



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **68549** | Service: **DCA** | Call **WOHL-CD** | Channel: **15 (UHF)**
ID: | Sign:
File **0000028557**
Number:
FRN: **0018282269** | Date **08/15**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|-------------------|------------------|----------------|
| WEST CENTRAL OHIO BROADCASTING, INC. | Fred Vobbe 1424 RICE AVENUE LIMA, OH 45805 United States | +1 (419) 228-8835 | fvoebbe@wllo.com | Corporation |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|--|-------------------|------------------|
| Frederick R Vobbe <i>VP and Chief Operator</i> <i>West Central Ohio Broadcasting, Inc.</i> | Frederick R Vobbe 1424 Rice Avenue Lima, OH 45805 United States | +1 (419) 228-8835 | fvoebbe@wllo.com |

**Broadcaster
Information
and
Transition
Plan**

| Question | Response |
|--|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No |
| Briefly describe transition plan | WOHL-CD will require a new transmitter site as the present tower failed structural analysis. The FCC has before them WOHL's Request for Waiver of Initial Construction Permit Filing Deadline, granted 7/12/17. |

Transmitters

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

**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 | LU500BTD |
| | Year | 2009 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | .5 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 | ULXTE-16 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 6.58 kW |
| | Justification for New Transmitter | WOHL's present transmitter can not make the TPO needed for 100% replication of service contour. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 500 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |

| | | |
|--|---|---------------------|
| | Length | 100.0 feet |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Heating and Cooling |
| | Size | 20 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 1600.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Primary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|----------------------------------|--|
| Installation and Proof | Installation of Transmitter system |
| Shipping Expense | Shipping expense for transmitter |
| Remote ControlSystem | Remote Control System |
| Generator | Generator plus Installation and supporting construction within new transmitter site. |
| State and local sales tax | State and Local sales tax |
| Electrical | Parallel Surge Supressor and a 75 Kva Transformer three phase 480vDelta Primary |

New Transmitter Site

WOHL-CD will need to move from the present transmitter site to a new site. A building to house the transmitter will be required.

Antennas

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

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? | No |
| Existing Antenna Manufacturer and Type | Class | Class A |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | 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) | 9.0 kW |
| | | |

| | |
|--------------|----------|
| Manufacturer | |
| Model | TFU-30JA |
| Year | 1986 |

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? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Class A |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Circular |
| | 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) | 11.5 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | ATW6H3-CTO-15H |
| Year | 2017 |
| Justification for New Antenna | WOHL-CD will move to a new tower site due to structural issues on the present tower. New antenna is circular polarized, difference of \$15,500 from the cost of a horizontally polarized antenna. |

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 | 3 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Primary Antenna

Other Antenna Cost Not Listed

| Name | Description |
|------------------------------|---|
| RF Switch | RF switch to change transmitter from antenna to dummy load for testing. |
| Custom Antenna Mounts | Custom top mounts |
| Shipping cost | Shipping cost |

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 | Purchase New |
| | 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 | |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 560 feet per run |

**Primary
Transmission Line**

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | 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 | 650 feet per run |
| | Justification for New Transmission Line | WOHL-CD will move to a new transmitter site because of structural problems with present tower. |

**Primary
Transmission Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|--------------------|---|
| Gas Barrier | Transmission line will need to be pressurized from antenna to bldg. |

| | |
|-------------------|---|
| Ice Bridge | Transmission line will need to be supported between tower and building and protected from ice fall. |
|-------------------|---|

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 | Construct New |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1014519 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 40° 44' 51.2" N- |
| | Longitude (NAD83) | 084° 07' 54.3" W- |
| | Overall Structure Height | 548.88 feet |
| | Support Structure Height | 499.99 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 870.07 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |

| | | |
|--|------------------|---------------------------------------|
| | Tower Owner | LIMA COMMUNICATIONS CORPORATION |
| | Date Constructed | 12/01/2004 |

**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 |
|-------------|-----------|---------|
| 37503 | WLIO | DTV |

Primary
Tower

Tower Construction Costs

| Section | Question | Response |
|---------------------|---|--|
| Construct New Tower | Use | Primary (Main) |
| | Description of Use | N/A |
| | Is this a request for upgraded equipment? | Yes |
| | Height | 538.50 feet |
| | Justification for New Tower | WOHL-CD is moving to a new tower, and site. The present tower did not pass analysis. There is no land at present location to build new tower, which is in urban /residential area. |

Primary
Tower

Tower Rigging Costs

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

Primary
Tower

Other Tower Expenses Not Listed

| Name | Description |
|------|-------------|
|------|-------------|

| | |
|--------------------------------------|--|
| Ground System | Upgraded ground system, 100' x 100' to prevent lightning damage. |
| Studio Tower Modifications | Studio Tower modifications necessary as part of WOHL repack and new tower construction. |
| Tower Structure Analysis | Structure analysis of existing tower |
| Shipping cost | Shipping cost |
| STL Antenna-Installation cost | WOHL-CD will require an STL to feed programming to and to control the transmitter. A TSL is needed to return News ENG program streams along with metering and status data from transmitter, and security monitoring. |

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|---|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 1000 |
| | Explanation | WOHL will move to a new location, and build a new tower. To obtain replication of coverage, the station will have to undergo comprehensive engineering and legal analysis, and testing during the construction. |
| 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 | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | | |

| | | |
|---|--|-----|
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | Yes |
| | Environmental Assessment | Yes |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | 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 | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside
Professional

