



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **69619** | Service: **DTV** | Call **KBCW** | Channel: **28 (UHF)** |
ID: | Sign:
File **0000027831**
Number:
FRN: **0003742632** | Date **05/18**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SAN FRANCISCO TELEVISION STATION KBCW INC Doing Business As: SAN FRANCISCO TELEVISION STATION KBCW INC	Daniel G. Ryson 1725 DESALES ST NW SUITE 501 WASHINGTON, DC 20036 United States	+1 (202) 457-4505	dryson@cbs.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
Daniel G Ryson <i>Associate Director of Spectrum Management</i> CBS	Daniel G. Ryson 1725 DeSales Street NW Suite 501 Washington, DC 20036 United States	+1 (202) 457-4074	dryson@cbs.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.		Yes
Briefly describe transition plan		Facility located at Sutro Tower has a main elliptically polarized ant and a broadband aux ant. Main antenna replacement requires replacment of structural steel. Post-transition transmitter will be pretuned to the post transition channel

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	Sigma CD
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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-120
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	75.1 kW
	Justification for New Transmitter	GatesAir will not retune IOT transmitters (see Exhibit 1). The minimum capable ULXTE-80 transmitter has less headroom than present (see Exhibit 48), the ULXTE-90 estimated cost establishes reimbursement.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA

	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	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?	Yes
	Size	0.0 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**
Information not provided.

Antennas

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

**Auxiliary
Antenna****Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Alternate /Backup
	Ownership	Leased
	Owner	Sutro Tower, Inc.
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	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	Side Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	5
	Number of Panels	40
	Design power capacity in use	80.0 %

Lower Limit	470.00 MHz
Upper Limit	698.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	500.0 kW
Manufacturer	Dielectric
Model	TUA-C4SP-12/40U-1-S
Year	2007

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

Facility ID	Call Sign
58912	KPJK
35500	KQED
43095	KMTP-TV
51429	KFSF-DT
71586	KCNS

Auxiliary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	5

	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number
34
28
30
32

Auxiliary
Antenna

Other Antenna Cost Not Listed

Name	Description
Core Drill Holes	Drill Holes in Concrete for New Transmission Line Pass Through
Replace Combiner Switches	Remove and Replace Combiner 6-Inch Coaxial Switches.
Upgrade Combiner HVAC - STI-121A	Upgrade Combiner HVAC - STI-121A
Remove Old Combiner Lines	Remove Old Combiner Transmission Line Interconnects
Remove Old Combiner	Remove Old Combiner
Install New Combiner Lines	Install New Combiner Transmission Line Interconnects
Scaffold STI-120A	Scaffold STI-120A
Install New Combiner	Install New Aux Combiner
Fill Holes	Fill Holes in Concrete After Removing Old Combiner Lines.
Combiner Remove and Fill Door STI-121C	Combiner Remove and Fill Door STI-121C
Combiner Direct Access Unit STI-121B	Combiner Direct Access Unit STI-121B

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	Side Mount
	Antenna position in stack	Bottom
	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	TFU-19JSC /VP-R C150SP
Year	2009

**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	Side Mount
	Antenna position in stack	Bottom
	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	TFU-24DSC /VP-R C140 DC
Year	2019
Justification for New Antenna	Current antenna is single-channel, and cannot be retuned to new frequency.

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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side 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	TFU-24WB /VP-R C160
	Year	2019

	Justification for New Antenna	Because existing Auxiliary antenna is much lower and limited to 500 kW ERP, operation would result in extensive coverage loss.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	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

Interim 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

**Auxiliary
Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	When Main Isn't Available
	Ownership	Leased
	Owner	Sutro Tower, Inc.
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	745 feet per run

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

Facility ID	Call Sign
58912	KPJK
35500	KQED
43095	KMTP-TV
71586	KCNS

**Auxiliary
Transmission Line**

Other Transmission Line Expenses Not Listed

Name	Description
Assd. Transmission Line	Various transmission lines and hardware to restore non-repacked stations after tower reinforcement.
Combiner Lower - Trans Line Kit - 34 STI-114	Combiner Lower - Trans Line Kit - 34 STI-114
Combiner Lower - Trans Line Kit - 28 STI-111	Combiner Lower - Trans Line Kit - 28 STI-111
Combiner Lower - Trans Line Kit - 30 STI-112	Combiner Lower - Trans Line Kit - 30 STI-112

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	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1085 feet per run

Primary **New Transmission Line**
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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1490 feet per run
	Justification for New Transmission Line	Reduce structural stress on tower and Stack B to reduce structural reinforcement needs. (See Exhibits 48 and 49.)

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line

Name	Description
Fill Holes Floor Wall STI-40	Fill Holes in Floor and Wall STI-40
Core Drill 4 Holes STI-39	Core Drill 4 Holes STI-39

Prelim TX Line Parts List	Preliminary List of Transmission Line Parts; Reconfiguration of Combiners.
RF Accessories	Coaxial Switch, Switch Controller, Test Load. (See Exhibit 3, Item D)

Interim **New Transmission Line**
Transmission Line **Section**

	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	19 ¾ '
	Other Segment Length	
	Number of parallel runs	1
	Length	100 feet per run
	Justification for New Transmission Line	Required to connect existing waveguide to interim antenna.

Interim **Other Transmission Line Expenses Not Listed**
Transmission Line **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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1001289
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 45' 19.0" N-
	Longitude (NAD83)	122° 27' 10.0" W-
	Overall Structure Height	976.69 feet
	Support Structure Height	779.85 feet
	Ground Elevation Above Mean Sea Level (AMSL)	833.98 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SUTRO TOWER INC
	Date Constructed	03/27/1998

**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
54770	KNBR-FM	FM
35500	KQED	DTV
59964	KISQ	FM
71586	KCNS	DTV
65484	KOSF	FM
6380	KOIT	FM
25452	KPIX-TV	DTV
34470	KGO-TV	DTV
65526	KRON-TV	DTV
58912	KPJK	DTV
70032	KSOL	FM
51429	KFSF-DT	DTV
35703	KTVU	DTV
43095	KMTP-TV	DTV

**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:	Serious 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
Install Primary KBCW Line	Install Transmission Line to New KBCW Primary Antenna.
Reinstall KFOG Main Ant STI-64	Reinstall KFOG(Now KNBR-FM) Main Antenna STI-64
Special Welding Bolting Inspections STI-67	Special Inspections, Welding & Bolting. STI-67
Install KFOG Aux	Install KFOG(Now KNBR-FM) Auxiliary Antenna at Level 5, South Leg.
Remove Waveguide Ladder	Remove Old Waveguide Ladder from B and C Legs. See Exhibit 23
Install KQED-FM Ant	Reinstall KQED-FM Antenna After "B" Stack Replacement.
Remove ENG Mounts	Remove ENG Mounts to Make Room for KFOG Antenna Location
Remove KQED-FM Ant	Remove KQED-FM Antenna from "B" Stack that Must Be Replaced.

Demolish Waveguide	Demolish Existing Waveguide to KBCW Antenna.
KFOG Testing STI-65	KFOG (Now KNBR-FM) Testing. STI 65.
Tower Mapping	Tower mapping for preparation of documentation necessary for tower load study.
Install Interim KBCW Ant and Line	Install KBCW Interim Antenna and Transmission Line.

