



Irvine Ranch  
WATER DISTRICT



# DOING BUSINESS WITH IRWD ENGINEERING

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# TOPICS OF DISCUSSION

- Engineering tools for consultants, contractors and vendors
- Upcoming design and construction projects
- Electronic bidding system for construction of capital projects



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# TOOLS & PROCEDURES

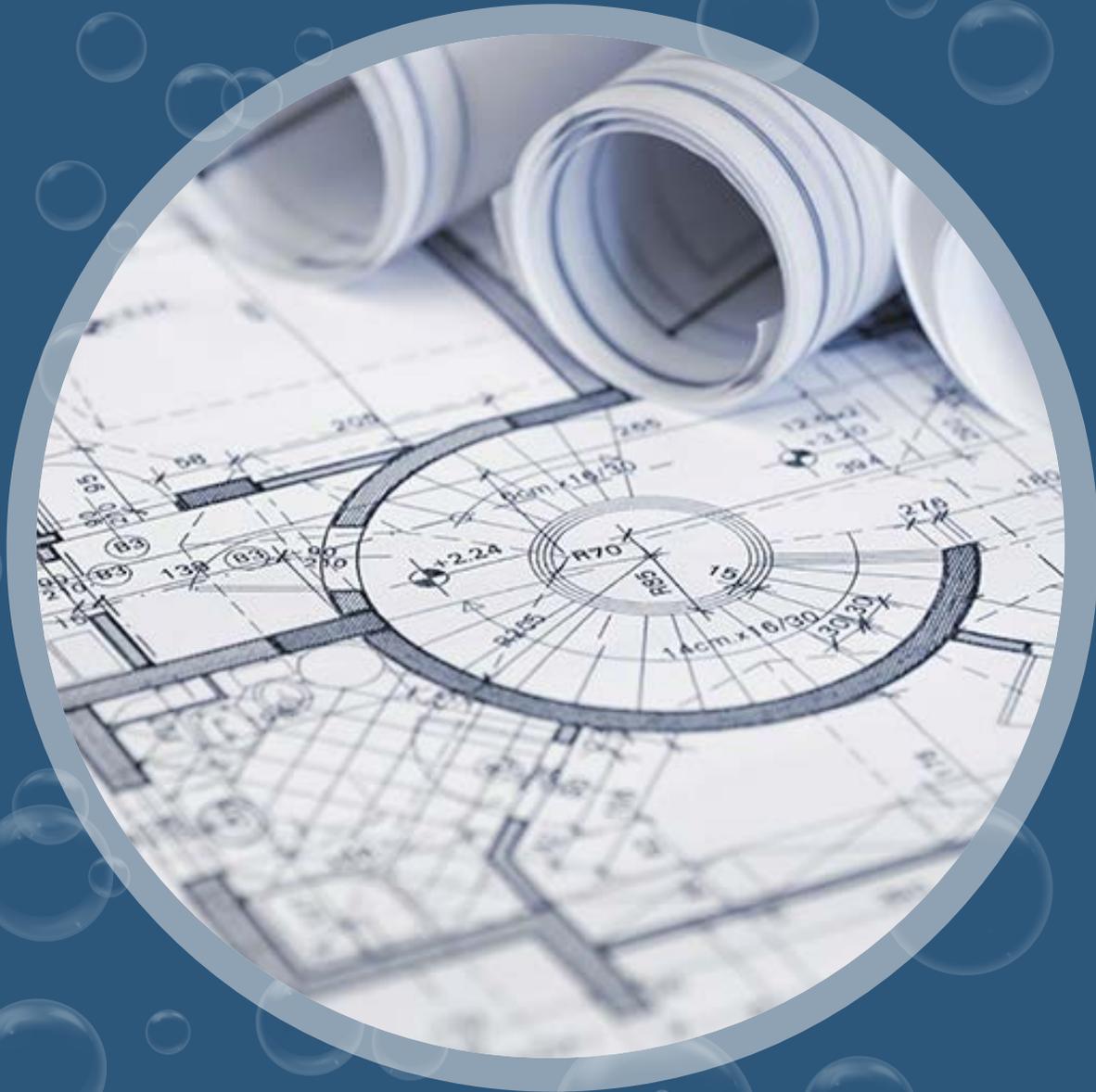
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# GUIDE FOR DOING BUSINESS WITH IRWD

