System Cost Summary	Equipment or Other Materials	Services	Tax/Freight	Equipment + Materials + Services
Extended Central Total Costs	$	$		$
Extended Sites Total Costs	$	$		$
Extended Dispatch Costs	$	$		$
Extended Subscriber Total Costs	$	$		$
Extended Spares Total Costs	$	$		$
	$	$		$
Additional Costs not captured	$	$		$
	$	$		$
	$	$		$
	$	$		$
	$	$		$
	$	$		$
	$	$		$
	$	$		$
	$	$		$
Annualized Service Lease Costs (If applicable)	$	$		$
Total Proposer Capital Costs				$

PROPOSERS must provide total proposal cost and itemized pricing by using the pricing forms provided herein, to the greatest extent possible. Costs for OPTIONAL items shall be provided on the forms as indicated. This workbook is intended to be used as a guideline, PROPOSERS are encouraged to add/alter cells in order to provide complete, itemized pricing for their proposal.

This file contains nine separate worksheets in addition to this System Summary worksheet:

"Summary" - This worksheet summarizes all worksheets contained herein. RESPONDENTS are required to verify all totals prior to submittal.

1- "Central and Controller Costs" - This worksheet must include all system-level equipment, including, but not limited to; project management, engineering, miscellaneous services, training, and warranty costs.

2- "Site System Costs" - This worksheet must include all equipment for individual sites, including, but not limited to; Base stations, antenna systems, software, project management, and engineering.

3- "Dispatch Costs" - This worksheet must include all equipment for dispatch and console subsystems; including, but not limited to hardware and software, project management, and engineering.

4- "Subscriber Equipment" - - This worksheet must include all equipment for subscriber equipment packages including, but not limited to; including, but not limited to hardware and software, project management, and engineering.

5- "Spares Equipment" - This worksheet must include all equipment recommended by the vendor as available spares for system service at the level specified.

6- "Maintenance Costs" - This worksheet must include all maintenance services required to maintain the system for a period of 18 years.

7- System Refresh" - This worksheet must include all costs associated with a technology and software update to be executed in years 6 and 12 after Final System Acceptance.

8- "System Option Summary" - This worksheet must include all costs for the subsystems, equipment, and features defined as "optional" in the specifications. These costs are not to be included in system totals.

9- "Financing Options" - This worksheet must include details on any leasing, extended payment, and/or service offerings presented.

System Central and Control Costs	List Cost	Discount Cost	Extended Cost
Per Item			
Trunking Core			
Trunking Core Redundancy			
Simulcast Controller			
Simulcast Controller Distributed/Geographic Redundancy			
Network Management System			
Alarm and Monitoring Control System			
Trunking Networking Equipment (Other than within the core)			
Voting Comparator Equipment			
Voting Comparator Equipment Distributed/Geographic Redundancy			
Microwave System Radio Equipment (Other than at RF sites)			
Microwave System Control and Monitoring Equipment			
Asset Management System			
Encryption Hardware			
CSSI Standardized Console Interface			
Interoperability - ISSI (3 System Base Offering)			
PTT Application System			
Unit Location GPS System			
Racks, UPS and Surge Protection (Core and non RF sites)			
Mechanical and mounting equipment (Core and non RF sites)			
Other - Fill in as required			
Service Lease Offering; Annual Amount (Specify any escalation percentage)			
Indicate any items above included in this offering by placing "Included" in the cost field			
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance			
Software Licenses			
(Please detail software packages)			
Trunked System Core Software			

System Central and Control Costs	List Cost	Discount Cost	Extended Cost
Trunked P25 Phase II Software			
Network Management Software			
Alarm and Monitoring Software			
Encryption Control Software			
Simulcast Software			
CSSI Standardized Console Interface Software			
Interoperability - ISSI (3 System Base Offering)			
PTT Application Software			
Asset Management Software			
Unit Location GPS Software			
Other - Fill in as required			
Service Lease Offering; Annual Amount (Specify any escalation percentage)			
Indicate any items above included in this offering by placing "Included" in the cost field			
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance			

