



Doing Business with IRWD Engineering

April 13, 2017



Agenda

Doing Business with IRWD Engineering

- 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

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

New Products Review

- ❑ Products listed in the Standard Technical Specifications must be approved by New Products Committee
- ❑ Committee Review Process may include:
 - ❑ Vendor/Mfr. application and product literature review
 - ❑ Product presentation
 - ❑ Product sample
 - ❑ Reference check with other product users
- ❑ New Products Committee meets quarterly
- ❑ Product review can take several months
- ❑ Product Application can be downloaded from the IRWD website: www.irwd.com/doing-business/purchasing-suppliers
- ❑ For more information, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Procedural Guidelines

- ❑ Provides consultants with a guide to 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 Standard Specifications and Drawings for preparing plans
- ❑ Guidelines can be downloaded from the IRWD website: www.irwd.com/doing-business/engineering and select “Procedural Guidelines”
- ❑ E-notify subscribers are informed of updates
- ❑ For more information, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Standard Specifications & Drawings

- ❑ Construction Manual contains standard detail drawings and technical specifications for construction
- ❑ Includes standards on materials, approved manufacturers, installation methods, and standard assembly of facilities
- ❑ Construction Manual can be downloaded from the IRWD website: www.irwd.com/doing-business/engineering and select “Construction Manual”
- ❑ E-notify subscribers are informed of updates
- ❑ For more information, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Consultant List

- ❑ 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
 - ❑ DIR Registration
- ❑ Periodic Updates (Stay in Touch)
- ❑ To arrange a meeting, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Prequalified Contractor List (Contracts > \$100k)

- ❑ Qualification Procedure for Construction Contracts > \$100,000
 - ❑ Only DIR registered prime contractors are eligible
 - ❑ Submit a Prequalification Packet (Reviewed Annually)
 - ❑ Prequalification Packet must be submitted by April 30
 - ❑ Evaluation Results released by August 31
 - ❑ Approved contractors will be placed on the Prequalified Contractor List
- ❑ Prequalification Packet can be downloaded from the IRWD website: www.irwd.com/doing-business/contractor-prequalification
- ❑ For more information, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Prequalified Contractor List (Contracts > \$100k)

- ❑ Project Bidders List for Construction Projects > \$100,000
 - ❑ All projects are advertised to a select list of contractors from the Prequalified Contractor List
 - ❑ Contractors from the Prequalified Contractor 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, and workload
 - ❑ 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 (Contracts ≤ \$100k)

- ❑ 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.
 - ❑ Contractors must be DIR registered to be considered for a project's Select Bid List
- ❑ Supplier Assessment Form can be downloaded from the IRWD website at: www.irwd.com/doing-business/purchasing-suppliers
- ❑ For more information call the Purchasing Dept. at (949) 453-5855

Construction Bid Advertisement

- ❑ Bid Advertisement includes:
 - ❑ Project Name/Description (“Bid Advertisement”)
 - ❑ Project 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:
www.irwd.com/doing-business/engineering and select
“Construction Projects Out to Bid”
- ❑ E-notify subscribers are informed of new listings and key updates
- ❑ For more information, email engineeringinfo@irwd.com or call the Engineering Dept. at (949) 453-5548

Upcoming Construction Projects

Multi-Zone Pump Stations (Recycled Water)

- ❑ Preliminary design nearing completion
- ❑ Eight pumps installed initially with provisions for 14 total pumps
- ❑ Bid advertisement period begins January 2018
- ❑ Estimated construction cost: \$11 million



Upcoming Construction Projects

Second Zone 1 Reservoir (Domestic Water)

- ❑ Preliminary design nearing completion
- ❑ Construction of a 3.7 MG prestressed concrete reservoir
- ❑ Bid advertisement period begins January 2018
- ❑ Estimated construction cost: \$10 million



Upcoming Construction Projects

- ❑ Irvine Lake Pipeline North Conversion
 - ❑ 10,000 LF 42-inch Steel Pipeline, 8,000 LF 10- to 20-inch PVC/Steel; May 2017, \$10 million
- ❑ Dyer Road Well Field Surge Tank Installation at Four Sites
 - ❑ May 2017, \$5.5 million
- ❑ Newport Coast Lift Station and Force Main Improvements
 - ❑ May 2017, \$3.5 million
- ❑ UCI Cooling Tower Recycled Water Conversion Pipeline
 - ❑ July 2017, \$1 million
- ❑ IIC East Pump Station Upgrades
 - ❑ December 2017, \$750,000
- ❑ Pipeline Cathodic Protection, Well Rehabilitation, Sewer Pipeline Sliplining, Vault Rehabilitation, and many more

Questions?