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	250
	Explanation	Company lacks sufficient internal 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	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No

	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	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	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Services not provided.

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	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	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?	Yes
	Does this relocation require Equipment Storage?	Yes
	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?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Alternate Site Studies	Pre, Post and Alternate Site Studies
Architectural Plans	Architectural plans, building mapping, update plans.
Fork Lift Rental	Utilized to deliver equipment from storage, remove equipment from transmitter room.
KFOG Interim Antenna	Includes Antenna and Antenna Engineering.
Primary Transmitter Shipping	Primary Transmitter Shipping
Public Relations	Required as part of zoning effort.
Sales Tax - Sutro Tower	9.5% Sales Tax on Sutro Tower Invoices Only.
Site Survey	Determine actual site conditions and determine the materials and components required for system installation integration of the site with the transmitter equipment. See Exhibit 12.
Update Architectural Plans STI55	Update Architectural Plans with new TL locations. STI Line 55
VSWR Monitoring	VSWR Monitoring and antenna lockout system.
Sales Tax - Transmitter	California State Sales Tax on Transmitter Hardware.

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 ULXTE-120	\$1,893,534.99	\$2,022,006.25		\$1,719,200.32	
Other -- Building Addition Size: 0.0	<i>\$137,805.93</i>	\$137,805.93	Abatement, Flooring, Demo, Paint, Fire Stop, Seismic. General Contractor Minus Electrical. Includes \$28,000 Supervision. (Please See Exhibit 4.)	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$14,671.26	Please see Exhibit 51, Item D.	\$14,671.26	N/A

UHF - Liquid Cooled Solid State Transmitter 75.1 kW	\$1,704,529.06	\$1,704,529.06	Please see Exhibits 48, 51, and 78 - Items A, B, and E. This is the cost for a "comparable" ULXTE-90 transmitter, Change Orders, Installation, and Proof. Costs for RF Accessories, Electrical, Shipping, and Tax are listed separately.	\$1,704,529.06	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$165,000.00	See Exhibit 4.	N/A	N/A
Sub-total	\$1,893,534.99	\$2,022,006.25	N/A	\$1,719,200.32	N/A
Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A

Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 0.0	Information not provided.

Transformer 3 phase/480v
- 300 KVA

Component Description:

Down payment for primary transmitter electrical. See Exhibit 45C Item D and Exhibit 48.

Amount:

\$4,890.42

Component Description:

Invoice is for upgraded ULXTE-120 transmitter. Seeking reimbursement for comparable ULXTE-90. This cost category is for line item D. Other costs are listed separately.

Amount:

\$4,890.42

Component Description:

Final Payment for Transmitter Electrical hardware. Please see Exhibit 78. Other components listed separately.

Amount:

\$4,890.42

Component Description:

Down payment for Primary Transmitter Electrical Items. See Exhibit 45 Item D.

Amount:

\$4,740.00

UHF - Liquid Cooled Solid State Transmitter 75.1 kW	<div> <div> Component Description: </div> <div> Primary Transmitter Down Payment. See attachments to Exhibits 45C and 48. </div> </div> <div> Amount: </div> <div> \$531,434.50 </div>
	<div> <div> Component Description: </div> <div> Invoice is for upgraded ULXTE-120 transmitter. Seeking reimbursement for comparable ULXTE-90. This cost category is for line items A, B and E. Other costs are listed separately. </div> </div> <div> Amount: </div> <div> \$531,434.50 </div>
	<div> <div> Component Description: </div> <div> Payment 3 for Comparable Transmitter. Please see statement in Exhibit 78. RF Accessories, Electrical, Shipping, and Tax listed separately. </div> </div> <div> Amount: </div> <div> \$641,660.06 </div>
Service entrance 3 phase /800 amp/208 volt	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
Interim Antenna TFU-24WB /VP-R C160	\$232,079.00	\$231,899.00		\$0.00	
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<i>\$225,349.00</i>	\$225,349.00	KBCW Interim Antenna. Please see Sutro Tower Quotation Exhibit 60B, Line 41A.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,550.00	N/A	N/A	N/A
Primary Antenna TFU-24DSC /VP-R C140 DC	\$279,520.00	\$260,100.00		\$224,577.00	
Sweep test of existing antenna	\$6,730.00	\$12,240.00	Please See Exhibit 60, STI Line 34.	N/A	N/A

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	\$229,130.00	\$229,130.00	This cost is for a "comparable" antenna including side-mount brackets. This cost supersedes Sutro Tower pricing. See Exhibits 48 & 49. \$197,100 Ant + \$16,425 Brackets + \$15,605 shipping. Doesn't include elbow complex, listed separately.	\$224,577.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$13,730.00	Elbow complex for the "comparable" antenna system (please see Exhibit 6, Line 2). This cost supersedes Sutro pricing. Please see Exhibit 48.	N/A	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	Side mount brackets are itemized in the "comparable" antenna base cost quote but not in the "upgrade" antenna base cost quote. For uniformity, we'll add these figures and show them only under the antenna.	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Auxiliary Antenna TUA-C4SP-12/40U-1-S	\$202,493.00	\$171,543.00		\$0.00	
Fill Holes	\$3,219.00	\$3,219.00	Fill Concrete Holes in Floor Wall After Removing Old Combiner Transmission Lines. Please see Exhibit 60 STI Line Item 120.	N/A	N/A

Scaffold STI-120A	\$2,500.00	\$2,500.00	Please see Exhibit 60 STI Line Item 120A	N/A	N/A
Remove Old Combiner Lines	\$3,060.00	\$3,060.00	KBCW pro- rata share (50%) of Lower Aux Combiner, Remove Old Transmission Line Interconnects. See Exhibit 60 STI Line Item 116.	N/A	N/A
Core Drill Holes	\$9,884.00	\$9,884.00	Pro Rata Share to Drill Holes in Concrete for New Combiner Lines. Please see Exhibit 60 STI Line Item 119.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$12,240.00	KBCW pro- rata share (50%) of Lower Aux Combiner, RF Testing, Complex. Please see Exhibit 60 STI Line Item 121.	N/A	N/A
Combiner Remove and Fill Door STI- 121C	\$7,093.00	\$7,093.00	Please see Exhibit 60 Line Item 121C.	N/A	N/A

Upgrade Combiner HVAC - STI-121A	\$28,475.00	\$28,475.00	Combiner HVAC. Please see Exhibit 60 Line Item 121A.	N/A	N/A
Replace Combiner Switches	\$6,120.00	\$6,120.00	KBCW pro- rata share (50%) of Lower Aux Combiner, Remove and Replace Coaxial Switches. See Exhibit 60 STI Line Item 118.	N/A	N/A
Remove Old Combiner	\$6,120.00	\$6,120.00	KBCW pro- rata share (50%) of Lower Aux Combiner, Remove Old. See Exhibit 60 STI Line Item 111.	N/A	N/A
Combiner Direct Access Unit STI- 121B	\$15,352.00	\$15,352.00	Combiner Direct Access Unit. Please see Exhibit 60 Line Item 121B.	N/A	N/A
Install New Combiner	\$12,240.00	\$12,240.00	KBCW pro- rata share (50%) of Lower Aux Combiner, Install New. See Exhibit 60 STI Line 110.	N/A	N/A

Install New Combiner Lines	\$12,240.00	\$12,240.00	KBCW pro-rata share (50%) of Lower Aux Combiner, New Transmission Line Interconnects. See Exhibit 60 STI Line Item 117.	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$48,000.00	Please see Exhibit 60 STI Line 109.	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$714,092.00	\$663,542.00	N/A	\$224,577.00	N/A
Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A

Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	Information not provided.

