

COUNTY OF MADERA  
 BUDGET UNIT DETAIL  
 BUDGET FOR THE FISCAL YEAR 2018-19

Department: MICROWAVE RADIO SERVICES  
 (11300)  
 Function: General  
 Activity: Other General  
 Fund: Microwave Radio Fund

	<b>ACTUAL 2016-17</b>	<b>BOARD APPROVED 2017-18</b>	<b>DEPARTMENT REQUEST 2018-19</b>	<b>CAO RECOMMENDED 2018-19</b>
BEGINNING FUND BALANCE	202,821			
<b><u>ESTIMATED REVENUES:</u></b>				
640101 Interest on Cash	4,621	0	2,745	2,745
662742 Microwave Radio Service Charges	615,233	640,551	613,185	613,185
Contingencies from Reserves			141,100	141,100
<b>TOTAL ESTIMATED REVENUES</b>	<b>619,854</b>	<b>640,551</b>	<b>757,030</b>	<b>757,030</b>
<b><u>EXPENDITURES:</u></b>				
OPERATING EXPENSES				
720800 Maintenance - Equipment	117,467	104,006	119,685	119,685
721200 Misc Expense - Sales Tax	16,782	17,760	18,116	18,116
721400 Professional Specialized	3,592	87,000	2,000	2,000
721700 Rents & Leases - Building/Land	177,992	192,785	213,616	213,616
721909 Misc Expense - Property Tax	2,105	4,000	2,105	2,105
730302 Retire Capital Lease (Equipment)	210,660	215,000	381,508	381,508
771400 Interfund Expenses	0	20,000	20,000	20,000
<b>TOTAL OPERATING EXPENSES</b>	<b>528,598</b>	<b>640,551</b>	<b>757,030</b>	<b>757,030</b>
<b><u>TOTAL EXPENDITURES</u></b>	<b><u>528,598</u></b>	<b><u>640,551</u></b>	<b><u>757,030</u></b>	<b><u>757,030</u></b>
<b>Income Over / (Under) Expenses</b>	<b><u>91,256</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
Carryover Restricted for Capital Replacement	369,503	297,191	265,559	265,559

## MICROWAVE RADIO SERVICES

### COMMENTS

In early FY 2009-10, the County assumed full responsibility for operating and maintaining the Microwave Radio System. Approximately \$1 Million in new microwave radio equipment was acquired through a lease/purchase program and installed on existing tower locations that are leased from private owners. Madera County has contracted with Fresno County to maintain the radio system equipment since Fresno County owns and operates a large Microwave Radio System that utilizes some of the towers and equipment in Madera County. Madera County's Information Technology Department provides management of this function and budget.

Radios are used by several County Departments as a primary method of mobile communications throughout the County. The Departments currently using hand-held and/or vehicle-mounted radios include Sheriff, Fire, Probation, Corrections, Roads, and Animal Services. These radios are utilizing the recently installed Microwave Radio System throughout Madera County. In addition, data has now been integrated into the Microwave system for the communities of Chowchilla and Oakhurst.

In Fiscal Year 2017-18, a Microwave Network Transformation Project was started with an expected completion date of September 2018.

NOTE: This is not a General Fund Budget.

### ESTIMATED REVENUES

**640101**      **Interest on Cash** (\$2,745) is recommended based on projected returns on the cash balance of the Microwave Radio Fund.

**662742**      **Microwave Radio Service Charges** (\$613,185) is recommended decreased \$27,366. This income will be used to pay for the actual cost of operating and maintaining the microwave radio system. Included in this budget amount are estimated reserves from Fiscal Year 2017-18 of \$265,559 which will be used to replace microwave assets when required and to exercise a purchase option per a 2009 Lease Purchase Agreement.

### OPERATING EXPENSES

**720800**      **Maintenance - Equipment** (\$119,685) is recommended increased \$15,679 for contracted maintenance services from Fresno County and maintenance agreements on equipment.

**721200**      **Miscellaneous Expenses – Sales Tax** (\$18,116) is recommended increased \$356 to pay for sales tax associated with the capital lease.

## MICROWAVE RADIO SERVICES

### OPERATING EXPENSES (continued)

- 721400**      **Professional & Specialized** (\$2,000) is recommended decreased \$85,000 to pay for vendor support and for consultant services.
- 721700**      **Rents & Leases - Building/Land** (\$213,616) is recommended increased \$20,831 and includes the costs for leasing existing tower space from private land owners. Per the original Lease Agreement, there is an annual increase in the cost of the lease and adding additional equipment has required more space to be leased.
- 721909**      **Miscellaneous Expenses – Property Tax** (\$2,105) is recommended decreased \$1,895 to pay for property tax associated with the capital lease.
- 730302**      **Retire Capital Lease** (\$381,508) is recommended increased \$166,508 for the annual principal and interest payment for the new microwave radio equipment that is being acquired through a five-year lease/purchase agreement. In addition, per a 2009 Lease Purchase Agreement, there is a final purchase payment of \$143,845 on the original microwave radio equipment.
- 710100**      **Interfund Expenses** (\$20,000) is recommended unchanged to appropriately assign labor expended from the Office of Information Technology to coordinate all microwave activities and upgrades.
- Carryover Restricted for Capital Replacement** (\$265,559) is recommended to be funded through unexpended/reserve funds from FY 2018-19, and will be used to replace equipment when required and to fund the final purchase payment of \$143,845 per the 2009 Lease Purchase Agreement of the original microwave equipment.