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



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# UPCOMING PROJECTS

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DESIGN AND CONSTRUCTION

# UPCOMING DESIGN PROJECTS

- Lake Forest Zone C Pump Station, *July 2019*
- MWRP Tertiary Filter Rehabilitation, *August 2019*
- Lake Forest Zone C Recycled Water Pipeline, *October 2019*
- Fleming Zone 8 Water Tank and Zone 8-9 Pump Station, *October 2019*



# UPCOMING DESIGN PROJECTS

- Syphon Reservoir Improvements, *December 2019*
- Canada Sewer Lift Station Improvements, *December 2019*
- Zone 1 Steel Tank Recoating Project, *January 2020*



# UPCOMING CONSTRUCTION PROJECTS

- Sewer Rehabilitation in Pelican Hills Golf Club, *August 2019, \$0.5 million*
- MWRP Unit Substation T-1 Replacement, *August 2019, \$1 million*
- Bake Parkway PRV and Pipeline, *August 2019, \$0.8 million*
- PDF Sodium Hypochlorite Storage and Feed System, *September 2019, \$4 million*



# UPCOMING CONSTRUCTION PROJECTS

- San Joaquin Reservoir Filtration Facility, *January 2020, \$6 million*
- Zone A to Rattlesnake Reservoir Booster Pump Station, *August 2020, \$12 million*
- Pipeline cathodic protection, well rehabilitation, vault rehabilitation, and more



Rattlesnake  
Reservoir Complex



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# ELECTRONIC BIDDING SYSTEM

FOR CONSTRUCTION OF CAPITAL PROJECTS

# CURRENT BID PHASE PROCESS

- Labor intensive and manual process
- Paper advertisement
- Addenda reminders and confirmations
- Purchase hard copies of contract documents
- Contractor submits hard copy of bid
- Prone to errors and bid irregularities



# BENEFITS TO ELECTRONIC BIDDING

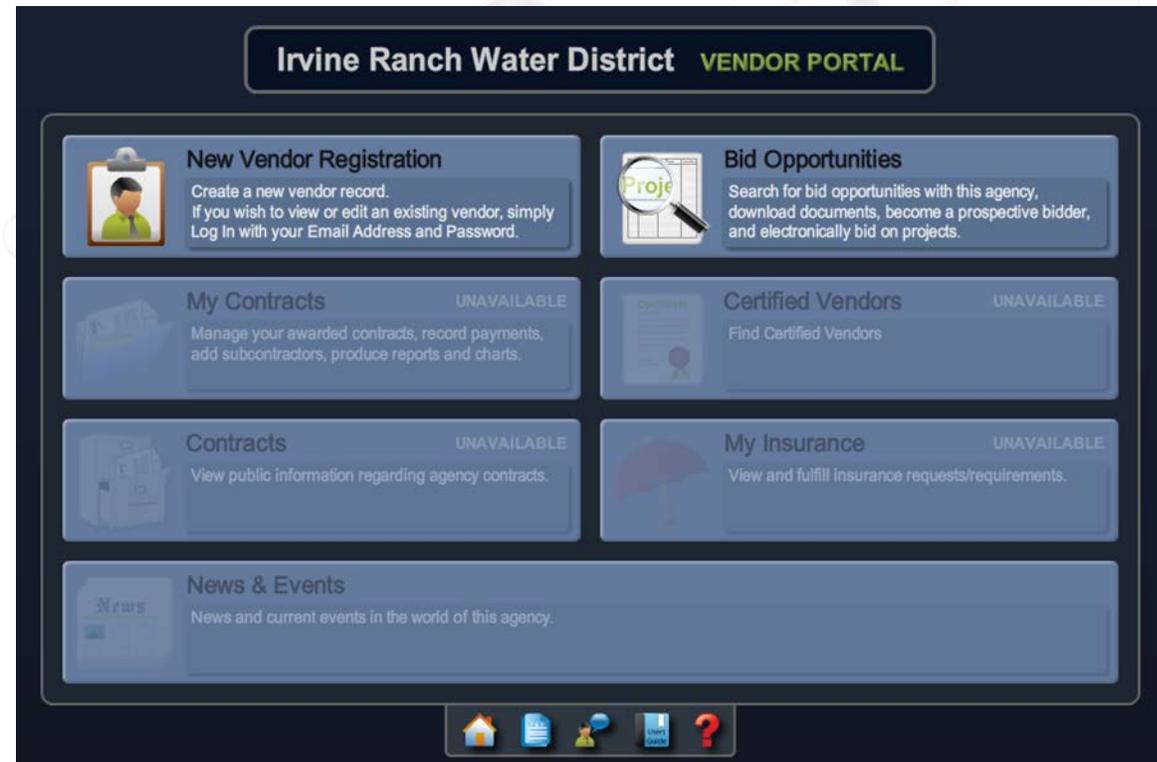
- Controls to reduce bid errors and irregularities
- Automated reporting tools
- Downloadable contract documents
- Convenient bid opening
- Contractor networking