Sweep test of existing antenna	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<div> Component Description: Primary Antenna. Please see Exhibit 60 STI Line Item 31. </div> <div> Amount: \$112,288.50 </div> <div> Component Description: Primary Antenna. Please see Exhibit 60 STI Line Item 31. </div> <div> Amount: \$112,288.50 </div>
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Fill Holes	Information not provided.
Scaffold STI-120A	Information not provided.
Remove Old Combiner Lines	Information not provided.
Core Drill Holes	Information not provided.
Sweep test of existing antenna	Information not provided.
Combiner Remove and Fill Door STI-121C	Information not provided.

Upgrade Combiner HVAC - STI-121A	Information not provided.
Replace Combiner Switches	Information not provided.
Remove Old Combiner	Information not provided.
Combiner Direct Access Unit STI-121B	Information not provided.
Install New Combiner	Information not provided.
Install New Combiner Lines	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	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
Interim Transmission Line	\$20,200.00	\$13,377.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$20,200.00	\$13,377.00	Please see Exhibit 60 - STI Line Item 41B.	N/A	N/A
Primary Transmission Line	\$1,177,218.57	\$830,506.57		\$655,981.66	
Prelim TX Line Parts List	\$6,833.33	\$6,833.33	See Exhibit 44. Total cost shared among six stations.	\$2,320.52	N/A
Rigid Transmission Line - copper, 8 3/16" broadband	\$594,510.00	\$384,916.85	See Exhibit 60 STI Line Item 32. Cost shown here excludes \$39,603 for upgraded broadband transmission line and \$239,376.15 already reimbursed in other (locked) line category.	\$227,595.15	N/A

RF Accessories	\$169,596.24	\$169,596.24	Waveguide switches, switch controller, test load, and various cut lengths of line and waveguide. (See Exhibit 48, Item C)	\$169,596.24	N/A
Fill Holes Floor Wall STI-40	\$9,884.00	\$9,884.00	Please see Exhibit 60 STI Line Item 40	N/A	N/A
Core Drill 4 Holes STI-39	\$19,900.00	\$19,900.00	Please see Exhibit 60 - STI Line Item 39.	\$17,093.60	N/A
Rigid Transmission Line - copper, 8 3/16"	\$376,495.00	\$239,376.15	***System Notice: Estimate adjusted and locked because line has been superseded. ***Irregular tower shape requires many elbows and hangers. See Exhibit 6, line 3.	\$239,376.15	N/A
Auxiliary Transmission Line	\$92,466.00	\$92,466.00		\$7,905.00	
Combiner Lower - Trans Line Kit - 30 STI-112	\$11,419.00	\$11,419.00	Please see Exhibit 60 - STI Line Item 112.	\$943.90	N/A

Assd. Transmission Line	\$46,233.00	\$46,233.00	Repack to lower frequencies generally requires larger antennas with higher windloading. Structural reinforcement displaces lines of non- repacked stations. This cost reflects those costs. See Exhibit 7, page 47,	N/A	N/A
Combiner Lower - Trans Line Kit - 34 STI- 114	\$26,724.00	\$26,724.00	Please see Exhibit 60 STI Line Item 114.	\$4,840.90	N/A
Combiner Lower - Trans Line Kit - 28 STI- 111	\$8,090.00	\$8,090.00	Please see Exhibit 60 STI Line Item 111.	\$2,120.20	N/A
Sub-total	\$1,289,884.57	\$936,349.57	N/A	\$663,886.66	N/A
Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	Information not provided.

Prelim TX Line Parts List	<div> Component Description: See Exhibit 29B Page 9. (Includes Business Class Airfare Deduction on August 28, 2019) </div> <div> Amount: \$2,320.52 </div>
Rigid Transmission Line - copper, 8 3/16" broadband	<div> Component Description: Invoice is for Sutro Tower work through 2/28/2018. This amount reflects the project payment for transmission line - minus the \$39,603 upgrade to broadband line. </div> <div> Amount: \$199,773.15 </div>
	<div> Component Description: Primary Line. Please See Exhibit 60 STI Line Item 32. </div> <div> Amount: \$1,154.76 </div>
	<div> Component Description: Primary Line. Please see Exhibit 60 STI Line Item 32. </div> <div> Amount: \$3,348.71 </div>
	<div> Component Description: Invoice is for Sutro Tower work through 5/31/2018. This amount reflects final transmission line parts invoice cost. </div> <div> Amount: \$7,729.70 </div>

Component Description:

Invoice is for Sutro
Tower work
through 4/30/2018.
This amount
reflects special
spring hanger
costs. See Exhibit
57.

Amount:

\$700.80

Component Description:

Primary Line.
Please see Exhibit
60 STI Line Item
32.

Amount:

\$14,888.03

RF Accessories	<div data-bbox="708 174 1372 405"> <p>Component Description: Down payment for primary transmitter RF Accessories. See Exhibit 45C Item C and Exhibit 48.</p> <p>Amount: \$56,532.08</p> </div> <div data-bbox="708 555 1372 1025"> <p>Component Description: Invoice is for upgraded ULXTE-120 transmitter. Seeking reimbursement for comparable ULXTE-90. This cost category is for line item C. Other costs are listed separately.</p> <p>Amount: \$56,532.08</p> </div> <div data-bbox="708 1131 1378 1406"> <p>Component Description: RF Accessories for Primary Transmitter. Please see Exhibit 78. Other costs listed separately.</p> <p>Amount: \$56,532.08</p> </div> <div data-bbox="708 1512 1356 1704"> <p>Component Description: Primary Transmitter RF Accessories. See Exhibit 45 Item C.</p> <p>Amount: \$21,426.23</p> </div>
Fill Holes Floor Wall STI-40	Information not provided.

Core Drill 4 Holes STI-39	<div> Component Description: Core Drill Four Holes. Please see Exhibit 60 - STI Line Item 39. </div> <div> Amount: \$5,668.50 </div>
	<div> Component Description: Core Drill Four Holes. Please see Exhibit 60 STI Line Item 39. </div> <div> Amount: \$1,970.60 </div>
	<div> Component Description: Core Drill Four Holes. Please see Exhibit 60 STI Line Item 39. </div> <div> Amount: \$7,644.50 </div>
	<div> Component Description: Primary Line - Core Drill Four Holes. Please see Exhibit 60 STI Line Item 39. </div> <div> Amount: \$1,810.00 </div>
Rigid Transmission Line - copper, 8 3/16"	<div> Component Description: See Exhibit 31 Page 13 </div> <div> Amount: \$239,376.15 </div>
Combiner Lower - Trans Line Kit - 30 STI-112	<div> Component Description: Aux Combiner Line Kit-30. Please see Exhibit 60 STI Line Item 112. </div> <div> Amount: \$943.90 </div>
Assd. Transmission Line	Information not provided.