System Central and Control Costs	List Cost	Discount Cost	Extended Cost
Services	List Hour Rate	Discount Rate	
Installation, Turn-Up and Optimization System (include Core, Simulcast and NMS)			
Installation, Turn-Up and Optimization Microwave/Backhaul Equipment			
System Staging Costs			
Coverage Testing Costs			
Documentation Costs			
Training Costs			
Program Management and Supervision			
Other - Fill in as required			
Service Lease Offering; Annual Amount (Specify any escalation percentage)			
Indicate any items above included in this offering by placing "Included" in the cost field			
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance			
Extended Central Total Costs			$ -

Site Costs	List Cost	Discount Cost	Quan per Site	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Extended Discounted Cost	Optional T/R Site Cost
Per Site (Quantities)														
800 MHz Trunked Repeaters														
Low-band VHF Base(s)														
High-band VHF Base(s)														
UHF Base(s)														
UHF Control Station(s)														
800 MHz Conventional Repeater(s)														
800 MHz Control Station(s)														
Please add any additional quantifiable Per-Site equipment or systems to completely define your proposal in this section														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Per Site (Lot)														
Trunked Control Equipment														
Conventional Interface Equipment														
Site Networking Equipment														
Site Microwave Equipment														
Simulcast Timing Equipment														
Site control and alarm system														
DC Power Systems														
Site facility costs - Surge Protection, Racks, Cable Trays, etc.														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Per Site (Antenna System)														
Trunked Antenna System														
Other Antenna System														
Please add any additional Per-Site antenna system equipment to completely define your proposal in this section														
Site mounting equipment (racks, cable trays, misc. hardware)														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Software														
Station Software (Please Detail)														
Trunked P25 Phase II Software														
Simulcast Software														
Trunked Control Software (Per Site)														
Conventional Interface Software (Per Site)														
Site Networking Software (Per Site)														
Microwave Monitoring Software (Per Site)														

Site Costs	List Cost	Discount Cost	Quan per Site	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Extended Discounted Cost	Optional T/R Site Cost
Please add any additional Per-Site or equipment specific software costs to completely define your proposal in this section														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Per Site Services	List Hour Rate	Discounted Rate												
Staging Costs														
Delivery and Storage Costs														
Installation, Turn-Up and Optimization														
Documentation														
Antenna System Installation (Tower)														
Program Management and Supervision														
Please add any additional Per-Site or equipment specific service costs to completely define your proposal in this section														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Extended Sites Total Costs														$ -	

Dispatch System Costs	List Cost	Discount Cost	Primary Dispatch Site (46)	Backup Dispatch Site (17)	DPT Dispatch Site (8)	SFSU Dispatch Site (2)	DPW Dispatch Site (1)	Water Dispatch Site (1)	Sheriff Dispatch Site (1)	Radio Shop Diagnostic Position (1)	Twin Peaks Diagnostic Position (1)	Tax/Freight	Extended Cost	Additional Dispatch Positions (Each) Not included in total
Per Position														
Dispatch Position Computer and Electronics Equipment														
Dispatch Position Peripheral Equipment														
Dispatch System Management Equipment														
Trunking System Management Terminal Equipment														
Conventional System Management Equipment														
Control Station Equipment														
Encryption Hardware														
Other - Fill in as required														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Per Site														
Dispatch Site Server/Central Equipment														
Local Channel Interface Equipment														
CAD interface														
Mechanical and mounting equipment														
Networking Equipment														
Racks, UPS and Surge Protection														
Soft-Console interface														
Other - Fill in as required														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Software														
(Please detail software packages)														
Per Console System Software														
Per Console Site Software														
Per Console Position Software														
Per Control Station Software														
Trunked System Management Software														
Trunked System Management Per-Position Software														
Other System Management Software (System)														
Other System Management Software (Per-Position)														
Soft-Console package per system														
Soft-Console package per user														
Other - Fill in as required														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Services	**List Hour Rate**	**Discount Rate**												
Installation, Turn-Up and Optimization, Dispatch Positions														
Installation, Turn-Up and Optimization, Console Common Equipment														
Installation, Turn-Up and Optimization, Dispatch Control Station Equipment														
Program Management and Supervision														
Other - Fill in as required														
Service Lease Offering; Annual Amount (Specify any escalation percentage)														
Indicate any items above included in this offering by placing "Included" in the cost field														
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance														
Extended Dispatch Total Costs													$ -	