Other Professional Services Expenses Not Listed

Services Costs

| Name | Description |
|---------------------------------|---|
| Attorney Fees and Other Matters | Legal Counsel |
| Construction Site Project MGMT | The Lathrop Company project management |
| Microwave License Study | The STL will require a path study for coordination of license. |
| Public Utility Analysis | Transmitter site must have proper power and telco services at new site. |
| RF Consultant D. Everist | RF Consultant that files engineering studies on behalf of WOHL-CD |
| Site Survey | Location site survey |

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 | Yes |
| | Non-zoning permits | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | Yes |
| 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? | Yes |
| | Does this relocation require Equipment Storage? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|-------------------------------------|---|
| Field Strength Tests | WOHL will conduct field signal tests on present channel, and repacked channel to make sure signal meets service contour. |
| Generator | WOHL's transmitter presently shares a generator with the studios and offices of WOHL. The move would leave WOHL without backup power in an emergency. |
| IP Switch for STL-TSL system | Switch control for the transmitter |
| Microwave Receive Site ENG | WOHL will need to construct q new ENG Microwave Receive system and place it in service before the old site can be decommissioned due to public and network commitments to news. |
| STL-TSL system | 6/7 Ghz microwave receive transmitter, receiver, antennas and transmission lines to link the studio the new transmitter site |
| Translator | Fill in for coverage lost on move. |
| ENG Microwave System | Cables and TX Lines for microwave system |

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 Justification |
|---|-----------------------------|-----------------------|--|-----------------------|----------------------|
| Primary Transmitter ULXTE-16 | \$2,608,933.45 | \$2,574,129.14 | | \$2,157,823.83 | |
| New Transmitter Site | <i>\$1,022,821.10</i> | \$1,022,821.10 | Purchase price of land for new transmitter site. See Settlement Statement. | \$855,154.75 | N |
| Electrical | <i>\$4,226.38</i> | \$4,226.38 | N/A | \$2,894.15 | N |
| State and local sales tax | <i>\$31,743.86</i> | \$31,743.86 | N/A | \$0.00 | N |
| Generator | <i>\$216,712.83</i> | \$216,712.83 | Please see attached RA Flynn Quote & Graybar Invoices | \$216,149.85 | inv |
| Remote Control System | <i>\$9,190.50</i> | \$9,190.50 | N/A | \$3,332.11 | N |
| Shipping Expense | <i>\$5,400.00</i> | \$5,400.00 | N/A | \$0.00 | N |
| Installation and Proof | <i>\$35,688.33</i> | \$35,688.33 | GatesAir Invoice TE10004511-2 | \$35,688.33 | |
| Other -- Building Addition Size: 1600.0 | <i>\$734,965.87</i> | \$734,965.87 | Please see attached RA Flynn Quote and RA Flynn Change orders 84503, 84504, 84845, 84846 and 85328 for BLDG addition costs (less HVAC and Generator Costs); KEI Estimate #18-8020; Frank V Razinger PE, LLC 1478, Elwer Fence 2190416, 2190417, 219041 | \$712,521.29 | N |

| | | | | | |
|---|---------------------|----------------|--|----------------|---|
| 20 Ton system | \$115,500.00 | \$118,628.00 | Please see attached RA Flynn Quote | \$109,661.56 | N |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,750.00 | N/A | \$0.00 | N |
| Transformer 3 phase/480v - 500 KVA | \$48,400.00 | \$14,017.69 | Please see American Electric Power Contract No DWMS00000451497 and Purchase Order 8952 | \$14,017.69 | N |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,000.00 | N/A | \$0.00 | N |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,500.00 | N/A | \$0.00 | N |
| UHF - Liquid Cooled Solid State Transmitter 6.58 kW | \$326,484.58 | \$326,484.58 | N/A | \$208,404.10 | N |
| Sub-total | \$2,608,933.45 | \$2,574,129.14 | N/A | \$2,157,823.83 | N |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N |

Components

| Actual Information | |
|----------------------|---|
| Description | File Name |
| New Transmitter Site | <p>Component Description: Settlement Statement for New Transmitter site</p> <p>Amount: \$855,154.75</p> |

| | | | |
|---------------------------|-------------------------------|--|---|
| Electrical | Component Description: | | PS 200 EH 20 PGAL Allied Tube & Conduit Hole Chnl |
| | Amount: | | \$499.72 |
| | Component Description: | | HBL5266CA HUBBELL WIRING DEVICES |
| | Amount: | | \$90.43 |
| | Component Description: | | Copper Strap. 4in. x .032in. x 100ft. |
| | Amount: | | \$2,304.00 |
| State and local sales tax | Information not provided. | | |
| Generator | Component Description: | | WOHL Transmitter Site Electrical Work |
| | Amount: | | \$54,296.83 |
| | Component Description: | | WOHL-110-1st Primary Transmitter - Generator |
| | Amount: | | \$151,615.75 |
| | Component Description: | | LD10EI6-A PANDUIT CORP |
| | Amount: | | \$25.55 |
| | Component Description: | | THHN-8-STR-GRN- CUT REEL GENERIC VENDOR WIRE- WYRPA |
| | Amount: | | \$26.13 |

