expenses | \$79,930.00 | \$78,330.00 | | \$0.00 | |
| Tower Lessor Administration Fee | <i>\$18,960.00</i> | \$18,960.00 | Two sites, \$9,480 per site per attached ATC price list. | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$10,000.00 | 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 |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |

| | | | | | |
|--|--------------------|----------------|---|------------|-----|
| Non-zoning permits | \$2,500.00 | \$2,500.00 | Building permit costs per attached cost estimate for KXLN auxiliary site #282638 line(s) # 202 and KXLN primary site #30285 line(s) 202, 203. | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$45,475.00 | \$45,475.00 | Main & auxiliary transmitter disposal, Rohde & Schwarz quotes attached | N/A | N/A |
| Sub-total | \$79,930.00 | \$78,330.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,318,869.00 | \$2,368,354.00 | N/A | \$4,150.00 | N/A |

Components

Information not provided.

| Cost Information | Grand Total | | |
|---------------------|--------------------------------|----------------|----------------|
| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$3,318,869.00 | \$2,368,354.00 |
| | | | \$4,150.00 |

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | 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. | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

| | |
|---|--|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>CHRISTOPHER G. WOOD SVP ASSOC GEN COUN GOV AND REG AFF</p> <p>04/30/2018</p> |

Attachments