

East Bay Regional Communications System Authority (EBRCSA) Financing Overview

Presented by:

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East Bay Regional Communications System Authority

Current Communications Systems Contra Costa County

800 MHz

San Pablo Police
Richmond Police
Richmond Fire
Pinole Police
Hercules Police
El Cerrito
Kensington
BART
California State Parks

900 MHz

AMR

Low Band

East Bay Parks
CHP

UHF

Walnut Creek Police
Pleasant Hill Police
Pittsburg Police
Martinez Police
Concord Police
Clayton Police

VHF

San Ramon Valley Fire
San Ramon Police
Rodeo Hercules Fire
Rio Vista Police
Pinole Fire
Oakley Police
Moraga-Orinda Fire
Moraga Police
CDF
Coast Guard

Lafayette Police
East Contra Costa Fire
Danville Police
Crockett-Carquinez Fire
Contra Costa Sheriffs
Contra Costa Fire
Brentwood Police
Antioch Police
Contra Costa Com. Col.
FBI

Current Communications Systems Alameda County

VHF / UHF

- Albany
- Hayward
- Berkeley
- Coast Guard
- FBI

Low Band

- East Bay Parks
- CHP

800 MHz Trunked Systems

- Alameda County
 - Fremont
 - Alameda
 - Union City
 - Newark
 - San Leandro
 - Dublin
 - Cal State East Bay
 - Livermore / Pleasanton
 - UC Berkeley
 - EBMUD* (conventional)
 - CalTrans
- BART
 - Oakland includes:
 - Piedmont
 - Emeryville
 - Port of Oakland

CTA Recommended System Design

Cell	Repeater Sites	Channels	Standalone Sites	Channels
ALCO Northwest	4	16	1	4
ALCO Southwest	7	12	1	5
ALCO East	4	10	1	4
CCCO West	4	10	1	5
CCCO Central	8	10		
CCCO East	3	7	2	3-4e

CTA Infrastructure Cost Projections

- CTA developed the probable cost to complete \$35,201,000 (includes \$3 million contingency)
- CTA determined the operations/maintenance costs at \$3,850,900 per year which includes software maintenance, technical assistance, reoccurring costs such as staffing, utilities, leasing, buildings, and roads

Grant Funds/Match Dedicated to the EBRCS

Year	Source	Oakland	ALCO	COCO	Total
2004	UASI	5,400,000			5,400,000
2004	SHSGP		5,519,819	223,293	5,743,112
2005	UASI		1,347,694	737,732	2,085,426
2005	SHSGP		0	309,294	309,294
2006	SUASI		2,150,000	1,000,000	3,150,000
2006	SHSGP		1,842,866	828,899	2,671,765
2007	SUASI		645,425	551,425	1,196,850
2007	SHSGP		1,200,000	831,000	2,031,000
2008	*COPS		500,000	1,500,000	2,000,000
2008	Earmark				808,000
2008	SUASI		511,000	511,000	1,022,000
2008	*PSIC				3,889,498
2008	SHSGP		1,358,767	850,000	2,208,767
2008	Local Match				1,004,198
2009	Earmark				1,170,000
2009	SHSGP		1,000,000	1,164,000	2,164,000
2010	Earmark				<u>1,050,000</u>
				Total	\$38,965,910

* Requires local match

Cost to Complete

CTA Cost to Complete \$35,201,000

Grants received in 2009

SHSGP 2,164,000

COPS 1,050,000

3,214,000

3,214,000

***Total Cost to Complete \$ 31,987,000**

* Includes infrastructure for the City of Oakland

System Financing

- The Finance Committee reviewed options for issuing debt to fund the remaining infrastructure including: “Wholesale” counties take the lead; “Retail” member agencies share the responsibility
- Both counties have expressed an interest in taking the lead. This will provide the most cost effective approach
- Stimulus bonds in three different categories are being reviewed: Build America Bonds, Recovery Zone Economic Development Bonds, Recovery Zone Facility Bonds.
- Auditor Controllers from both counties will be meeting to review options, and assist in drafting the financing documents

System Financing Cont'd

- The goal is to issue the debt and capitalize the first three years interest payments so member agencies will not pay debt service until 2014
- The Finance Committee has set a maximum of \$40 per month per subscriber unit . The cost per unit will be determined by the number of system users, debt payments, and maintenance/operations cost

Infrastructure Development

	2010	2011	2012	2013	2014	2015
ALCO East	X					
CCCO West	X					
ALCO NW		X-----X				
ALCO SW		X-----X				
CCCO Central		X-----X				
CCCO East		X-----X				
Standalone Sites				X	X	X

System Access and User Fees

- System backbone costs will be allocated to each jurisdiction based on the number of radios each jurisdiction operates on the system
- Ongoing system operations, upgrades, and replacement will be funded through a subscriber fee.
- New users will be charged the operating subscriber unit fee and a start up fee per radio to join the system.

Subscriber Fees

Exhibits #3-7

User Count	18,500	17,500	14,140	13,140	12,640
By County					
Alameda	13,461	12,461	9,101	8,101	7,601
Contra Costa	5,039	5,039	5,039	5,039	5,039
Main. and Ops.	\$17.34	\$18.33	\$22.69	\$24.42	\$25.38
Debt Service	<u>\$10.64</u>	<u>\$11.25</u>	<u>\$13.92</u>	<u>\$14.98</u>	<u>\$15.57</u>
	\$27.98	\$29.58	\$36.61	\$39.40	\$40.95

Maintenance and Operations \$3,850,900 per year
Debt Service on \$19,000,000 at 5% interest \$2,362,908 per year

System Financing Timing

- 1st. Quarter 2010 - Finance Committee develops financing options with County and member agency input
- 2nd. Quarter 2010 - Selected financing option reviewed by City managers, and Mayors conferences in both counties
- 3rd. and 4th. Quarters 2010 - Member agencies take legislative action to assume debt payments
- 1st. Quarter 2011 - Debt is issued
- 2014 - Member agencies begin paying subscriber fees

Member Agency Considerations

- Plan to be operational on the new system by 2013
- All subscriber unit purchases moving forward should be 700/800 MHz. P-25 Phase 2 capable
- Agencies with dispatch centers that have not been upgraded will have their consoles replaced with Motorola MCC 7500 consoles
- Training will be available on the MCC 7500's
- EBRCSA is planning to have a NICE system logger available to member agencies
- Member agency personnel involvement is essential, opportunities exist in fleet mapping, training on consoles, logging recorder implementation etc.

Questions?

Find the answers at:

ebrcsa.org