| | | |
|----------------------|-------------------------------|--|
| | Component Description: | CF54/100EZ CABLOFIL INC |
| | Amount: | \$736.53 |
| | Component Description: | LD5EI6-A PANDUIT CORP |
| | Amount: | \$13.70 |
| | Component Description: | LD5IG6-A PANDUIT CORP |
| | Amount: | \$161.70 |
| | Component Description: | WOHL-110-1st Primary Transmitter - Other Electrical Costs Not Listed - Generator |
| | Amount: | \$9,324.25 |
| | Component Description: | KA4C BURNDY LLC |
| | Amount: | \$401.28 |
| | Component Description: | 502 ABB INSTALLATION PRODUCTS INC |
| | Amount: | \$111.11 |
| Remote ControlSystem | Component Description: | Burk Line Voltage Sensor |
| | Amount: | \$3,332.11 |
| Shipping Expense | Information not provided. | |

| | |
|-------------------------------|--|
| Component Description: | "CHANGE ORDER #4 - MATERIAL AND LABOR TO EXTEND ALL WALLS TO BOTTOM OR ROOF DECK AND ADD 16"" OF ADDITIONAL BUILDING HEIGHT" |
| Amount: | \$7,698.00 |

| | |
|-------------------------------|--|
| Component Description: | Replace posts damaged by the excavation crew |
| Amount: | \$179.49 |

| | |
|-------------------------------|------------------------------------|
| Component Description: | 6th draw for material and labor |
| Amount: | \$7,818.50 |

| | |
|-------------------------------|--------------------|
| Component Description: | Material and Labor |
| Amount: | \$162,890.47 |

| | |
|-------------------------------|--|
| Component Description: | Mitel 5000 License IP Phone Category D |
| Amount: | \$708.71 |

| | |
|-------------------------------|---|
| Component Description: | 4TH DRAW FOR MATERIAL AND LABOR FOR |
| Amount: | \$111,278.90 |

| | |
|-------------------------------|--|
| Component Description: | Drafting & Associate Services, Engineering Services, Credit Payment |
| Amount: | \$21,708.00 |
| Component Description: | 1st draw for new transmitter building |
| Amount: | \$138,909.00 |
| Component Description: | HVAC, Plumbing |
| Amount: | \$53,299.75 |
| Component Description: | 5TH DRAW FOR LABOR AND MATERIAL |
| Amount: | \$49,400.00 |
| Component Description: | CHANGE ORDER #3 - 14' X 23' X 8' SLAB ON GRADE WITH 4" REBAR |
| Amount: | \$4,353.00 |
| Component Description: | Change order #1 - Add two course of block to top of building for more interior clearance under bar joint. |
| Amount: | \$3,188.50 |
| Component Description: | 444PC Mech |
| Amount: | \$720.55 |

| | |
|-------------------------------|--|
| Component Description: | Install chain link fence under the canopy in the area of the generator |
| Amount: | \$736.58 |

| | |
|-------------------------------|------------------|
| Component Description: | Special Cleaning |
| Amount: | \$266.88 |

| | |
|-------------------------------|---|
| Component Description: | Install chain link fence around the tower anchors |
| Amount: | \$14,891.63 |

| | |
|-------------------------------|---|
| Component Description: | change order #2 develop stone roadways from new building to three guy wire foundation locations. |
| Amount: | \$13,423.61 |

| | |
|-------------------------------|---|
| Component Description: | 3rd draw for materials and labor for new transmitter building |
| Amount: | \$131,234.90 |

| | |
|--|---|
| 20 Ton system | Component Description: WOHL-110-1st Primary Transmitter - 20 Ton System Amount: \$19,000.00 |
| | Component Description: WOHL-110-1st Primary Transmitter - 20 Ton System Amount: \$5,700.00 |
| | Component Description: WOHL Heat exchanger pipe guard and filter rack Amount: \$2,276.79 |
| | Component Description: WOHL-110-1st Primary Transmitter - 20 Ton System Amount: \$38,000.00 |
| | Component Description: WOHL-110-1st Primary Transmitter - 20 Ton System Amount: \$44,684.77 |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Transformer 3 phase/480v - 500 KVA | Component Description: Install #2 AL 3 Phase UG primary and 500 KVA 120 /208V padmount transformer Amount: \$14,017.69 |
| Switchgear - industrial 800 amp | Information not provided. |
| Service entrance 3 phase /800 amp/208 volt | Information not provided. |

UHF - Liquid Cooled Solid
State Transmitter 6.58 kW

Component Description: 1/3 down payment
Amount: \$55,995.63

Component Description: CF54/100EZ
CABLOFIL INC 2IN
X 4IN CABLE
TRAY ZINC
Amount: \$91.18

Component Description: 33% ULXTE-6
Transmitter
Amount: \$64,426.74

Component Description: FASPCH150PG
CABLOFIL INC 6
IN FAS CENTER
HANGER PRE-
GALVANIZED
Amount: \$92.65

Component Description: ULXTE-6
Transmitter
Amount: \$87,797.90

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 ATW6H3-CTO-15H | \$214,243.90 | \$213,985.77 | | \$190,664.69 | |
| UHF - Lower Power, Top Mount, Class A, basic slot antenna, 12 kW input, elliptically or circularly polarized | <i>\$184,143.75</i> | \$184,143.75 | Upgraded Antenna. Baseline quote of \$175,500.00 plus 6.75% tax (\$11,643.75). | \$175,462.67 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,671.87 | ERI Invoice WOHL-004B | \$6,046.87 | N/A |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | \$7,600.00 | \$7,400.00 | N/A | \$0.00 | N/A |
| Shipping cost | <i>\$2,963.65</i> | \$2,963.65 | N/A | \$2,963.65 | N/A |
| Custom Antenna Mounts | <i>\$6,191.50</i> | \$6,191.50 | N/A | \$6,191.50 | N/A |

| | | | | | |
|------------------------------|-------------------|----------------|-----|----------------|-----|
| RF Switch | \$6,615.00 | \$6,615.00 | N/A | \$0.00 | N/A |
| Sub-total | \$214,243.90 | \$213,985.77 | N/A | \$190,664.69 | N/A |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N/A |

