

DEPARTMENT OF PUBLIC WORKS
Quality, Excellence, Innovation

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DATE: March 2, 2015
TO: MERA Finance Committee
FROM: Craig Tackabery, Operations Officer

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SUBJECT: AGENDA ITEM C: NEXT GEN PROJECT CASH FLOW PROJECTIONS – FY 15/16 AND FY 16/17

Recommended Action: Accept report.

Accounting

Background: With the passage Of Measure A in November, work has commenced on the Next Generation project. Below is a schedule that was prepared last year.

Airport

Building Maintenance

Capital Projects

Certified Unified Program Agency (CUPA)

Communications Maintenance

County Garage

Disability Access

Engineering & Survey

Flood Control & Water Resources

Land Development

Purchasing

Real Estate

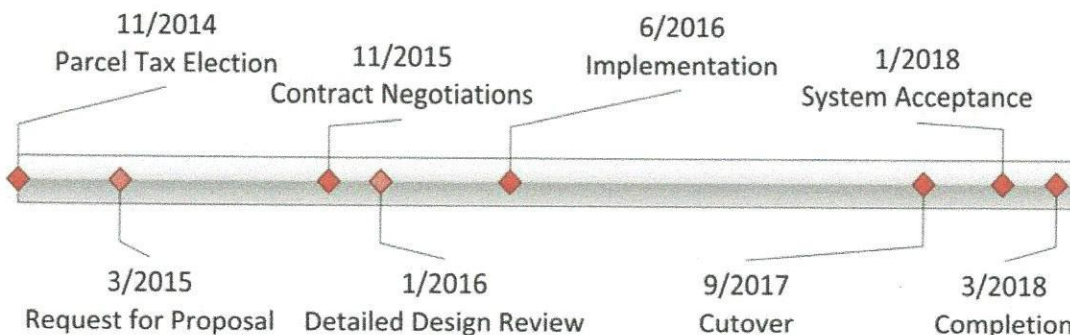
Reprographic Services

Road Maintenance

Stormwater Program

Transportation & Traffic Operations

Waste Mancaement



Progress is lagging a few months, with a Request for Proposal for the System Vendor (identified as 3/2015) likely to be ready to release this summer.

For FY 15/16 we expect staff and consultant tasks to include System Vendor selection and commencement of Detailed Design. For FY 16/17 we expect completion of Detailed Design, environmental compliance, planning entitlements, permits, lease negotiations, frequency coordination, shelter and civil improvements, and shipment of Next Gen Radio and Microwave equipment.

Estimated costs are contained in Appendix G (attached) of the Next Generation Radio System Implementation Feasibility Study dated December 11, 2013. For budget purposes, we assume the System Vendor contract will stipulate 20% due at contract execution, 5% due at completion of preliminary design, and 5% due at completion of final design, 40% due at shipment of backbone equipment.

Below is a preliminary cash flow forecast. More certainty of short term cash flow needs will be available at each major project milestone.

Fiscal Year	Consultant	Staff	Vendor	Shelter/Civil	Total
15/16	200,000	86,000	3,200,000		\$3,486,000
16/17	1,800,000	450,000	8,000,000	5,400,000	\$15,650,000

Appendix G: Estimated Costs
(IN THOUSANDS OF DOLLARS)

	Next Gen Radio	M/W Equip	Shelter improvements	Civil	Freq. Coord. including M/W needs	Environmental Compliance	Legal Planning permits leases	Staff Support
Tomales *	608	167	223	223	11	28	38	77
Pt Reyes *	608	250	223	0	11	28	38	77
Barnabe *	608	250	223	0	11	28	38	77
Stewart Pt *	608	167	223	0	11	28	38	77
Sonoma *	608	0	223	0	11	28	38	77
Burdell *	608	250	0	0	11	28	38	77
Big Rock *	608	167	223	0	11	28	38	77
San Pedro *	608	250	223	0	11	28	38	77
Forbes *	608	250	223	0	11	28	38	77
Dollar *	608	250	223	0	11	28	38	77
Tam *	608	250	223	0	11	28	38	77
Millvalley *	608	250	0	0	11	28	38	77
Tiburon *	608	250	223	0	11	28	38	77
Wolfback *	608	250	223	0	11	28	38	77
Martha	608	250	223	262	11	28	38	77
Muir	608	167	223	0	11	28	38	77
Bayhill	608	167	223	87	11	28	38	77
Civic Center/EOF *	608	167	700	0	11	28	38	77
2nd M/W site1		250	223	262	11	28	38	77
Subtotal	10,942	4,000	4,264	1,135	216	528	713	1,468
System Equipment/backbone costs	23,266							
Subscribers: 3,000 - 200 non-member unit cost with discount \$2930.10	8,204							
Total 18 site w/subscriber (no tax)	31,470							
Tax @8.25%	2,596							
Sub Total	34,066							
Contingency 17%	5,934							
TOTAL	40,000							