

Reservoir - 5C *Rehabilitation*, Project No. 575-93153

Pre-SOQ Meeting
April 22, 2015

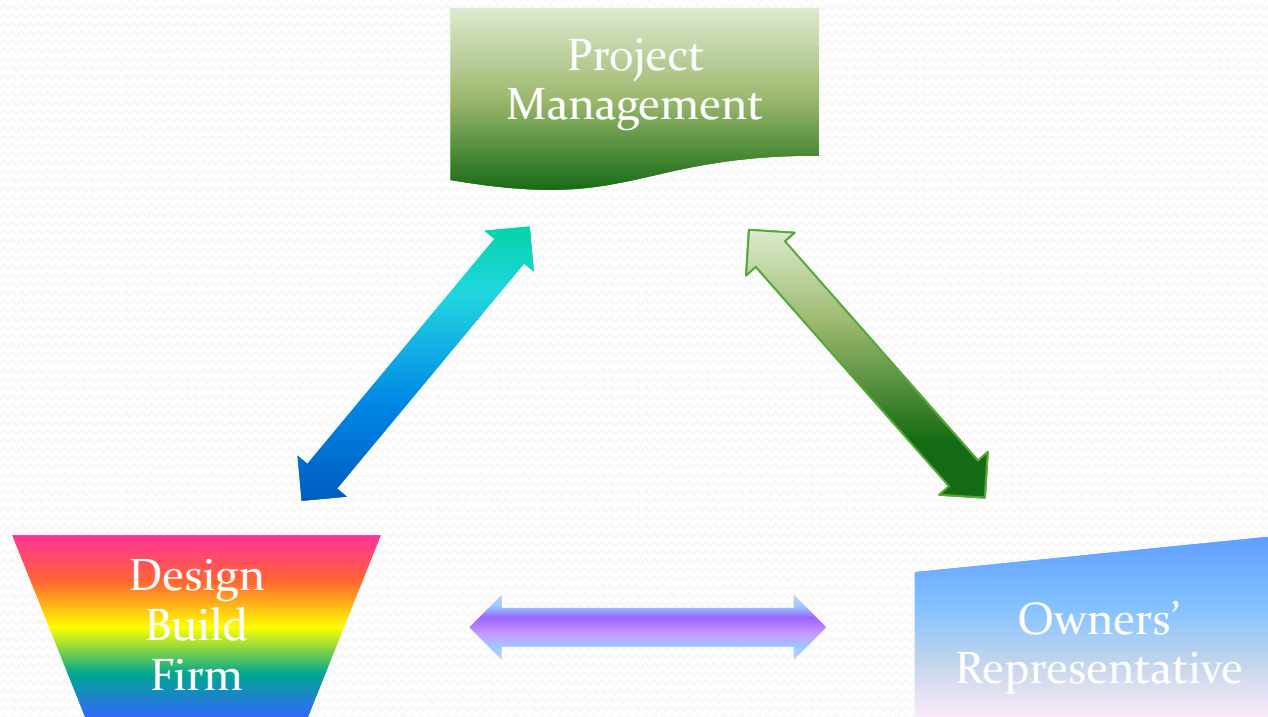
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Agenda

- Introductions
- Design/build opportunity
 - Water system overview
 - Analysis/recommendations
 - Project objectives
- Procurement process
 - Design-build team
 - Short-list selection criteria
 - Design-build contract
- Project schedule
- Next steps/Q&A

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Project Team



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Water System Overview

- Supply: 70% local 30% import
- >30,000 municipal & industrial customers
- 421 miles of pipelines
- 4 TVMWD (MWDSC) connections
- 11 pressure zones/15 pressure regulating stations
- 25 active groundwater wells
- 22 storage reservoirs (88 MG)
 - Reservoir 5C (10 MG)

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Analysis/Recommendations

- Design & constructed: 2002-2003
 - 10MG reinforced concrete reservoir
 - 307 ft x 207 ft w/23 ft high interior walls
 - 4 interconnected chambers
- Defects:
 - Unacceptable exterior leakage
 - Excessive temperature and shrinkage cracking
 - Potential corrosion of reinforcement/structural stability
- Recommendations (BHA, Inc.):
 - Fill 1/16" cracks w/ elastomeric polyurethane non sag sealant
 - Install a interior polyurethane hybrid elastomeric liner (148,800 SF)

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Project Objectives

1. Improve serviceability and structural integrity
2. Long-term performance
3. Low lifecycle cost
4. Best-value design standard
5. Construction during low demand season

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Procurement process

- Two-step process
 - RFQ
 - Financial, technical and performance capabilities
 - RFP
 - Design concepts/technical approach
 - Price proposal
- Design/build/inspect

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Design-Build Team

- I. Engineer of Record
- II. General Contractor
- III. NACE-certified coatings inspector

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Short-list Selection Criteria

- Related Experience -50%
- Key Personnel – 20%
- Company Overview & Background -10%
- Unique Services/Application/Products – 10%
- Team Partnership Environment – 10%

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Project Schedule

RFQ Issuance	April 6, 2015
Pre-SOQ Meeting	April 22, 2015
Last Day for Questions	April 29, 2015
SOQ Due Day	May 6, 2015
Issue RFP to short list	May 19, 2015
Reservoir Inspection	May 26, 2015
Proposal Due Date	June 16, 2015
City Council Award	July 6, 2015

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Design-build contract & General Conditions(draft)

- DBIA/EJCDC/City Attorney
- Scope of Work
 - Performance Specifications (RFP)
 - Technical Specifications
 - Outline/QA program (RFP)
 - Final (DB)
 - Design Professional Services (Professional Standard of Care)
 - Construction
 - Design-Builder Warranty (1, 2 or 5 years)
- Contract Time
 - Substantial completion 130 days
 - Liquidated damages (TBD)
- Procedure for payment
 - Monthly payments
 - Retention: ten percent (10%)

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Q&A

- Additional question can be submitted in writing to:
Timotheus Hampton, PE
Senior Water Resources Engineer
City of Pomona, Public Works Department
Water/Wastewater Operations Division
148 North Huntington Street
Pomona, CA 91768
Tim_Hampton@ci.pomona.ca.us
- Deadline for questions: April 29, 2015
- Site Visit