Components

| Actual Information | |
|--|-------------------------------|
| Description | File Name |
| UHF - Lower Power, Top Mount, Class A, basic slot antenna, 12 kW input, elliptically or circularly polarized | Component Description: |
| | 30% payment |
| | Trasar & |
| | Transmission Line |
| | System |
| | Amount: \$54,345.00 |
| | Component Description: |
| | 30% payment |
| | Trasar & |
| | Transmission Line |
| | System |
| | Amount: \$66,772.67 |
| | Component Description: |
| | 30% payment |
| | Trasar & |
| | Transmission Line |
| | System |
| | Amount: \$54,345.00 |

| | | | |
|--|-------------------------------|--|---|
| Sweep test of existing antenna | Component Description: | | WOHL-210- Primary Antenna - Sweep Test |
| | Amount: | | \$1,875.00 |
| | Component Description: | | WOHL-210- Primary Antenna - Sweep Test |
| | Amount: | | \$2,296.87 |
| | Component Description: | | WOHL-210- Primary Antenna - Sweep Test |
| | Amount: | | \$1,875.00 |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | Information not provided. | | |
| Shipping cost | Component Description: | | WOHL-210- Primary Antenna - Shipping Cost |
| | Amount: | | \$2,963.65 |
| Custom Antenna Mounts | Component Description: | | Custom Eng Antenna Mounts |
| | Amount: | | \$3,095.75 |
| | Component Description: | | Custom Eng Antenna Mounts |
| | Amount: | | \$3,095.75 |
| RF Switch | 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 | \$213,167.59 | \$213,656.04 | | \$156,682.19 | |
| Rigid Transmission Line - copper, 3 1/8" | \$67,600.00 | \$68,088.45 | See Estimated Cost Justification WOHL-310-Primary Transmission Line - 3 1-8 Rigid Copper v0 | \$71,048.73 | . |
| Ice Bridge | <i>\$144,360.59</i> | \$144,360.59 | see Estimated Cost Justification WOHL-310-Primary Transmission Line - Ice Bridge v0 | \$85,633.46 | N/A |
| Gas Barrier | <i>\$1,207.00</i> | \$1,207.00 | N/A | \$0.00 | N/A |
| Sub-total | \$213,167.59 | \$213,656.04 | N/A | \$156,682.19 | N/A |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| Rigid Transmission Line - copper, 3 1/8" | Component Description: Elbows Amount: \$767.32 |

| | |
|-------------------------------|--------------------------------|
| Component Description: | Wall Entry Boots & Hardware |
| Amount: | \$284.33 |

| | |
|-------------------------------|--|
| Component Description: | WOHL-310-Primary Transmission Line - 3 1/8" Rigid Copper |
| Amount: | \$17,400.29 |

| | |
|-------------------------------|---|
| Component Description: | MODIFY PORT PANEL PER INSTRUCTION |
| Amount: | \$533.75 |

| | |
|-------------------------------|--|
| Component Description: | WOHL-310-Primary Transmission Line - 3 1/8" Rigid Copper |
| Amount: | \$17,400.29 |

| | |
|-------------------------------|--|
| Component Description: | WOHL-310-Primary Transmission Line - 3 1/8" Rigid Copper |
| Amount: | \$21,666.11 |

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|-------------------------------|---|
| Component Description: | LABOR CHARGES TO DRILL HOLES FOR BRACKETS |
| Amount: | \$6,832.00 |

| | |
|-------------------------------|---|
| Component Description: | Digital Watchman Power Monitor /Alarm |
| Amount: | \$2,960.28 |

| | |
|-------------------------------|---|
| Component Description: | FABRICATE AND INSTALL STAND FOR DEHYDRATOR SYSTEM |
| Amount: | \$907.38 |

| | |
|-------------------------------|------------|
| Component Description: | Feed Line |
| Amount: | \$1,189.57 |

| | |
|-------------------------------|----------|
| Component Description: | Elbows |
| Amount: | \$663.00 |

| | |
|-------------------------------|---|
| Component Description: | Feed thru assembly- wall/roof 3-1/8" RL |
| Amount: | \$444.41 |

| | | | |
|-------------|-------------------------------|--|--|
| Ice Bridge | Component Description: | | LABOR TO MOBILIZE TO SITE, INSTALLED TOWER BASE |
| | Amount: | | \$4,216.63 |
| | Component Description: | | Extension to ice bridge for Dish /DirecTV |
| | Amount: | | \$1,387.75 |
| | Component Description: | | Final draw for PO 8889, fabrication and installation complete |
| | Amount: | | \$36,028.12 |
| | Component Description: | | 2nd draw fabrication completed p.o.# 8889 |
| | Amount: | | \$36,028.12 |
| | Component Description: | | Fabricate and install aluminum entry frame |
| | Amount: | | \$7,972.84 |
| | | | |
| | | | |
| Gas Barrier | Information not provided. | | |