Combiner Lower - Trans Line Kit - 34 STI-114	<div> <div> Component Description: </div> <div> Aux Combiner Line Kit - 34. Please see Exhibit 60 STI Line Item 114. </div> </div> <div> <div> Amount: </div> <div> \$4,840.90 </div> </div>
Combiner Lower - Trans Line Kit - 28 STI-111	<div> <div> Component Description: </div> <div> Combiner Transmission Line Kit. Please see Exhibit 60 STI Line Item 111. </div> </div> <div> <div> Amount: </div> <div> \$2,120.20 </div> </div>

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	\$2,604,701.46	\$3,128,464.46		\$753,696.75	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$324,974.00	Removal and installation of KBCW primary antenna on "B" Stack, plus materials. Please see Exhibit 60 and STI Lines 35 (\$120,848.00) plus Line 36 (204,126.00).	\$62,577.18	N/A
Install KFOG Aux	<i>\$17,710.00</i>	\$17,710.00	Install KFOG (FM) Aux Antenna to Permit Work on Stack "B" without Exceeding RF Exposure Limits. See Exhibit 60 STI Line Item 66.	\$2,240.61	N/A
Install Primary KBCW Line	<i>\$448,347.00</i>	\$448,347.00	See Exhibit 60 STI Line 38.	\$302,581.45	N/A
Special Welding Bolting Inspections STI-67	<i>\$5,000.00</i>	\$5,000.00	Special Inspections - Welding & Bolting. Please see Exhibit 60 STI Line Item 67.	N/A	N/A

KFOG Testing STI-65	\$8,333.00	\$8,333.00	KFOG (Now KNBR-FM) Testing. Please see Exhibit 60 STI Line Item 65.	N/A	N/A
Remove KQED-FM Ant	\$40,282.53	\$40,282.53	Remove KQED-FM Antenna From "B" Stack that Must Be Replaced. See Exhibit 60 STI Line Item 59.B	N/A	N/A
Tower Mapping	\$20,713.00	\$20,713.00	Pro-rata cost required to provide accurate input data to structural analysis. See Exhibit 60, STI Line 5.	\$20,670.80	N/A
Remove ENG Mounts	\$28,333.00	\$28,333.00	Required to accommodate KFOG (Now KNBR-FM) antenna relocation. See Exhibit 60 STI Line Item 64A.	N/A	N/A
Reinstall KFOG Main Ant STI-64	\$70,904.00	\$70,904.00	Reinstall KFOG (Now KNBR-FM) antenna. See Exhibit 60 STI Line Item 64.	\$13,706.38	N/A
Remove Waveguide Ladder	\$67,473.00	\$67,473.00	Remove Old Waveguide Ladder from B and C Legs. See Exhibit 60 STI Line Item 60.	\$67,476.64	The subtotal is equal to the estimated cost but the form says it's greater.

Install KQED-FM Ant	\$68,041.93	\$68,041.93	Remove KQED-FM Antenna From "B" Stack that Must Be Replaced. See Exhibit 60 STI Line Item 59.C	N/A	N/A
Demolish Waveguide	\$149,311.00	\$149,311.00	See Exhibit 60 STI Line 37.	N/A	N/A
Install Interim KBCW Ant and Line	\$187,253.00	\$187,253.00	See Exhibit 60 and STI Lines 41D (37,350.00), 41E (5,903.00), and 41F (144,000.00).	\$0.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,506,289.00	Please see Exhibit 60 STI Line Items 59 (328,577.00), 59.A (177,712.00), and 59.D (1,000,000.00).	\$124,833.09	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$185,500.00	Sutro Tower is not a typical structure. (See Exhibit 60 STI Line Item 58.)	\$159,610.60	N/A
Sub-total	\$2,604,701.46	\$3,128,464.46	N/A	\$753,696.75	N/A
Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A

Components

Actual Information	
Description	File Name

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<div> <div>Component Description:</div> <div>Demo KBCW primary antenna. Please see Exhibit 60 STI Line Item 35.</div> </div> <div> <div>Amount:</div> <div>\$11,569.32</div> </div>
	<div> <div>Component Description:</div> <div>Install KBCW Antenna. Please see Exhibit 60 STI Line Item 36.</div> </div> <div> <div>Amount:</div> <div>\$19,719.27</div> </div>
	<div> <div>Component Description:</div> <div>Demo antenna. Please see Exhibit 60 STI Line Item 35.</div> </div> <div> <div>Amount:</div> <div>\$11,569.32</div> </div>
	<div> <div>Component Description:</div> <div>Install KBCW Antenna. Please see Exhibit 60 STI Line Item 36.</div> </div> <div> <div>Amount:</div> <div>\$19,719.27</div> </div>
Install KFOG Aux	<div> <div>Component Description:</div> <div>Install KFOG-FM aux antenna. Please see Exhibit 60 STI Line Item 63.</div> </div> <div> <div>Amount:</div> <div>\$185.68</div> </div>
	<div> <div>Component Description:</div> <div>Install KFOG-FM aux antenna. Please see Exhibit 60 STI Line Item 63.</div> </div> <div> <div>Amount:</div> <div>\$2,054.93</div> </div>
Install Primary KBCW Line	

Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects primary transmission line installation cost.
Amount:	\$38,870.08

Component Description:	Install primary line. Please see Exhibit 60 STI Line Item 38.
Amount:	\$188.10

Component Description:	Install primary transmission line. Please see Exhibit 60 STI Line Item 38.
Amount:	\$10,860.35

Component Description:	Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects primary transmission line installation cost.
Amount:	\$51,389.41

Component Description:	Install primary line. Please see Exhibit 60 STI Line Item 38.
Amount:	\$59,686.44

	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 5/31/2018. This amount reflects primary transmission line installation cost.</p> <p>Amount:</p> <p>\$17,653.75</p>
	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 3/31/2018. This amount reflects primary transmission line installation cost.</p> <p>Amount:</p> <p>\$19,425.00</p>
	<p>Component Description:</p> <p>Install primary transmission line. Please see Exhibit 60 STI Line Item 38.</p> <p>Amount:</p> <p>\$35,525.00</p>
	<p>Component Description:</p> <p>Install Primary TX Line. Please see Exhibit 60 STI Line Item 38.</p> <p>Amount:</p> <p>\$68,983.32</p>
Special Welding Bolting Inspections STI-67	Information not provided.
KFOG Testing STI-65	Information not provided.
Remove KQED-FM Ant	Information not provided.
Tower Mapping	

Component Description:	Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects tower mapping cost minus Business Class travel Upgrade.
Amount:	\$1,445.25

Component Description:	Tower Mapping. Please see Exhibit 60 STI Line Item 5.
Amount:	\$2,670.83

Component Description:	Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects tower mapping cost.
Amount:	\$2,888.88