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Subscriber Packages					
Portable Package 1					
Portable Package 2					
Portable Package 3					
Portable Package 4					
Portable Package 5					
Portable Package 6					
Portable Package 7					
Portable Package 8					
Mobile Package 1					
Mobile Package 2					
Mobile Package 3					
Mobile Package 4					
Mobile Package 5					
Mobile Package 6					
Mobile Package 7					
Mobile Package 8					
Control Station Package 1					
Control Station Package 2					
Control Station Package 3					
Control Station Package 4					
Control Station Package 5					
Optional Subscriber Unit Packages (Please Define)					
Radio Coverage Testing Package					
Subscriber Package Installation Costs					
To include programming, alignment, and installation per RFP					
Portable Package 1					
Portable Package 2					
Portable Package 3					

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Portable Package 4					
Portable Package 5					
Portable Package 6					
Portable Package 7					
Portable Package 8					
Mobile Package 1					
Mobile Package 2					
Mobile Package 3					
Mobile Package 4					
Mobile Package 5					
Mobile Package 6					
Mobile Package 7					
Mobile Package 8					
Control Station Package 1					
Control Station Package 2					
Control Station Package 3					
Control Station Package 4					
Control Station Package 5					
Chargers					
Single Unit Charger (Portable Package 1)			145		
Single Unit Charger (Portable Package 2)			13		
Single Unit Charger (Portable Package 3)			2		
Single Unit Charger (Portable Package 4)			14		
Single Unit Charger (Portable Package 5)			19		
Single Unit Charger (Portable Package 6)			1		
Single Unit Charger (Portable Package 7)			7		
Single Unit Charger (Portable Package 8)			3		
Gang Chargers (Portable Package 1)			726		
Gang Chargers (Portable Package 2)			65		
Gang Chargers (Portable Package 3)			10		

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Gang Chargers (Portable Package 4)			68		
Gang Chargers (Portable Package 5)			96		
Gang Chargers (Portable Package 6)			1		
Gang Chargers (Portable Package 7)			35		
Gang Chargers (Portable Package 8)			14		
Extended Subscriber Total Costs					$ -

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Optional Accessories					
Portable					
Battery Standard					
Battery Extended Life					
Battery Intrinsically Safe					
Battery AA Clamshell					
In-Vehicle Battery Charger					
Encryption AES (Multiple Key Capable)					
Encryption AES					
Encryption Key Loader and Cables					
Radio Programming hardware/cable					
Radio Programming Software					
Portable Radio Antenna - Spare					
GPS Option/Accessory					
Bluetooth Option (in radio)					
Remote speaker microphone without antenna					
Remote speaker microphone with GPS					
Remote speaker microphone with keypad					
Remote speaker microphone with Amplified Speaker					
Wireless remote speaker microphone					
Headset - Wired					
Headset - Bluetooth					
Carrying Case					
Belt Clip					
Other - Fill in as required					

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Optional Accessories					
Mobile					
Encryption AES (Multiple Key Capable)					
Radio Programming hardware/cable					
Radio Programming Software					
Vehicle Antenna - Spare/Replacement					
GPS Option/Accessory					
Bluetooth Option (in radio)					
Spare/Replacement microphone					
Noise canceling microphone					
Remote speaker microphone with keypad					
Remote Amplified Speaker					
Second Control Head					
Vehicular Extender System					
Adapters					
Power Cables					
External Weatehrproof Speakers					
Extension Cables					
Fire Apparatus Mobile Headset Adapter Kit					
Call Alert/Page Feature hardware for Horn/Lights activation					
Other - Fill in as required					
Control Station					
Encryption AES (Multiple Key Capable)					
Radio Programming hardware/cable					
Radio Programming Software					
Antenna System - Spare/Replacement					
Spare/Replacement microphone					
Desktop Remote Control					
Console Interface Equipment					

Subscriber Costs	List Cost	Discount Cost	Proposed Quantity	Tax/Freight	Extended Cost
Other - Fill in as required					

Spare Equipment Costs	List Cost	Discount Cost	Recommended Quantity	Tax/Freight	Extended Cost
Per Site					
800 MHz Trunked Repeaters					
Low-band VHF Convetional Base(s)					
High-band VHF Convetional Base(s)					
UHF Convetional Base(s)					
800 MHz Conventional Repeater(s)					
Trunked Control Equipment					
Conventional Interface Equipment					
Site Networking Equipment					
Racks, UPS and Surge Protection					
Simulcast Timing Equipment					
Site control and alarm system					
Other - Fill in as required					
Per Site (Antenna System)					
Trunked Antenna System					
Other Antenna System					
Other - Fill in as required					
Dispatch Control					
Dispatch Position Computer and Electronics Equipment					
Dispatch Position Peripheral Equipment					
Dispatch System Management Equipment					
Trunking System Management Equipment					
Encryption Hardware					
Dispatch Site Server/Central Equipment					
Conventional Channel Interface Equipment					
Other - Fill in as required					