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|---|--------------|---------------------------|
| Primary Tower TOWER | \$0.00 | \$0.00 | | \$0.00 | |
| Primary Tower | \$1,698,732.66 | \$1,532,797.66 | | \$928,025.94 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$255,065.00 | N/A | \$7,932.84 | N/A |
| Ground System | <i>\$23,420.00</i> | \$23,420.00 | Additional ground, 120 radials, buried 24", 100' due to history of electrical storms in region. | \$10,046.75 | N/A |
| Studio Tower Modifications | <i>\$276,083.00</i> | \$276,083.00 | Please see ERI Proposal 20181012-548 Rev B | \$0.00 | N/A |
| Tower Structure Analysis | <i>\$20,300.00</i> | \$20,300.00 | Please see Malouf invoices 1705093VO, 1705093V1, 1705093VOA, 1805093VO, and 1805093V1 | \$12,500.00 | N/A |

| | | | | | |
|-------------------------------|---------------------|----------------|---|----------------|-----|
| Shipping cost | \$5,387.30 | \$5,387.30 | N/A | \$0.00 | N/A |
| STL Antenna-Installation cost | \$11,000.00 | \$11,000.00 | N/A | \$0.00 | N/A |
| New tower | \$941,542.36 | \$941,542.36 | Please see attached Purchase Order 8866 | \$897,546.35 | N/A |
| Sub-total | \$1,698,732.66 | \$1,532,797.66 | N/A | \$928,025.94 | N/A |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N/A |

Components

| Actual Information | |
|--------------------|-----------|
| Description | File Name |

| | | |
|---|-------------------------------|--|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | | |
| | Component Description: | Antenna mount modification for DirecTV and Dish network |
| | Amount: | \$213.50 |
| | | |
| | Component Description: | Ground block modification for 4 point grounding at base of tower |
| | Amount: | \$416.33 |
| | | |
| | Component Description: | Material and labor for wiring and installing temporary extension cords |
| | Amount: | \$1,303.01 |
| | | |
| | Component Description: | Material and labor for wiring and installing temporary extension cords for the tower |
| | Amount: | \$1,303.01 |
| | | |
| | Component Description: | Design structural modifications as required by structural analysis results and prepare modification working drawings and Technical Specification Notes |
| | Amount: | \$6,000.00 |

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|----------------------------|---|
| Ground System | Component Description: Material and labor to ground tower Amount: \$1,289.23 |
| | Component Description: Material and labor to ground tower and guide wire bases Amount: \$1,289.23 |
| | Component Description: Total Due Req. No. 1 Amount: \$8,500.00 |
| | Component Description: Interior and exterior ground strap installation Amount: \$8,540.00 |
| | Component Description: 615800 Erico International Corporation GR RODPTDCU Amount: \$217.52 |
| Studio Tower Modifications | Component Description: Studio Tower Modification Amount: \$276,083.00 |

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|-------------------------------|-------------------------------|--|---|
| Tower Structure Analysis | Component Description: | | Perform a Structural Analysis (2 Scenarios) for referenced project. Prepare an Engineering Report. |
| | Amount: | | \$8,000.00 |
| | Component Description: | | Perform a Structural Analysis for referenced project. Prepare an Engineering Report. |
| | Amount: | | \$2,500.00 |
| | Component Description: | | Perform a Structural Analysis (3rd Scenario) for referenced project. Prepare an Engineering Report. |
| | Amount: | | \$2,000.00 |
| Shipping cost | Information not provided. | | |
| STL Antenna-Installation cost | Information not provided. | | |
| New tower | Component Description: | | Install vinyl fence with farm gates per proposal #WLI5I8. |
| | Amount: | | \$4,169.66 |
| | Component Description: | | Professional Services |
| | Amount: | | \$1,989.23 |

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|-------------------------------|-----------------------|
| Component Description: | Professional Services |
| Amount: | \$3,319.87 |

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|-------------------------------|---|
| Component Description: | Material and labor for wiring the tower |
| Amount: | \$3,048.76 |

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|-------------------------------|--------------------|
| Component Description: | Tower with Install |
| Amount: | \$415,458.00 |

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| Component Description: | Tower 538.5' (600' TO H.O.B.) |
| Amount: | \$441,062.30 |

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|-------------------------------|--|
| Component Description: | Material and labor for wiring the tower lights over and above our contract |
| Amount: | \$3,048.76 |

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|-------------------------------|---|
| Component Description: | Work completed to date on installation of vinyl fence per proposal #WLI518. |
| Amount: | \$7,045.50 |

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|-------------------------------|-----------------------|
| Component Description: | Professional Services |
| Amount: | \$424.17 |

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|-------------------------------|-----------------------------|
| Component Description: | ALTA/NSPS Land Title Survey |
| Amount: | \$5,086.00 |

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|-------------------------------|-------------|
| Component Description: | Weather Day |
| Amount: | \$30,331.50 |

| | |
|-------------------------------|--------------------------|
| Component Description: | Professional Services |
| Amount: | \$2,320.86 |

| | |
|-------------------------------|--------------------------|
| Component Description: | Geotechnical Services |
| Amount: | \$4,825.00 |

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|-------------------------------|-----------------|
| Component Description: | Custom Lighting |
| Amount: | \$4,100.00 |

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|-------------------------------|-------------|
| Component Description: | Elwer Fence |
| Amount: | \$4,697.00 |