Component Description:	Tower mapping. Please see Exhibit 60 STI Line Item 5.
Amount:	\$4,329.35

Component Description:	See Attachment 30B Page 30.
Amount:	\$152.41

Component Description:	Pro rata share of tower mapping. See Exhibit 29B page 9.
Amount:	\$3,081.56

	Component Description: Amount:	Tower mapping. Please see Exhibit 60 STI Line Item 5. \$1,416.66
	Component Description: Amount:	See Exhibit 28 Page 8. \$268.66
	Component Description: Amount:	See Exhibit 27 Page 8 \$118.82
	Component Description: Amount:	See Exhibit 24, Line 5 \$113.67
	Component Description: Amount:	Tower Mapping. Please see Exhibit 60 STI Line Item 5. \$4,184.71
Remove ENG Mounts	Information not provided.	
Reinstall KFOG Main Ant STI-64	Component Description: Amount:	Install KFOG-FM Main Antenna. Please see Exhibit 60 STI Line Item 64. \$6,853.19
	Component Description: Amount:	Install KFOG-FM Main Antenna. Please see Exhibit 60 STI Line Item 64. \$6,853.19

Remove Waveguide Ladder	Component Description: See Exhibit 30B Page 30 Amount: \$26,308.33
	Component Description: See Exhibit 29B Page 9 Amount: \$13,534.16
	Component Description: See Exhibit 23 for quote and Exhibit 27 Page 8. Amount: \$18,323.33
	Component Description: See Exhibit 31 Page 13 Amount: \$3,324.16
	Component Description: See Exhibit 28 Page 8 Amount: \$5,986.66
Install KQED-FM Ant	Information not provided.
Demolish Waveguide	Information not provided.
Install Interim KBCW Ant and Line	Information not provided.

Serious tower reinforcement /modifications	<table> <tr> <td data-bbox="719 176 1023 208">Component Description:</td><td data-bbox="1160 176 1378 324">Structural Reinforcing. See Exhibit 60 STI Line Item 59.</td></tr> <tr> <td data-bbox="719 338 826 369">Amount:</td><td data-bbox="1160 338 1294 369">\$42,169.22</td></tr> <tr> <td data-bbox="719 477 1023 508">Component Description:</td><td data-bbox="1160 477 1378 665">Structural Reinforcing. Please see Exhibit 60 STI Line Item 59A.</td></tr> <tr> <td data-bbox="719 678 826 710">Amount:</td><td data-bbox="1160 678 1294 710">\$20,247.33</td></tr> <tr> <td data-bbox="719 817 1023 848">Component Description:</td><td data-bbox="1160 817 1378 965">Structural Reinforcing. See Exhibit 60 STI Line Item 59.</td></tr> <tr> <td data-bbox="719 978 826 1010">Amount:</td><td data-bbox="1160 978 1294 1010">\$42,169.21</td></tr> <tr> <td data-bbox="719 1117 1023 1149">Component Description:</td><td data-bbox="1160 1117 1378 1220">Structural Reinforcing. See STI Line Item 59A.</td></tr> <tr> <td data-bbox="719 1234 826 1265">Amount:</td><td data-bbox="1160 1234 1294 1265">\$20,247.33</td></tr> </table>	Component Description:	Structural Reinforcing. See Exhibit 60 STI Line Item 59.	Amount:	\$42,169.22	Component Description:	Structural Reinforcing. Please see Exhibit 60 STI Line Item 59A.	Amount:	\$20,247.33	Component Description:	Structural Reinforcing. See Exhibit 60 STI Line Item 59.	Amount:	\$42,169.21	Component Description:	Structural Reinforcing. See STI Line Item 59A.	Amount:	\$20,247.33
Component Description:	Structural Reinforcing. See Exhibit 60 STI Line Item 59.																
Amount:	\$42,169.22																
Component Description:	Structural Reinforcing. Please see Exhibit 60 STI Line Item 59A.																
Amount:	\$20,247.33																
Component Description:	Structural Reinforcing. See Exhibit 60 STI Line Item 59.																
Amount:	\$42,169.21																
Component Description:	Structural Reinforcing. See STI Line Item 59A.																
Amount:	\$20,247.33																
Structural engineering tower load study for a documented tower with candelabra	<table> <tr> <td data-bbox="719 1404 1023 1435">Component Description:</td><td data-bbox="1160 1404 1378 1673">Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects structural engineering cost.</td></tr> <tr> <td data-bbox="719 1686 826 1718">Amount:</td><td data-bbox="1160 1686 1294 1718">\$34,609.75</td></tr> <tr> <td data-bbox="719 1825 1023 1856">Component Description:</td><td data-bbox="1160 1825 1378 2013">Structural Engineering. Please see Exhibit 60 STI Line Item 58.</td></tr> <tr> <td data-bbox="719 2027 826 2058">Amount:</td><td data-bbox="1160 2027 1294 2058">\$14,932.01</td></tr> </table>	Component Description:	Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects structural engineering cost.	Amount:	\$34,609.75	Component Description:	Structural Engineering. Please see Exhibit 60 STI Line Item 58.	Amount:	\$14,932.01								
Component Description:	Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects structural engineering cost.																
Amount:	\$34,609.75																
Component Description:	Structural Engineering. Please see Exhibit 60 STI Line Item 58.																
Amount:	\$14,932.01																

Component Description: Structural Engineering.
Please see Exhibit 60 STI Line Item 58.

Amount: (\$1,576.49)

Component Description: Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects structural engineering cost.

Amount: \$7,596.37

Component Description: Structural Engineering.
Please see Exhibit 60 STI Line Item 58.

Amount: \$3,721.20

Component Description: See Exhibit 30B Page 30. This revision adds Rowan Williams Davies & Irwin proposal per 4/3 /2019 RFI.

Amount: \$16,439.50

Component Description: See Exhibit 29B Page 9

Amount: \$15,037.22

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects structural engineering cost.
Amount:	\$11,725.05

Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects structural engineering cost.
Amount:	\$4,887.33

Component Description:	Structural Engineering. Please see Exhibit 60 STI Line Item 58.
Amount:	\$5,223.33

Component Description:	Invoice is for Sutro Tower work through 1/31 /2018. This amount reflects structural engineering cost.
Amount:	\$7,744.71

Component Description:	See Exhibit 27 - Page 8
Amount:	\$1,124.35

Component Description:	See Exhibit 31 Page 13
Amount:	\$33,020.77

Component Description:	See Exhibit 24 Line 58.
Amount:	\$3,788.50

Component Description:	See Exhibit 28 Page 8
Amount:	\$1,337.00

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	\$163,160.00	\$201,420.00		\$28,143.08	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$64,286.00	Please see Exhibit 60 STL Line 129.	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
RF Exposure Measurements	\$21,050.00	\$2,857.00	Please See Exhibit 60 and STI Line 137.	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	\$1,775.00	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	\$15,563.00	Please See Exhibit 60 and STI Line 3 plus Exhibit 26 Line 1 (\$1,312.50)	\$6,374.98	N/A
Project management of the transition	\$39,500.00	\$108,214.00	Company lacks sufficient internal resources. 250 hours at \$150 per hour plus time estimated in Exhibit 60, STI Line 129.	\$19,993.10	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$163,160.00	\$201,420.00	N/A	\$28,143.08	N/A

Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A
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Components

Actual Information	
Description	File Name
Comprehensive coverage verification via field study, if needed	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
RF Exposure Measurements	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	<p>Component Description: Prepare Engineering Section of FCC Form 2100 Construction Permit Application.</p> <p>Amount: \$1,775.00</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	

Component Description:	Invoice is for Sutro Tower work through 5/31/2018. This amount reflects new antenna development (updating drawings) cost.
Amount:	\$570.83

Component Description:	Invoice is for Sutro Tower work through 4/30/2018. This amount reflects cost of updating antenna engineering studies.
Amount:	\$233.33

Component Description:	Engineering Study for New Channel Assignment.
Amount:	\$1,312.50

Component Description:	See Exhibit 24 Line 3.
Amount:	\$3,890.83

Component Description:	Engineering Study - New Antenna Development. Please see Exhibit 60 STI Line Item 3.
Amount:	\$91.66

	<p>Component Description: Calculation of necessary height and ERP for non-repack station KFOG-FM.</p> <p>Amount: \$275.83</p>
Project management of the transition	<p>Component Description: See Exhibit 31 Page 13</p> <p>Amount: \$146.87</p> <p>Component Description: Project Management Sutro. Please see Exhibit 60 STI Line Item 129.</p> <p>Amount: \$944.58</p> <p>Component Description: Project Management Sutro. Please see Exhibit 60 STI Line Item 129.</p> <p>Amount: \$583.33</p> <p>Component Description: Invoice is for Sutro Tower work through 6/30/2018. This amount reflects Sutro Tower project management cost.</p> <p>Amount: \$938.74</p> <p>Component Description: Project Management Sutro. Please see Exhibit 60 STI Line Item 129.</p> <p>Amount: \$1,709.37</p>

Component Description:	See Exhibit 30B Page 30
Amount:	\$125.00

Component Description:	See Exhibit 29B Page 9
Amount:	\$889.58

Component Description:	Invoice is for Sutro Tower work through 5/31/2018. This amount reflects Sutro Tower project management cost.
Amount:	\$1,188.75

Component Description:	Invoice is for Sutro Tower work through 4/30/2018. This amount reflects Sutro Tower project management cost.
Amount:	\$1,203.74

Component Description:	Invoice is for Sutro Tower work through 3/31/2018. This amount reflects Sutro Tower project management cost. Deducts travel upgrade cost.
Amount:	\$1,991.46

Component Description:	Project Management Sutro. Please see Exhibit 60 STI Line Item 129.
Amount:	\$956.25

Component Description:	Project Management Sutro. Please see Exhibit 60 STI Line Item 129.
Amount:	\$759.37

Component Description:	Invoice is for Sutro Tower work through 2/28/2018. This amount reflects Sutro Tower project management cost.
Amount:	\$812.07

Component Description:	Invoice is for Sutro Tower work through 1/31/2018. This amount reflects Sutro Tower project management cost.
Amount:	\$293.75

Component Description:	See Exhibit 28 Page 8
Amount:	\$1,396.39

	<div data-bbox="715 159 1018 192">Component Description:</div> <div data-bbox="1155 159 1374 551"> <p>See Exhibit 24, Line 129. For work performed, dates, hours, and rate, please see Exhibit 25. The total shown was divided by the six repacking stations.</p> <div data-bbox="715 517 823 551">Amount:</div> <div data-bbox="1155 517 1272 551">\$5,315.63</div> </div> <div data-bbox="715 658 1018 692">Component Description:</div> <div data-bbox="1155 658 1369 808"> <p>Sutro Project Management. See Exhibit 27 page 8.</p> <div data-bbox="715 775 823 808">Amount:</div> <div data-bbox="1155 775 1249 808">\$738.22</div> </div>
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	\$1,032,755.62	\$1,030,634.62		\$466,882.75	
Sales Tax - Transmitter	<i>\$144,776.01</i>	\$144,776.01	California State Sales Tax. Please see Exhibit 78.	\$144,776.01	N/A
VSWR Monitoring	<i>\$183,559.00</i>	\$183,559.00	VSWR Monitoring of antennas, transmission line, and combiner. Helps assure equipment won't be damaged by excessive transmitter power during fault conditions. Please See Exhibit 60 and STI Line 131.	\$31,716.87	N/A
Update Architectural Plans STI55	<i>\$4,004.00</i>	\$4,004.00	Update Architectural Plans with new TL locations. Please See Exhibit 60 and STI Line 55.	N/A	N/A

Site Survey	\$9,147.00	\$9,147.00	Determine actual site conditions and determine the materials and components required for system installation /integration of the customers site with the transmitter equipment. See Exhibit 46.	\$9,147.00	N/A
Sales Tax - Sutro Tower	\$167,933.00	\$167,933.00	9.5% San Francisco Sales Tax - on Sutro Tower, Inc. materials only. Please See Exhibit 60 and STI Line 141.	\$51,410.39	N/A
Public Relations	\$16,379.00	\$16,379.00	Public relations required for zoning hearings, neighbors, and government officials. Please See Exhibit 60 and STI Line 57.	\$4,766.49	N/A

Primary Transmitter Shipping	\$30,504.61	\$30,504.61	GatesAir Actual shipping for comparable transmitter. Please see Exhibit 78.	N/A	N/A
KFOG Interim Antenna	\$17,710.00	\$17,710.00	KFOG(FM) Interim Antenna, pro rata share. Does not include shipping or installation.	N/A	N/A
Fork Lift Rental	\$21,974.00	\$21,974.00	Required to move equipment from storage to transmitter and combiner room, throughout site. Please See Exhibit 60 and STI Line 125.	\$8,583.30	N/A
Architectural Plans	\$51,369.00	\$51,369.00	Pro rata Share of Architectural Plans, Building Mapping, Update Plans. Please See Exhibit 60 and STI Line 54	\$43,611.96	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$21,236.00	\$21,236.00	Please See Exhibit 60 and STI Line 123.	\$6,933.65	N/A
Equipment Delivery and Handling Charges	\$45,286.00	\$45,286.00	Please See Exhibit 60 and STI Line 127.	\$1,458.84	N/A
Equipment Storage	\$20,833.00	\$20,833.00	Please see Exhibit 15.	N/A	N/A
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Alternate Site Studies	\$108,923.00	\$108,923.00	Preliminary repack study, Alternate site studies, and Prelim TL Parts List. (Please See Exhibit 60 and STI Lines# 1, 2, and 4)	\$106,427.76	N/A
Local Zoning	\$176,572.00	\$176,572.00	Includes Legal Fees. Please See Exhibit 60 and STI Lines 56 and 139.	\$58,050.48	N/A
DTV Medical Facility Notification	\$11,550.00	\$9,429.00	Please See Exhibit 60 and STI Line 135	N/A	N/A
Sub-total	\$1,032,755.62	\$1,030,634.62	N/A	\$466,882.75	N/A

Total for all systems	\$7,698,128.64	\$7,982,416.90	N/A	\$3,856,386.56	N/A
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Components

