



# Diemer and Weymouth Emergency Broadcast System Rehabilitation

Engineering and Operations Committee  
Item 7-4  
October 11, 2010

# Current Action

- Appropriate \$1.48 M in budgeted funds
- Award \$710,000 contract to Unispec Construction, Inc. for Diemer Emergency Broadcast System Rehabilitation
- Authorize final design of Weymouth Emergency Broadcast System Rehabilitation

# Metropolitan Water Treatment Plants



# Background

- Both plants utilize PA systems for operations support & emergency communications
- Backbone components installed in 1960s
- PA systems overtaxed & underpowered with plant expansions
  - Lack of coverage in certain areas
  - New facilities not integrated
- Cal-OSHA requires distinctive / recognizable announcements for work area evacuation



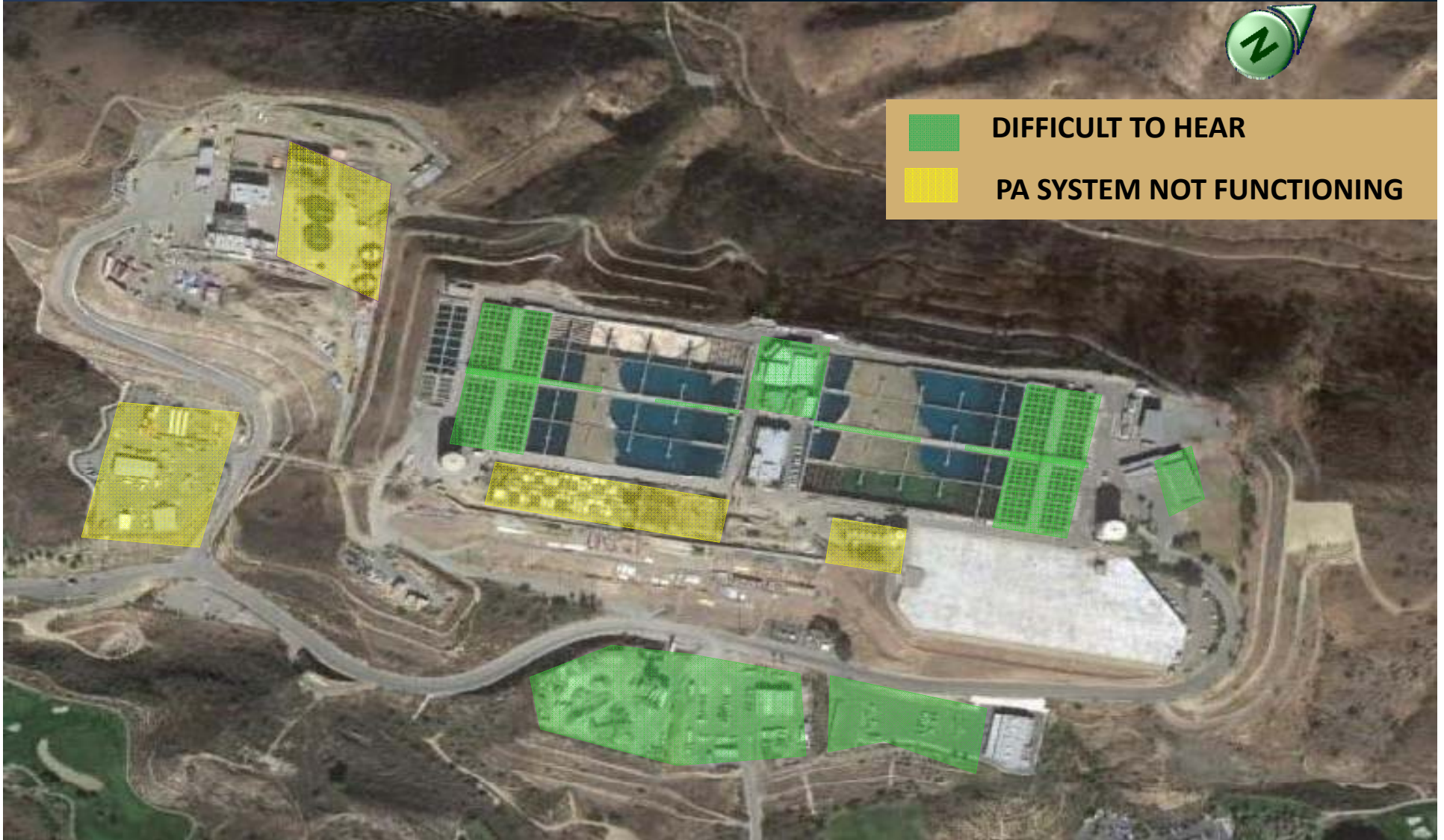
# Diemer Emergency Broadcast System



**DIFFICULT TO HEAR**



**PA SYSTEM NOT FUNCTIONING**





# Weymouth Assessment



# Common Scope

- Upgrade system master controller
- Supplement existing speakers
- Add conduits & cabling
- Connect fiber optics lines between units
  
- **Diemer** – Construction phase
- **Weymouth** - Final Design phase (by Metropolitan staff)



# Bid Results

## Diemer Emergency Broadcast System Specifications No. 1643A

<b>Bids Received:</b>	<b>8/26/2010</b>
<b>No. of bidders:</b>	<b>6</b>
<b>Lowest bidder:</b>	<b>Unispec Construction, Inc.</b>
<b>Lowest bid:</b>	<b>\$710,000</b>
<b>Other bids:</b>	<b>\$748,430 to \$817,784</b>
<b>Engineer's estimate:</b>	<b>\$830,000</b>
<b>*SBE Participation:</b>	<b>100%</b>