**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 | \$753,431.17 | \$755,483.17 | | \$321,952.36 | |
| Site Survey | <i>\$7,536.00</i> | \$7,536.00 | Please see the attached invoices from LEWANDOWSKI ENGINEERS, LLC # 16985 and 17313 | \$2,638.00 | N/A |
| RF Consultant D. Everist | <i>\$50,000.00</i> | \$50,000.00 | N/A | \$0.00 | N/A |
| Public Utility Analysis | <i>\$12,500.00</i> | \$12,500.00 | Estimate-American Electric Power, Dominion Gas Company and the City of Lima Water Dept. will not provide quotes until the building plans for the new transmitter building have been submitted for approval. | \$0.00 | N/A |
| Microwave License Study | <i>\$7,150.00</i> | \$7,150.00 | STL Path, and required coordination notifications. Attached quote does not include Comsearch frequency coordination fee. | \$0.00 | N/A |

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|--|---------------------|--------------|--|--------------|-----|
| Construction Site Project MGMT | \$234,750.49 | \$234,750.49 | N/A | N/A | N/A |
| Attorney Fees and Other Matters | \$143,864.68 | \$143,864.68 | see Estimated Cost Justification WOHL-550-Attorney Fees - Other Matters v1 | \$143,864.68 | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | \$0.00 | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | \$1,000.00 | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | \$0.00 | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$10,000.00 | N/A | \$9,574.20 | N/A |
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$23,432.00 | Justifying Invoice - WOHL Terracon TA31840 | \$23,432.00 | N/A |

| | | | | | |
|---|------------|------------|-----|------------|-----|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | N/A | \$1,355.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | \$0.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$4,447.00 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$0.00 | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$1,800.00 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$187.50 | N/A |
| Project management of the transition | \$158,000.00 | \$150,000.00 | N/A | \$133,653.98 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$0.00 | N/A |
| Sub-total | \$753,431.17 | \$755,483.17 | N/A | \$321,952.36 | N/A |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N/A |

Components

Actual Information
Description

File Name

| | |
|---------------------------------|---|
| Site Survey | Component Description: 2017 Crop loss Amount: \$796.00 |
| | Component Description: CAD Tech Amount: \$608.00 |
| | Component Description: Senior Design Engineer, CAD Tech. One-Man, OPS Amount: \$1,842.00 |
| | Component Description: WOHL-550-Attorney - Construction Permit Application (Main) Amount: \$4,335.00 |
| RF Consultant D. Everist | Information not provided. |
| Public Utility Analysis | Information not provided. |
| Microwave License Study | Information not provided. |
| Construction Site Project MGMT | Information not provided. |
| Attorney Fees and Other Matters | Component Description: Professional services Amount: \$2,852.50 |
| | Component Description: For Professional Services Rendered Amount: \$4,772.50 |
| | Component Description: Professional services Amount: \$4,009.50 |
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|-------------------------------|------------------------------------|
| Component Description: | For Professional Services Rendered |
| Amount: | \$390.00 |

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|-------------------------------|-----------------------|
| Component Description: | Professional services |
| Amount: | \$4,283.30 |

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|-------------------------------|--|
| Component Description: | Email with engineering staff re second tranche of repack funding |
| Amount: | \$1,350.00 |

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|-------------------------------|--|
| Component Description: | Conference call and email with local viewer. |
| Amount: | \$4,393.00 |

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|-------------------------------|--|
| Component Description: | Email with station engineers re FCC repack quarterly progress report |
| Amount: | \$4,717.50 |

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|-------------------------------|--|
| Component Description: | Email with station staff re FCC quarterly repack progress report |
| Amount: | \$4,852.50 |

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|-------------------------------|---------------------------------------|
| Component Description: | Review status of regulatory approvals |
| Amount: | \$8,617.50 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Professional services |
| Amount: | \$2,255.00 |

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|-------------------------------|---|
| Component Description: | Email with F. Vobbe re project status and timing re possible phase waiver request |
| Amount: | \$2,700.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | Professional services |
| Amount: | \$626.00 |

| | |
|-------------------------------|---------------------------------------|
| Component Description: | For Professional Services Rendered |
| Amount: | \$1,751.30 |

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|-------------------------------|---|
| Component Description: | Review status of repack project and FAA approval; email with K. Wilkowski re same |
| Amount: | \$42,136.50 |

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|-------------------------------|---------------------------------------|
| Component Description: | For Professional Services Rendered |
| Amount: | \$919.50 |

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|-------------------------------|------------|
| Component Description: | Fees |
| Amount: | \$3,609.50 |

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|-------------------------------|------------|
| Component Description: | Fees |
| Amount: | \$2,347.50 |

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|-------------------------------|---|
| Component Description: | Email with F. Vobbe re repack reimbursement |
| Amount: | \$2,883.00 |

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|--|-------------------------------|---|
| | Component Description: | Professional Services |
| | Amount: | \$5,484.08 |
| | Component Description: | Email with K. Wilkowski re repack reimbursement issues |
| | Amount: | \$630.00 |
| | Component Description: | Review issues re construction permit extension request |
| | Amount: | \$7,425.50 |
| | Component Description: | Email with K. Wilkowki and station staff re FCC site visits |
| | Amount: | \$2,070.00 |
| | Component Description: | Email with FCC staff re status of tower build |
| | Amount: | \$20,685.00 |
| | Component Description: | For Professional Services Rendered |
| | Amount: | \$8,103.50 |
| Comprehensive coverage verification via field study, if needed | Information not provided. | |