Actual Information		
Description	File Name	
Sales Tax - Transmitter	Component Description:	California State Sales Tax. Please see Exhibit 78.
	Amount:	\$144,776.01
VSWR Monitoring	Component Description:	VSWR Monitoring. Please see Exhibit 60 STI Line Item 131.
	Amount:	\$1,464.16
	Component Description:	VSWR Monitoring. Please see Exhibit 60 STI Line Item 131.
	Amount:	\$16,361.63
	Component Description:	Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects VSWR monitoring system cost.
	Amount:	\$4,183.54
	Component Description:	VSWR Monitoring. Please see Exhibit 60 STI Line Item 131.
	Amount:	\$2,264.68

	Component Description:	Invoice is for Sutro Tower work through 5/31/2018. This amount reflects VSWR monitoring system cost.
	Amount:	\$2,091.66
	Component Description:	Invoice is for Sutro Tower work through 4/30/2018. This amount reflects preliminary VSWR monitoring system engineering cost.
	Amount:	\$1,569.09
	Component Description:	VSWR Monitoring. Please see Exhibit 60 STI Line Item 131.
	Amount:	\$1,960.00
	Component Description:	VSWR Monitoring Antenna Lockout. Please see Exhibit 60 STI Line Item 131.
	Amount:	\$1,822.11
Update Architectural Plans STI55	Information not provided.	
Site Survey	Component Description:	Site Survey. Please see Exhibits 47 and 48.
	Amount:	\$9,147.00

Sales Tax - Sutro Tower	<table> <tr> <td data-bbox="716 179 1023 206">Component Description:</td><td data-bbox="1158 179 1372 286">Sales Tax. Please see Exhibit 60 STI Line Item 141.</td></tr> <tr> <td data-bbox="716 300 826 327">Amount:</td><td data-bbox="1158 300 1289 327">\$10,059.43</td></tr> <tr> <td data-bbox="716 439 1023 465">Component Description:</td><td data-bbox="1158 439 1372 743">Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects California State Use Tax. See Exhibit 57 page 9.</td></tr> <tr> <td data-bbox="716 757 826 784">Amount:</td><td data-bbox="1158 757 1289 784">\$20,346.97</td></tr> <tr> <td data-bbox="716 896 1023 922">Component Description:</td><td data-bbox="1158 896 1372 1003">Sales Tax. Please see Exhibit 60 STI Line Item 141.</td></tr> <tr> <td data-bbox="716 1016 826 1043">Amount:</td><td data-bbox="1158 1016 1254 1043">\$657.02</td></tr> <tr> <td data-bbox="716 1155 1023 1182">Component Description:</td><td data-bbox="1158 1155 1326 1223">See Exhibit 31 Page 13</td></tr> <tr> <td data-bbox="716 1236 826 1263">Amount:</td><td data-bbox="1158 1236 1289 1263">\$20,346.97</td></tr> </table>	Component Description:	Sales Tax. Please see Exhibit 60 STI Line Item 141.	Amount:	\$10,059.43	Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects California State Use Tax. See Exhibit 57 page 9.	Amount:	\$20,346.97	Component Description:	Sales Tax. Please see Exhibit 60 STI Line Item 141.	Amount:	\$657.02	Component Description:	See Exhibit 31 Page 13	Amount:	\$20,346.97
Component Description:	Sales Tax. Please see Exhibit 60 STI Line Item 141.																
Amount:	\$10,059.43																
Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects California State Use Tax. See Exhibit 57 page 9.																
Amount:	\$20,346.97																
Component Description:	Sales Tax. Please see Exhibit 60 STI Line Item 141.																
Amount:	\$657.02																
Component Description:	See Exhibit 31 Page 13																
Amount:	\$20,346.97																
Public Relations	<table> <tr> <td data-bbox="716 1406 1023 1433">Component Description:</td><td data-bbox="1158 1406 1372 1554">Permit Public Relations. Please See Exhibit 60 STI Line Item 57.</td></tr> <tr> <td data-bbox="716 1568 826 1594">Amount:</td><td data-bbox="1158 1568 1254 1594">\$512.50</td></tr> <tr> <td data-bbox="716 1706 1023 1733">Component Description:</td><td data-bbox="1158 1706 1372 1854">Permit Public Relations. Please See Exhibit 60 STI Line Item 57.</td></tr> <tr> <td data-bbox="716 1868 826 1895">Amount:</td><td data-bbox="1158 1868 1254 1895">\$375.00</td></tr> </table>	Component Description:	Permit Public Relations. Please See Exhibit 60 STI Line Item 57.	Amount:	\$512.50	Component Description:	Permit Public Relations. Please See Exhibit 60 STI Line Item 57.	Amount:	\$375.00								
Component Description:	Permit Public Relations. Please See Exhibit 60 STI Line Item 57.																
Amount:	\$512.50																
Component Description:	Permit Public Relations. Please See Exhibit 60 STI Line Item 57.																
Amount:	\$375.00																

Component Description:	Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects public relations costs.
Amount:	\$525.00

Component Description:	Permit Public Relations. Please see Exhibit 60 STI Line Item 57.
Amount:	\$62.50

Component Description:	See Exhibit 29B Page 9
Amount:	\$712.50

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects public relations costs.
Amount:	\$312.50

Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects public relations cost.
Amount:	\$337.50

Component Description:	Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects public relations cost.
Amount:	\$150.00

Component Description:	Permit Public Relations. Please see Exhibit 60 STI Line Item 57.
Amount:	\$137.50

Component Description:	See Exhibit 28 Page 8
Amount:	\$212.50

Component Description:	Permit Public Relations. Please see Exhibit 60 STI Line Item 57.
Amount:	\$387.50

Component Description:	Invoice is for Sutro Tower work through 2/28 /2018. This amount reflects public relations costs.
Amount:	\$225.00

Component Description:	See Exhibit 24 Line 57
Amount:	\$237.50

	<div> <div>Component Description:</div> <div>See Exhibit 27 - Page 8</div> </div> <div> <div>Amount:</div> <div>\$62.50</div> </div>
	<div> <div>Component Description:</div> <div>See Exhibit 31 Page 13</div> </div> <div> <div>Amount:</div> <div>\$516.49</div> </div>
Primary Transmitter Shipping	Information not provided.
KFOG Interim Antenna	Information not provided.
Fork Lift Rental	<div> <div>Component Description:</div> <div>Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects fork lift rental cost.</div> </div> <div> <div>Amount:</div> <div>\$858.33</div> </div>
	<div> <div>Component Description:</div> <div>Fork Lift Rental. Please see Exhibit 60 STI Line Item 125.</div> </div> <div> <div>Amount:</div> <div>\$858.33</div> </div>
	<div> <div>Component Description:</div> <div>Fork Lift Rental. Please see Exhibit 60 STI Line Item 125.</div> </div> <div> <div>Amount:</div> <div>\$858.33</div> </div>
	<div> <div>Component Description:</div> <div>Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects fork lift rental cost.</div> </div> <div> <div>Amount:</div> <div>\$858.33</div> </div>

