



# On-call Professional Services Agreements

Engineering & Operations Committee

Item 7-1

May 7, 2012

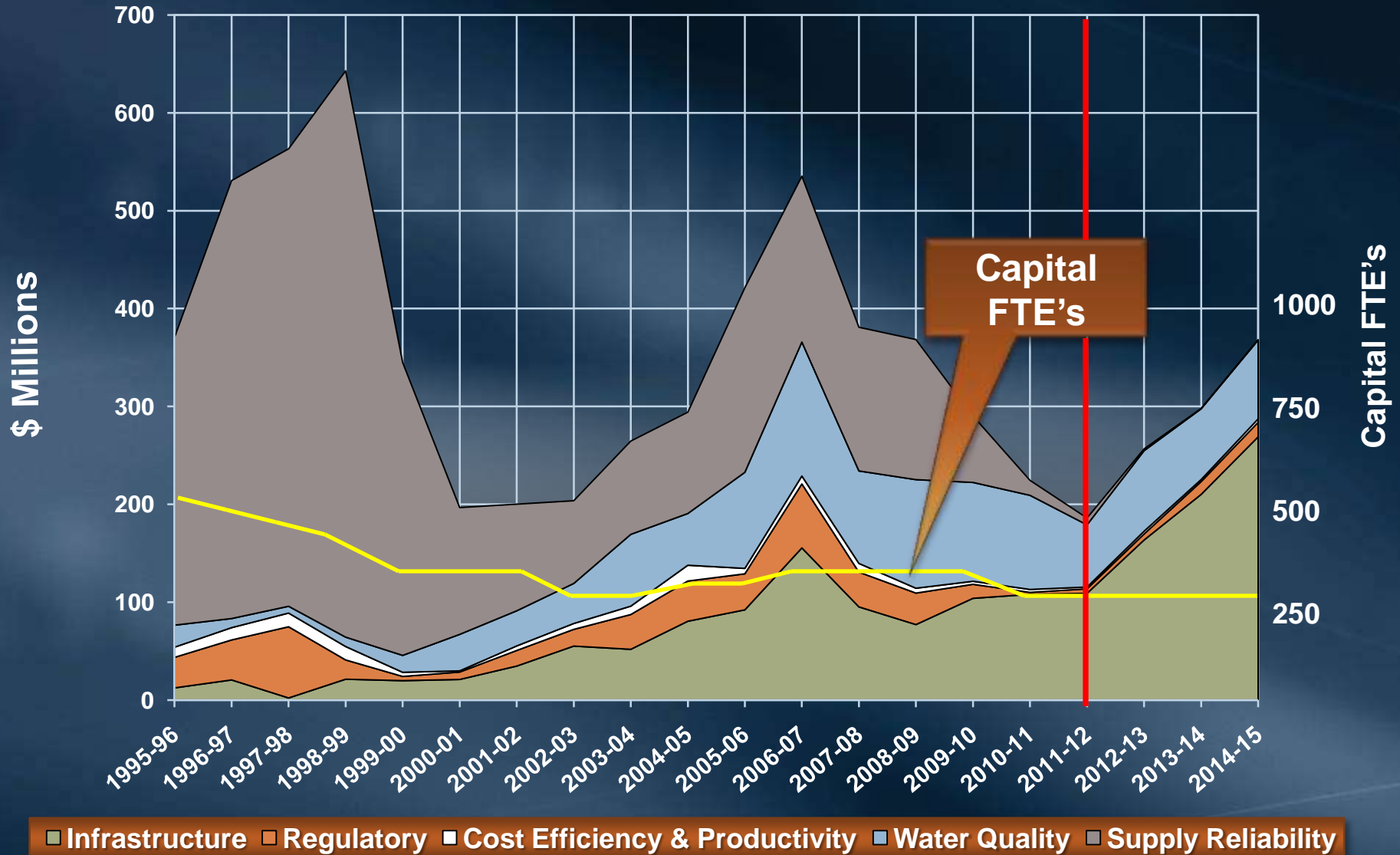
# Current Action

- Authorize 5 on-call professional services agreements to support board-approved capital projects
  - Lee & Ro, Inc.
  - Carollo Engineers
  - ARCADIS/Malcolm Pirnie, Inc.
  - CDM Smith
  - Butier Engineering, Inc.

# Staffing Strategy for Capital Programs

- Rely on in-house labor to fullest extent possible
- Use consultants only:
  - When capital resource needs exceed available staffing for limited duration
  - For specialized technical expertise / skills
  - For independent / 3rd party review

# Capital Investment Plan 1995/96 – 2014/15



# Specialized Professional Services

- Engineering design:
  - Mechanical Equipment
  - Electrical Power Systems
  - Instrumentation & Control Systems
  - Communications & Security Systems
  - Structures
- Construction management & inspection:
  - Electrical System Start-up
  - High & Medium Voltage Systems
  - Instrumentation & Control System Troubleshooting

# Current Action – 5 agreements

- No funding requested in this action
- All programs & funding already approved by the Board, or will be recommended in upcoming actions
- Initial agreement term of one year with an option to renew up to two additional years
- No work guaranteed to firms
- Consulting firms required to maintain full & complete mgmt / supervisory authority over its staff



# Work Planned for Agreements

- Colorado River Aqueduct
  - Intake Power & Communication Line Replacement
  - Auxiliary Power System Rehabilitation
  - CRA Main Pump Reliability Study
- Storage & Distribution Facilities
  - Hydro-Electric Power Plant Improvements
  - Yorba Linda Power Plant Modifications
  - Nitrogen Storage Study at Various Facilities
- Water Treatment Plants
  - Diemer Water Treatment Basin Rehabilitation
  - Filter Valve Replacements

# Design Services Agreements

- Selection followed competitive process
  - 13 firms prequalified under RFQ 927 in 2010
  - 4 agreements recommended
- Scope of work includes conceptual, preliminary & final design for:
  - Water treatment facilities
  - Conveyance, storage & distribution facilities
- SBE participation level established at 18%
- Agreement amount N.T.E. \$1M / year



# Construction Mgmt. & Inspection Services Agreement

- Selection followed competitive process
  - 7 firms prequalified under RFQ 985 in 2011
  - 1 agreement recommended
- Scope of work includes construction mgmt & inspection for:
  - Water treatment facilities
  - Conveyance, storage & distribution facilities
- SBE participation level established at 18%
- Agreement amount N.T.E. \$500K / year

# Recommended Firms

- Design:
  - Lee & Ro, Inc.
  - Carollo Engineers
  - Arcadis/Malcolm Pirnie
  - CDM Smith
- Construction Mgmt. & Inspection:
  - Butier Engineers

# Board Options

## ● Option #1

- Adopt CEQA determination
- Authorize agreements with Lee & Ro, Carollo Engineers, ARCADIS, and CDM Smith, each in an amount not to exceed \$1 M/year, for an initial term of one year with an option to renew two additional one-year periods
- Authorize agreement with Butier Engineering, in an amount not to exceed \$500K /year, for an initial term of one year with an option to renew two additional one-year periods

## ● Option #2

- Do not authorize the 5 agreements

# Staff Recommendation

- Option #1