| | | |
|--|---|--|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | <p>Component Description:</p> <p>Amount:</p> | <p>Please accept this invoice for the feasibility study, report, FAA filing</p> <p>\$1,000.00</p> |
| ASR modification (prepare FCC Form 854) | Information not provided. | |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> | <p>Professional Services</p> <p>\$7,324.20</p> <p>Terracon Consultants, Inc. - Miscellaneous</p> <p>\$2,250.00</p> |
| NEPA Section 106 environmental review, if needed | <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> | <p>Tribal Fees</p> <p>\$20,132.00</p> <p>WOHL-590-NEPA Section 106 Environmental Review</p> <p>\$3,300.00</p> |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | <p>Component Description:</p> <p>Amount:</p> | <p>WOHL-550-Attorney - Special Temporary Authorization</p> <p>\$1,355.00</p> |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. | |

| | | | | | | | | | |
|---|--|--------------------------------------|---|-----------------------|-------------------|--------------------------------------|---|-----------------------|-------------------|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="697 100 1114 324"> <p>Component Description:</p> </td><td data-bbox="1114 100 1428 324"> <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> </td></tr> <tr> <td data-bbox="697 324 1114 436"> <p>Amount:</p> </td><td data-bbox="1114 324 1428 436"> <p>\$112.00</p> </td></tr> <tr> <td data-bbox="697 436 1114 660"> <p>Component Description:</p> </td><td data-bbox="1114 436 1428 660"> <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> </td></tr> <tr> <td data-bbox="697 660 1114 725"> <p>Amount:</p> </td><td data-bbox="1114 660 1428 725"> <p>\$4,335.00</p> </td></tr> </table> | <p>Component Description:</p> | <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> | <p>Amount:</p> | <p>\$112.00</p> | <p>Component Description:</p> | <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> | <p>Amount:</p> | <p>\$4,335.00</p> |
| <p>Component Description:</p> | <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$112.00</p> | | | | | | | | |
| <p>Component Description:</p> | <p>WOHL-550-Attorney - Construction Permit Application (Main)</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$4,335.00</p> | | | | | | | | |
| <p>Prepare request for Special Temporary Authorization</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td data-bbox="697 1270 1114 1624"> <p>Component Description:</p> </td><td data-bbox="1114 1270 1428 1624"> <p>Perform a Structural Reanalysis for the referenced site(s) for the new scenario. Prepare a Report of Findings.</p> </td></tr> <tr> <td data-bbox="697 1624 1114 1718"> <p>Amount:</p> </td><td data-bbox="1114 1624 1428 1718"> <p>\$1,800.00</p> </td></tr> </table> | <p>Component Description:</p> | <p>Perform a Structural Reanalysis for the referenced site(s) for the new scenario. Prepare a Report of Findings.</p> | <p>Amount:</p> | <p>\$1,800.00</p> | | | | |
| <p>Component Description:</p> | <p>Perform a Structural Reanalysis for the referenced site(s) for the new scenario. Prepare a Report of Findings.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$1,800.00</p> | | | | | | | | |
| <p>Prepare and or review reimbursement form</p> | <table> <tr> <td data-bbox="697 1718 1114 1982"> <p>Component Description:</p> </td><td data-bbox="1114 1718 1428 1982"> <p>WOHL-590-Prepare and/or Review Reimbursement Form</p> </td></tr> <tr> <td data-bbox="697 1982 1114 2085"> <p>Amount:</p> </td><td data-bbox="1114 1982 1428 2085"> <p>\$187.50</p> </td></tr> </table> | <p>Component Description:</p> | <p>WOHL-590-Prepare and/or Review Reimbursement Form</p> | <p>Amount:</p> | <p>\$187.50</p> | | | | |
| <p>Component Description:</p> | <p>WOHL-590-Prepare and/or Review Reimbursement Form</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$187.50</p> | | | | | | | | |
| | | | | | | | | | |

Project management of the transition

| | |
|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$23,428.95 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$14,676.05 |

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| Component Description: | Project Management |
| Amount: | \$20,277.40 |

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| Component Description: | Project Management |
| Amount: | \$582.60 |

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| Component Description: | Project Management |
| Amount: | \$2,745.60 |

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| Component Description: | Project Management |
| Amount: | \$13,490.05 |

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| Component Description: | Project Management |
| Amount: | \$14,446.40 |

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| Component Description: | Project Management |
| Amount: | \$241.75 |

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| Component Description: | Project Management |
| Amount: | \$2,607.90 |

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| Component Description: | Project Management |
| Amount: | \$1,717.75 |

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| Component Description: | Project Management |
| Amount: | \$2,605.05 |

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| Component Description: | Project Management |
| Amount: | \$1,377.05 |

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| Component Description: | Fees |
| Amount: | \$7,666.00 |

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| Component Description: | Project Management |
| Amount: | \$1,548.50 |

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| Component Description: | Project Management |
| Amount: | \$1,267.90 |

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| Component Description: | Project Management |
| Amount: | \$1,809.30 |

| | |
|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$1,856.00 |

| | |
|-------------------------------|--------------------------------------|
| Component Description: | Contractor's Application for Payment |
| Amount: | \$21,309.73 |

| | |
|--|---------------------------|
| Address transition timing and coordination issues w/ other stations and wireless | 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 | \$597,548.78 | \$596,983.78 | | \$193,220.24 | |
| ENG Microwave System | <i>\$29,591.25</i> | \$29,591.25 | see Estimated Cost Justification WOHL-610-ENG Microwave System v.1 | \$8,987.84 | N/A |
| Translator | <i>\$110,541.40</i> | \$110,541.40 | Translator, UHF channel, 15kw, to fill in area lost in coverage due to geographic move of transmitter site, and restriction of overlap of old contour. | \$0.00 | N/A |
| STL-TSL system | <i>\$218,904.91</i> | \$218,904.91 | See Estimated Cost Justification WOHL-610-STL-TSL System v0 | \$166,301.62 | N/A |
| Microwave Receive Site ENG | <i>\$105,924.44</i> | \$105,924.44 | N/A | \$0.00 | N/A |
| Generator | <i>\$35,950.00</i> | \$35,950.00 | Caterpillar 100kw/125kva @ 208/120V diesel generator, and transfer switch. | \$0.00 | N/A |