Component Description:	Fork Lift Rental. Please see Exhibit 60 STI Line Item 125.
Amount:	\$858.33

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects fork lift rental cost.
Amount:	\$858.33

Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects fork lift rental cost.
Amount:	\$858.33

Component Description:	Invoice is for Sutro Tower work through 2/28 /2018. This amount reflects fork lift rental cost.
Amount:	\$858.33

Component Description:	Fork Lift Rental. Please see Exhibit 60 STI Line Item 125.
Amount:	\$858.33

Component Description:	Fork Lift Rental. Please see Exhibit 60 STI Line Item 125.
Amount:	\$858.33

Architectural Plans

Component Description:	Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects architectural planning costs.
Amount:	\$6,107.75
Component Description:	Architectural Plans. Please see Exhibit 60 STI Line Item 54.
Amount:	\$1,744.63
Component Description:	Architectural Plans. Please see Exhibit 60 STI Line Item 54.
Amount:	\$561.64
Component Description:	See Exhibit 30B Page 30. (Corrected \$2 Discrepancy in amount May 8, 2019.)(Includes Business Class Airfare Deduction on August 28, 2019)
Amount:	\$2,169.97
Component Description:	See Exhibit 29B Page 9.
Amount:	\$8,439.89

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects architectural planning costs.
Amount:	\$612.05

Component Description:	Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects architectural planning costs.
Amount:	\$501.17

Component Description:	Architectural Plans. Please see Exhibit 60 STI Line Item 54.
Amount:	\$1,053.41

Component Description:	See Exhibit 31 Page 13.
Amount:	\$10,067.49

Component Description:	Invoice is for Sutro Tower work through 1/31 /2018. This amount reflects architectural planning costs.
Amount:	\$1,038.80

Component Description:	See Exhibit 28 page 8
Amount:	\$10,460.43

	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 2/28 /2018. This amount reflects architectural planning costs.</p> <p>Amount:</p> <p>\$854.73</p>
Disposal Costs (for equipment and other waste, net of any salvage value)	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects disposal, removal, patches, etc. cost.</p> <p>Amount:</p> <p>\$2,218.66</p> <p>Component Description:</p> <p>Disposal, Removal, Patches, etc. Please see Exhibit 60 STI Line Item 123.</p> <p>Amount:</p> <p>\$4,506.66</p> <p>Component Description:</p> <p>Disposal, Removal, Patches, etc. Please see Exhibit 60 STI Line Item 123.</p> <p>Amount:</p> <p>\$208.33</p>

Equipment Delivery and Handling Charges	<p>Component Description: Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects shipping delivery and handling cost.</p> <p>Amount: \$288.45</p>
	<p>Component Description: Shipping Delivery Handling. Please see Exhibit 60 STI Line Item 127.</p> <p>Amount: \$89.58</p>
	<p>Component Description: Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects shipping delivery and handling cost.</p> <p>Amount: \$255.31</p>
	<p>Component Description: Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects shipping delivery and handling cost.</p> <p>Amount: \$676.35</p>
	<p>Component Description: Shipping Delivery Handling. Please see Exhibit 60 STI Line Item 127.</p> <p>Amount: \$149.15</p>
Equipment Storage	Information not provided.

MVPD Notification of Channel Change	Information not provided.	
Alternate Site Studies	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects site right of entry costs.</p> <p>Amount:</p> <p>\$12,916.66</p> <p>Component Description:</p> <p>See Exhibit 24 Lines 1, 2, & 4 which total \$93,511.11. Subtracted a one-cent compounded rounding error.</p> <p>Amount:</p> <p>\$93,511.10</p>	
Local Zoning	<p>Component Description:</p> <p>Invoice is for Sutro Tower work through 4/30 /2018. This amount reflects legal fees.</p> <p>Amount:</p> <p>\$238.05</p> <p>Component Description:</p> <p>Invoice is for Sutro Tower work through 3/31 /2018. This amount reflects legal fees.</p> <p>Amount:</p> <p>\$509.43</p>	

Component Description: Invoice is for Sutro Tower work through 1/31/2018. This amount reflects building permits cost.

Amount: \$812.09

Component Description: Building Permits. Please see Exhibit 60 STI Line Item 56.

Amount: \$966.15

Component Description: Legal Fees. Please see Exhibit 60 STI Line Item 139.

Amount: \$655.57

Component Description: Building Permits. Please see Exhibit 60 STI Line Item 56.

Amount: \$2,174.70

Component Description: Legal Fees. Please see Exhibit 60 STI Line Item 139.

Amount: \$551.47

Component Description: Invoice is for Sutro Tower work through 5/31/2018. This amount reflects building permit costs.

Amount: \$704.66

Component Description: Invoice is for Sutro Tower work through 6/30 /2018. This amount reflects legal costs.

Amount: \$1,276.56

Component Description: Legal Fees. Please see Exhibit 60 STI Line Item 139.

Amount: \$1,587.60

Component Description: Building Permits. Please see Exhibit 60 STI Line Item 56.

Amount: \$357.43

Component Description: See Exhibit 30B Page 30

Amount: \$705.37

Component Description: See Exhibit 30B Page 30

Amount: \$283.49

Component Description: See Exhibit 29B Page 9

Amount: \$2,001.96

Component Description: See Exhibit 29A Page 9

Amount: \$4,666.93

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects building permit costs.
Amount:	\$407.31

Component Description:	Invoice is for Sutro Tower work through 5/31 /2018. This amount reflects legal costs.
Amount:	\$274.07

Component Description:	Legal Fees. Please see Exhibit 60 STI Line Item 139.
Amount:	\$634.20

Component Description:	Building Permits. Please see Exhibit 60 STI Line Item 56.
Amount:	\$523.29

Component Description:	Legal Fees. Please see Exhibit 60 STI Line Item 139.
Amount:	\$1,519.20

Component Description:	Building Permits. Please see Exhibit 60 STI Line Item 56.
Amount:	\$7,529.19

Component Description:	See Exhibit 31 Page 13
Amount:	\$197.83

Component Description:	Invoice is for Sutro Tower work through 2/28 /2018. This amount reflects building permit cost.
Amount:	\$67.68

Component Description:	Invoice is for Sutro Tower work through 2/28 /2018. This amount reflects legal fees.
Amount:	\$934.48

Component Description:	Invoice is for Sutro Tower work through 1/31 /2018. This amount reflects local zoning cost.
Amount:	\$367.17

Component Description:	See Exhibit 27 Page 8
Amount:	\$2,281.73

Component Description:	See Exhibit 28 Page 8
Amount:	\$2,054.29

Component Description:	See Exhibit 28 Page 8
Amount:	\$537.93

	Component Description:	See Exhibit 31 Page 13.
	Amount:	\$100.54
	Component Description:	See Exhibit 24 Lines 56 and 139.
	Amount:	\$23,130.11
DTV Medical Facility Notification	Information not provided.	

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$7,698,128.64	\$7,982,416.90	\$3,856,386.56

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
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.

<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>Andrew J Siegel <i>Assistant Secretary</i></p> <p>05/18/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<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>Andrew J Siegel <i>Assistant Secretary</i></p> <p>05/18/2020</p>

Attachments