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



# Requested Funds

## Diemer Emergency Broadcast System

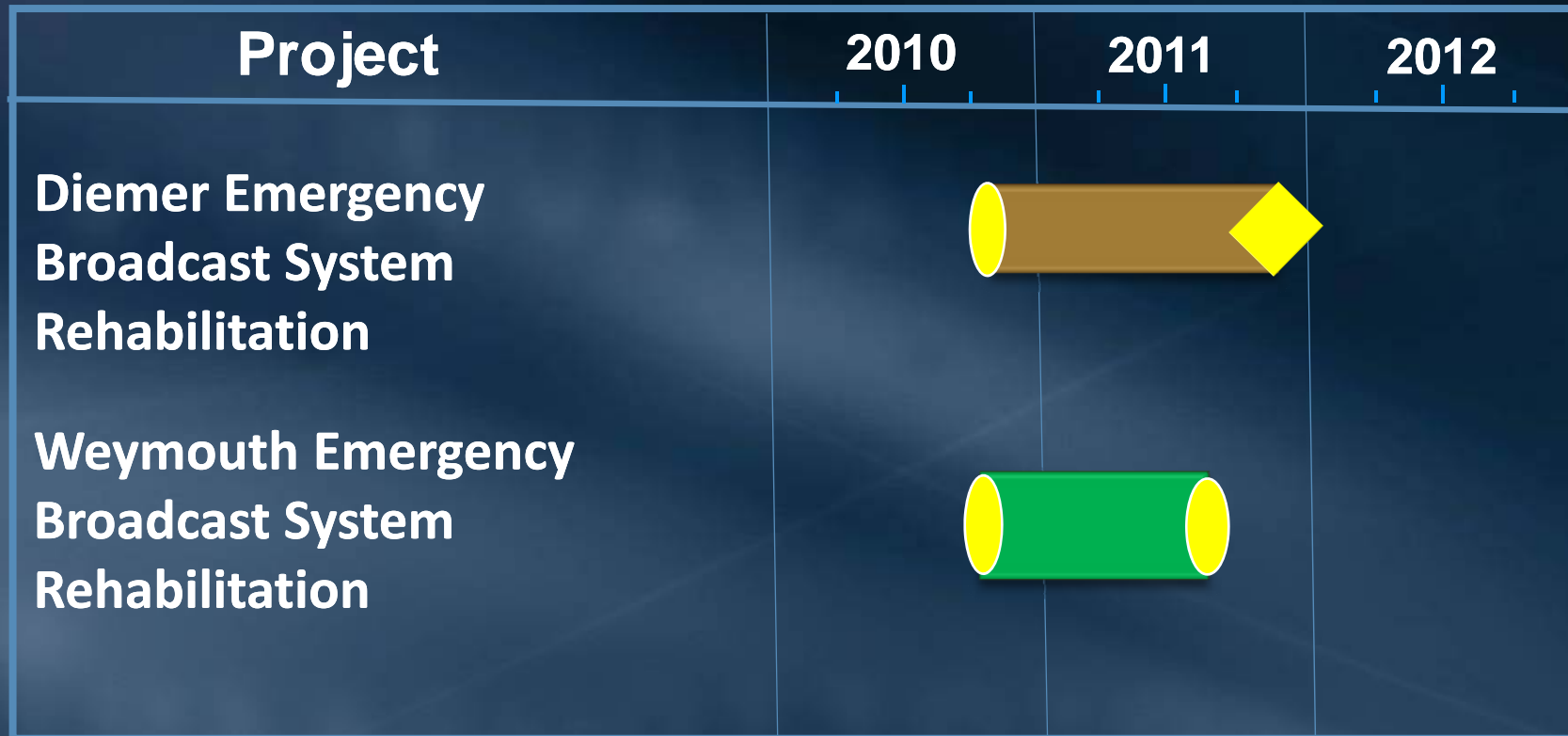
<b>Owner costs</b>	<b>\$ 72,300</b>
<b>Submittals review</b>	<b>22,400</b>
<b>Inspection support</b>	<b>111,400</b>
<b>Met. force construction support</b>	<b>25,400</b>
<b>Incidental expenses</b>	<b>2,000</b>
<b>Contract</b>	<b>710,000</b>
<b>Remaining budget</b>	<b>146,500</b>
<b>Total</b>	<b>\$ 1,090,000</b>

# Requested Funds

## Weymouth Emergency Broadcast System

<b>Owner costs</b>	<b>\$ 106,000</b>
<b>Final design</b>	<b>214,500</b>
<b>Incidental expenses</b>	<b>3,000</b>
<b>Remaining budget</b>	<b>66,500</b>
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<b>Total</b>	<b>\$ 390,000</b>

# Project Schedules



 Board Action

 Final Design

 Complete Construction

 Construction



# Board Options

- Option # 1
  - Adopt the CEQA determinations
  - Appropriate \$1.48 M
  - Award \$710,000 contract to Unispec Construction, Inc. for Diemer Emergency Broadcast System Rehabilitation
  - Authorize final design of Weymouth Emergency Broadcast System Rehabilitation

# Board Options

- Option # 2
  - Adopt the CEQA determinations
  - Appropriate \$390,000
  - Do not award contract for Diemer Emergency Broadcast System Rehabilitation & re-advertise
  - Authorize final design of Weymouth Emergency Broadcast System Rehabilitation
- Option #3
  - Do not proceed with both projects at this time

# Staff Recommendation

- **Option # 1**