

# Doing Business with IRWD Engineering

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Always Business Smart Program

May 22, 2013





# Agenda

## Doing Business with IRWD Engineering

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- Engineering Tools & Procedures
  - New Products Review
  - Procedural Guidelines
  - Standard Specifications & Drawings
  - Consultant List
  - Prequalified Contractor List
  - Construction Bid Advertisement
- Upcoming Construction Projects



# Engineering Tools & Procedures

Irvine Ranch Water District

	Consultant	Contractor	Vendor/Mfgr
New Products Review			✓
Procedural Guidelines	✓		
Standard Specifications & Drawings	✓	✓	✓
Consultant List	✓		
Prequalified Contractor List		✓	
Construction Bid Advertisement		✓	✓



# New Products Review

Irvine Ranch Water District

- ❑ Products listed in the Standard Technical Specifications must be approved by New Products Committee
- ❑ Committee Review Process may include:
  - ❑ Vendor/Mfg application and product literature review
  - ❑ Product presentation
  - ❑ Product sample
  - ❑ Reference check with other product users
- ❑ New Products Committee meets the 1<sup>st</sup> Tuesday quarterly
- ❑ Product review can take several months
- ❑ Product Application can be downloaded from the IRWD website:  
<http://www.irwd.com/doing-business/purchasing/standard-product-specifications.html>



# Procedural Guidelines

Irvine Ranch Water District

- ❑ Provides consultants with a guide to the IRWD procedures for processing improvement plans
- ❑ Includes general design criteria for domestic water, sewer, recycled water, and natural treatment system plans
- ❑ Used in conjunction with the “Rules and Regulations for Water, Sewer, Recycled Water and Natural Treatment Systems” and Standard Specifications and Drawings for preparing plans
- ❑ Guidelines can be downloaded from the IRWD website:  
<http://www.irwd.com/doing-business/engineering-planning/engineering-docs.html>
- ❑ E-notify subscribers are informed of updates
- ❑ For more information, email [developmentservices@irwd.com](mailto:developmentservices@irwd.com)



# Standard Specifications & Drawings

Irvine Ranch Water District

- ❑ IRWD Construction Manual contains standard detail drawings and technical specifications for construction
- ❑ Includes standards on materials, approved manufacturers and models, installation methods, and standard assembly of facilities
- ❑ Two separate Committees prepare updates periodically
  - ❑ Standard Specifications Committee
  - ❑ Standard Drawings Committee
- ❑ Construction Manual can be downloaded from the IRWD website:  
<http://www.irwd.com/doing-business/engineering-planning/engineering-docs.html>
- ❑ E-notify subscribers are informed of updates
- ❑ For more information, email [engineering@irwd.com](mailto:engineering@irwd.com)



# Consultant List

Irvine Ranch Water District

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- Informal Process
    - Get to know IRWD prior to project-specific Requests for Proposals
    - Meet with Engineering staff
  - Statement of Qualifications should include:
    - Areas of Expertise
    - Key Staff & Experience
    - Capacity – full service, number of staff
    - Office Location
  - Periodic Updates (Stay in Touch)
  - To arrange a meeting, email [engineering@irwd.com](mailto:engineering@irwd.com) or call the Engineering Dept. at (949) 453-5548



# Prequalified Contractor List

Irvine Ranch Water District

- ❑ Qualification Procedure for Construction Contracts > \$100,000
  - ❑ Only prime contractors are eligible
  - ❑ Submit a Prequalification Packet
  - ❑ Prequalification Packet must be submitted by April 30
  - ❑ Each Packet will be evaluated and scored based on its contents
  - ❑ Results of the evaluation will be returned by August 31
  - ❑ Approved contractors will be placed on the Prequalified Contractors List
- ❑ Prequalification Packet can be downloaded from the IRWD website:  
<http://www.irwd.com/doing-business/engineering-planning/contractor-prequalification.html>
- ❑ For more information, email [engineering@irwd.com](mailto:engineering@irwd.com) or call the Engineering Dept. at (949) 453-5548





# Prequalified Contractor List

Irvine Ranch Water District

- ❑ Project Bidders List for Projects > \$100,000
  - ❑ All projects are advertised to a select list of contractors from the Prequalified Contractor List
  - ❑ Contractors from the Prequalified Contractors List will be selected, on a project by project basis, according to the specialty area in which they are qualified, requirements of the project, specific experience, history of performance, workload, and other factors
  - ❑ The group of selected prequalified contractors for a specific project are referred to as the Project Bidders List
  - ❑ A Project Bidders List is developed prior to the issuance of each project Bid Advertisement and is closed throughout the duration of the bidding period
  - ❑ Prequalification does not guarantee inclusion on any given Project Bidders List



# Prequalified Contractor List

Irvine Ranch Water District

- ❑ Qualification Procedure for Construction Contracts ≤ \$100,000
  - ❑ Subcontractors, suppliers, and vendors are eligible
  - ❑ Prequalification is not required
  - ❑ Must complete Supplier Assessment Form and register with the Purchasing Dept.
  - ❑ The contractor must be registered to be considered for a project's Select Bid List
- ❑ Supplier Assessment Form can be downloaded from the IRWD website at <http://www.irwd.com/doing-business/purchasing/new-suppliers.html>
- ❑ For more information call the Purchasing Dept. at (949) 453-5855



# Bid Advertisement

- ❑ Bid Advertisement List includes:
  - ❑ Project Name/Description (“Bid Advertisement”)
  - ❑ Bidders List (Prequalified Contractors)
  - ❑ Up-to-date Plan Holders List
  - ❑ Pre-Bid Meeting Information
  - ❑ Bid Opening Date, Time and Place
  - ❑ Addenda that have been issued
  - ❑ Bid Results when available
- ❑ Bid Advertisement List is on IRWD website at:  
<http://www.irwd.com/doing-business/engineering-planning/cprojects.html>
- ❑ E-notify subscribers are informed of new listings and updates
- ❑ For more information, email [engineering@irwd.com](mailto:engineering@irwd.com) or call the Engineering Dept. at (949) 453-5548



# Upcoming Construction Projects

Irvine Ranch Water District

## Baker Water Treatment Plant

- ❑ South Orange County reliability project with multi-agency participation including ETWD, IRWD, MNWD, SMWD, TCWD, and MWDOC
- ❑ 28 MGD advanced water treatment facility with membrane filtration and ultraviolet (UV) disinfection
- ❑ Bid advertisement period begins June 2013
- ❑ Estimated construction cost: \$71.3 million



Membrane Treatment Building



# Upcoming Construction Projects

Irvine Ranch Water District

## Orange Park Acres Well No. 1 Facilities

- ❑ Wellhead and disinfection facilities include wet well, well pump, booster pump, chloramination facility, chemical and well building, and surge tank
- ❑ Bid advertisement period begins August 2013
- ❑ Estimated construction cost: \$3.5 million





# Doing Business with IRWD Engineering

Irvine Ranch Water District

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Questions?