| | | | | | |
|--|--------------------|-------------|---|-------------|-----|
| Field Strength Tests | \$25,000.00 | \$25,000.00 | Signal measurements made at twelve or more communities comprising WOHL's DMA. | \$10,000.00 | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | \$2,996.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | \$0.00 | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | \$0.00 | N/A |
| Local Zoning | \$10,000.00 | \$10,000.00 | Zoning via township and City of Lima (OH) | \$478.00 | N/A |
| Non-zoning permits | \$7,500.00 | \$7,500.00 | Electrical, plumbing, HVAC, land management, drainage. | \$82.95 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$2,100.00 | \$2,100.00 | Multiple 15yd dumpsters. | \$0.00 | N/A |
| Equipment Delivery and Handling Charges | \$23,582.95 | \$23,582.95 | Shipping for transmitter, antenna, terminal equipment, and specialized equipment. | \$0.00 | N/A |

| | | | | | |
|---|-------------------|----------------|---|----------------|-----|
| Equipment Storage | \$6,000.00 | \$6,000.00 | Power Company | \$0.00 | N/A |
| Develop and air announcement of upcoming channel change | \$5,000.00 | \$5,000.00 | N/A | \$0.00 | N/A |
| MVPD Notification of Channel Change | \$3,452.00 | \$3,452.00 | Notification to 13 cable companies, and 14 MATV businesses. DTVNotification #INV-001772 | \$2,452.00 | N/A |
| IP Switch for STL-TSL system | \$1,921.83 | \$1,921.83 | Per Hearland Video Systems | \$1,921.83 | N/A |
| Sub-total | \$597,548.78 | \$596,983.78 | N/A | \$193,220.24 | N/A |
| Total for all systems | \$6,086,057.55 | \$5,887,035.56 | N/A | \$3,948,369.25 | N/A |

Components

Actual Information

| Description | File Name |
|-------------|-----------|
|-------------|-----------|

| | | |
|----------------------|-------------------------------|---|
| ENG Microwave System | | |
| | Component Description: | Installation of additional ground block as requested by E.R.I. |
| | Amount: | \$400.31 |
| | | |
| | Component Description: | SNAP-IN Hanger EW63 WAVEGUIDE |
| | Amount: | \$8,587.53 |
| Translator | | |
| | Component Description: | ANT, ULTRSCN11, 2/2.5GHZ, NON-CONT, ROTATION CNTRL |
| | Amount: | \$20,603.39 |
| | | |
| | | |
| | | |
| STL-TSL system | Information not provided. | |
| | | |
| | Component Description: | Framed load 10 inputs by 10 outputs 3G HD/SD video |
| | Amount: | \$2,132.98 |
| | | |
| | Component Description: | SAF 13GHz G2 Series Indoor Duplex Very High Power Microwave Link. |
| | Amount: | \$35,010.30 |
| | | |
| | Component Description: | APC SMT1500RM2U 1440 VA 1000 W UPS |
| | Amount: | \$2,328.01 |
| | | |
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| | | |

| | |
|--------------------------------------|---|
| | Component Description: Two SAF 1 0, 7GHz, Indoor, Duplex, High Power Microwave Links. Amount: \$41,996.41 |
| | Component Description: Interference analysis Amount: \$2,775.00 |
| | Component Description: 50% per quoted terms of Original Quote: WISQ46021- 11 Amount: \$36,742.92 |
| | Component Description: 50% per quoted terms of original quote: WISQ55968- 02 Amount: \$45,316.00 |
| | |
| Microwave Receive Site ENG | Information not provided. |
| Generator | Information not provided. |
| Field Strength Tests | Component Description: For professional services rendered Amount: \$10,000.00 |
| DTV Medical Facility Notification | Component Description: DTV Notification Service - Notification of Medical Facilities Amount: \$2,996.00 |

| | |
|--|--|
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| Local Zoning | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Zoning permit</div> <div>\$478.00</div> </div> |
| Non-zoning permits | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Commercial Building Application</div> <div>\$82.95</div> </div> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Equipment Delivery and Handling Charges | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Replace post damaged & removed by the tower crew</div> <div>\$736.58</div> </div> |
| Equipment Storage | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| MVPD Notification of Channel Change | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Notification of Cable and Satellite MVPD Providers of new RF Channel and Transport Stream Parameters on Repack Channel</div> <div>\$2,452.00</div> </div> |

IP Switch for STL-TSL
system

Component Description:

WOHL-610-IP
Switch for STL-TSL
System

Amount:

\$422.90

Component Description:

WOHL-610-IP
Switch for STL-TSL
System

Amount:

\$977.99

Component Description:

Prep & Powder
Coat Side

Amount:

\$520.94

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$6,086,057.55 | \$5,887,035.56 |
| | | | \$3,948,369.25 |

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

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

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

Keith Wilkowski
VP, Legal & Governmental Affairs

08/15/2019

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

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Keith Wilkowski <i>VP, Legal & Governmental Affairs</i></p> <p>08/15/2019</p> |

Attachments