Spare Equipment Costs	List Cost	Discount Cost	Recommended Quantity	Tax/Freight	Extended Cost
System Central and Network					
Trunking Master Controller					
Trunking Secondary Controller					
Simulcast Control Equipment					
Conventional Station Control Equipment					
Network Management Server					
Alarm and Monitoring Control					
Trunking Network Equipment					
Conventional Station Network Equipment					
Voting Comparator Equipment					
Simulcast Timing Equipment					
Encryption Hardware					
Other - Fill in as required					
Extended Spares Total Costs					$ -

System Maintenance Costs	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Years 7-18 Each
System Maintenance, Parts Replacement							
Base Stations (Per Station)							
Repeaters (Per Station)							
Site Infrastructure (Per Site)							
Antenna Systems (per Site)							
Trunked System Control (Per Site)							
Mutual Aid Interface Equipment (Per Site)							
Network Equipment (Per Site)							
Simulcast Site Equipment							
Console Position (Per Position)							
Console Common Equipment							
Trunking Core Equipment							
Mutual Aid Control Equipment							
Encryption Common Equipment							
Network Management Equipment							
Microwave Network Equipment							
Common Network Equipment							
Simulcast Central Equipment							
Voting Equipment							
Other - Fill in as required							
Service Lease Offering; Annual Amount (Specify any escalation percentage)							
Indicate any items above included in this offering by placing "Included" in the cost field							
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance							
System Maintenance and Monitoring	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Years 7-18 Each**
System Monitoring 5x8 response							
System Monitoring 7x24 response							
Other - Fill in as required							
Service Lease Offering; Annual Amount (Specify any escalation percentage)							
Indicate any items above included in this offering by placing "Included" in the cost field							
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance							
Subscriber Maintenance	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**	**Years 7-18 Each**
Portable Maintenance Cost (based on total equipment)							
Mobile Maintenance Cost (based on total equipment)							

System Maintenance Costs	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Years 7-18 Each
Consolette Maintenance Cost (based on total equipment)							
Other - Fill in as required							
Service Lease Offering; Annual Amount (Specify any escalation percentage)							
Indicate any items above included in this offering by placing "Included" in the cost field							
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance							

System Maintenance Costs	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Years 7-18 Each
Software Maintenance	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Years 7-18 Each
Software Maintenance addresses bug fixes and mandatory updates	Software Maintenance	Software Maintenance	Software Maintenance	Software Maintenance	Software Maintenance	Software Maintenance	Software Maintenance
(Please detail software packages)							
Trunked System Core Software							
Trunked P25 Phase II Software							
Conventional System Controller Software							
Network Management Software							
Alarm and Monitoring Software							
Encryption Control Software							
Simulcast Software							
Per Console System Software							
Per Console Site Software							
Per Console Position Software							
Trunked System Management Software							
Trunked System Management Per-Position Software							
Conventional System Management Software							
Convnetional System Management Per-Position Software							
Station Software (Please Detail)							
Trunked P25 Phase II Software (Per Site)							
Simulcast Software (Per Site)							
Trunked Control Software (Per Site)							
Conventional Interface Software (Per Site)							
Site Networking Software (Per Site)							
Other - Fill in as required							
Service Lease Offering; Annual Amount (Specify any escalation percentage)							
Indicate any items above included in this offering by placing "Included" in the cost field							
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance							

System Refresh Costs		
Hardware Refresh	**Year 6**	**Year 12**
Hardware Upgrade includes hardware required to allow system software upgrade	**Hardware & Services Upgrade Cost**	**Hardware & Services Upgrade Cost**
(Please detail Hardware and Implementation Services packages as required)		
Service Lease Offering; Annual Amount (Specify any escalation percentage)		
Indicate any items included in this offering by placing "Included" in the cost field		
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance		

