



# Inlet Conduit Relocation at the Weymouth plant

Engineering and Capital Programs Committee

Item 8-2

August 17, 2009

# Current Action

- Appropriate \$43 M in budgeted funds
- Authorize \$30,077,700 contract to J.R.Filanc Construction Company for Weymouth Inlet Conduit Relocation, Rapid Mix System, and Fire and Domestic Water System Upgrades & related work
- Authorize amendment to exist. agreement with Carollo Engineers

# Metropolitan Water Treatment Plants





# Weymouth Plant: 3 Projects





# Inlet Conduit Relocation & Rapid Mix



# Fire Water & Domestic Water Systems Upgrade

## ● Background

- Combined Fire & Domestic Water loop
- Inadequate fire water for planned facilities

## ● Scope of Work

- Construct 2 new fire/domestic water pumps, piping & additional fire hydrants to meet fire-flow reqmnts of Calif. Fire Code





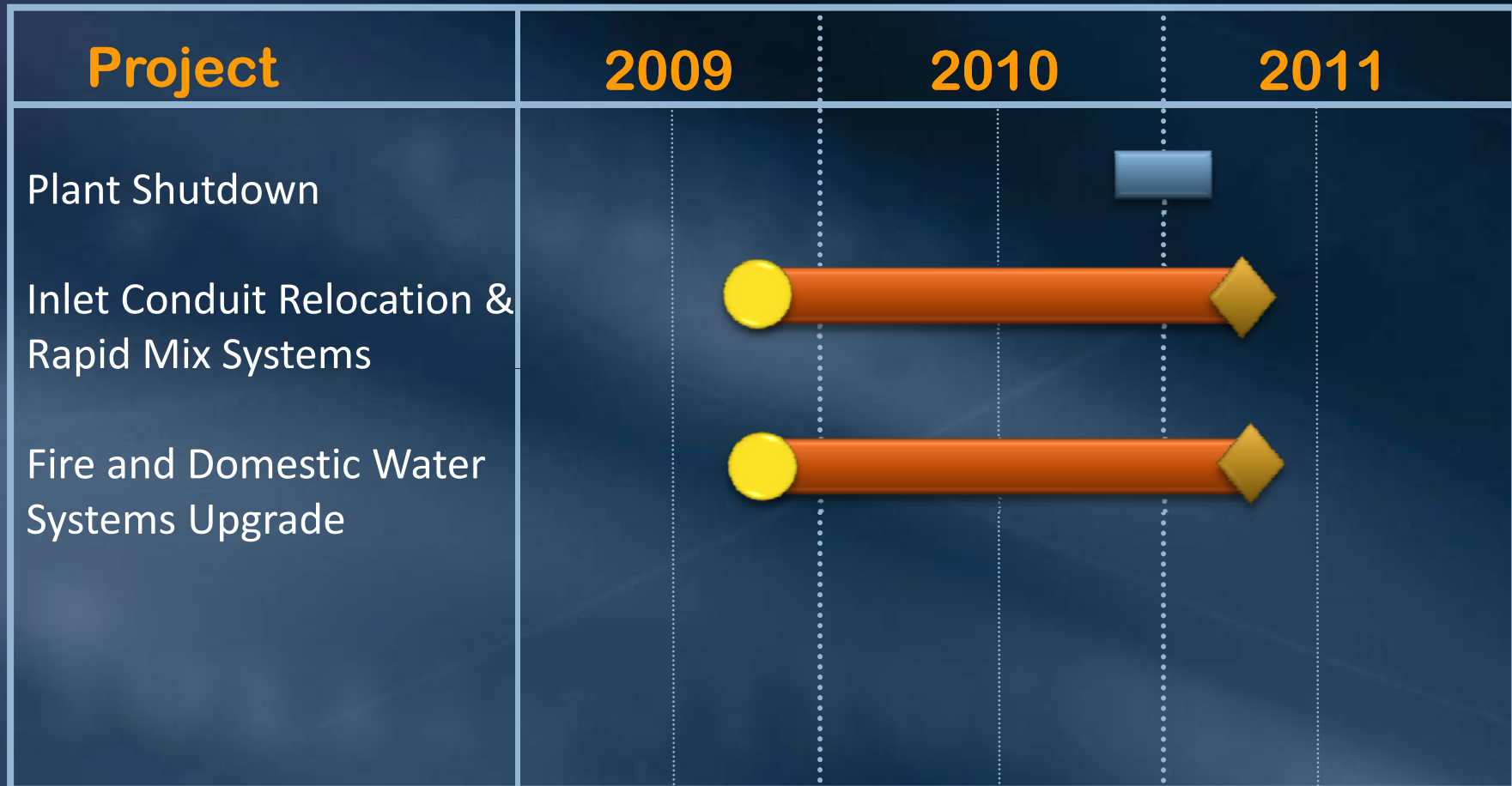
# Bid Results

## Specifications No. 1613

<b>Bids Received:</b>	6/18/2009
<b>No. of bidders:</b>	5
<b>Lowest bidder:</b>	J.R. Filanc Construction Co., Inc.
<b>Lowest bid:</b>	\$ 30,077,700
<b>Bid range:</b>	\$ 30 M to \$ 48 M
<b>Engineer's estimate:</b>	\$ 52.5 M
<b>* SBE Participation:</b>	23.7%

\*SBE (Small Business Enterprise) participation goal = 20%

# Project Schedules





# Weymouth Improvements Program - Rapid Mix System & Fire/Domestic Water System Upgrades

## Labor

Owner Costs (Proj.mgmt & environ. monitoring)	\$492,200
Submittal review, O&M manuals & as-builts	\$810,200
Construction Inspection & Support	\$2,585,600
Metropolitan Force Construction	\$1,831,800
Mat'ls, Supplies & Incidentals	\$373,200
Professional/ Technical Services	
Carollo Engineers	\$715,000
Environmental Services Assoc.	\$52,900
Contract	\$16,241,900
<u>Remaining Budget</u>	<u>\$1,645,200</u>
<b>Total</b>	<b>\$24,748,000</b>

# Weymouth Oxidation Retrofit Program - Inlet Conduit Relocation

## Labor

Owner Costs (Proj. mgmt & environ. monitoring)	\$419,400
Submittal review, O&M manuals & as-builts	\$402,600
Construction Inspection & Support	\$2,202,600
Mat'ls, Supplies & Incidentals	\$69,000
Professional/ Technical Services	
Labor Compliance Program *	\$100,000
Environmental Services Assoc.	\$45,100
Contract *	\$13,835,800
Remaining Budget	\$1,177,500
<b>Total</b>	<b>\$18,252,000</b>

\* Eligible for Prop. 50 grant funds

# Board Options

## ● Option #1

- Adopt CEQA determination
- Appropriate \$43 M
- Award \$30,077,700 construction contract to J.R. Filanc Construction Company, Inc. for Weymouth Inlet Conduit Relocation & related work
- Authorize increase of \$800,000 to existing agreement with Carollo Engineers, for new NTE total of \$11.7 M



# Board Options

- **Option #2**

- Do not award the construction contract & re-advertise

# Staff Recommendation

## ● Option #1

- Adopt CEQA determination
- Appropriate \$43 M
- Award \$30,077,700 construction contract to J.R. Filanc Construction Company, Inc. for Weymouth Inlet Conduit Relocation & related work
- Authorize increase of \$800,000 to existing agreement with Carollo Engineers, for new NTE total of \$11.7 M