System Refresh Costs		
Software Refresh	**Year 6**	**Year 12**
Software Upgrade includes Software Maintenance plus all version updates	**Software Upgrade Cost**	**Software Upgrade Cost**
(Please detail Software packages as required)		
Service Lease Offering; Annual Amount (Specify any escalation percentage)		
Indicate any items included in this offering by placing "Included" in the cost field		
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance		

System Optional Costs	Equipment or Other Materials	Services	Tax/Freight	Equipment Materials + Services +Tax/Freight
Scope Options (Required)				
PERS Replacement System (per RFP Section 2.1.4.1)	$	$	$	$
Please duplicate cost sheets 1, 2, 3, 5, 6, and 7 as required				
Voice Logging Recorder (per RFP Section 2.1.4.2)	$	$	$	$
Please duplicate cost sheets 1, 5, 6, and 7 as required				
Service Lease Offering; Annual Incremental Amount (Specify any escalation percentage)				
Indicate any items above included in this offering by placing "Included" in the cost field				
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance				
Required Options				
P25 AES Encryption to Trunking system	$	$	$	$
Increase trunked system by one T/R site	$	$	$	$
Asset management integration with core subscriber database	$	$	$	$
Microwave system tie-in to existing City sites	$	$	$	$
P25 AES Encryption to Console system	$	$	$	$
Remote Consoles (per position)	$	$	$	$
Optional Size Console Monitor (Per Position)	$	$	$	$
Optional System Maintenance (Please list options)	$	$	$	$
Optional System Software or Other Upgrades	$	$	$	$
ISSI Options (per RFP Section 2.3.2 Item H)				
Optional ISSI; 2 additional links	$	$	$	$
Optional ISSI; 4 additional links	$	$	$	$
Optional ISSI; 6 additional links	$	$	$	$
1 Microwave Hop (per RFP Section 2.3.10 Item I)	$	$	$	$
800 MHz Conventional Repeater	$	$	$	$
Required Options (cont.)				
In-Building Coverage Systems				
Please duplicate cost sheets 2, 5, 6, and 7 as required				
County Jail 1 & 2	$	$	$	$

System Optional Costs	Equipment or Other Materials	Services	Tax/Freight	Equipment Materials + Services +Tax/Freight
San Bruno County Jail	$	$	$	$
Moscone Center	$	$	$	$
San Francisco Main Library	$	$	$	$
DeYoung Museum	$	$	$	$
San Francisco General Hospital	$	$	$	$
Superior Court	$	$	$	$
Service Lease Offering; Annual Incremental Amount (Specify any escalation percentage)				
Indicate any items above included in this offering by placing "Included" in the cost field				
For costs that vary with subscriber quantities, use Subscriber Equipment sheet for guidance				

Financing Option[1]		Assumed Useful Life	Interest Rate		Term (Years)	Average Annual Payment[4]	Annual Payments																		Residual Due At Term (Zero=Paid in Full; N/A=No buyout option)	Pre-Payment Option Available Without Penalty (Yes/No)
			Variable[2]	Fixed			YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13	YEAR 14	YEAR 15	YEAR 16	YEAR 17	YEAR 18		
a. Conventional financing at market or below market rates	CERS Infrastructure Costs																									
	CERS Subscriber Costs																									
b. Conventional leasing with ownership transferring at the end of the lease term	CERS Infrastructure Costs																									
	CERS Subscriber Costs																									
c. Conventional leasing with purchase option at the end of the lease term	CERS Infrastructure Costs																									
	CERS Subscriber Costs																									
d. Leasing with the option to convert to conventional financing at the end of the term[3]	CERS Infrastructure Costs																									
	CERS Subscriber Costs																									
e. Leasing with the option to renew lease for an additional term	CERS Infrastructure Costs		N/A	N/A																						
	CERS Subscriber Costs		N/A	N/A																						
f. Leasing with option for system refresh/renew and lease renew for an additional term	CERS Infrastructure Costs		N/A	N/A																						
	CERS Subscriber Costs		N/A	N/A																						
g. Service lease with no ownership	CERS Infrastructure Costs		N/A	N/A																						
	CERS Subscriber Costs		N/A	N/A																						

1 - Please include special conditions, Customer References, and any proprietary/value added information as notes in this workbook
2 - If variable interest rate, please provide associated index
3- Please note both the lease interest rate and conventional financing rate
4- Attach lease payment schedule as necessary