# PLANETBIDS WEBSITE AND LOGIN

Logging in to PlanetBids: [bit.ly/irwdbids](http://bit.ly/irwdbids)

- Free to register
- Provide basic contact and license information



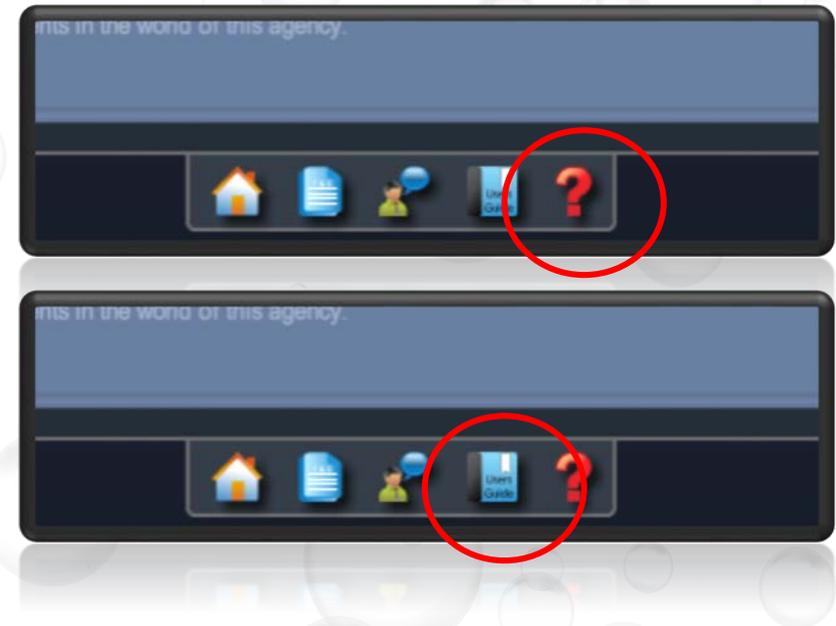
# PLANETBIDS SNAPSHOT

- Electronic documents available to all registered users
- Controls that reduce bid errors

<span>Bid Information</span> <span>Line Items</span> <span>Documents &amp; Attachments</span> <span>Prospective Bidders</span> <span>Q&amp;A</span> <span>Addenda &amp; Emails</span> <span>Bid Results</span> <span>Project Evaluation</span> <span>Awards</span> <span>Comments &amp; History</span> <span>Summary</span>									
<span>Select All</span> <span>Select None</span> <span>Update Selected</span>			<span>Add</span> <span>Send Email</span> <span>Reports</span> <span>Export</span>						
	Vendor (13)	Type	Status	Classification	Pre-Bid	Downloads	Orders	VBID	
<input type="checkbox"/>	Ferreira Construction Co, Inc	CADIR	Bidder	Prime	yes	05/15/2019		178390	
<input type="checkbox"/>	T. E. Roberts, Inc.	CADIR	Bidder	Prime	yes	05/17/2019		177681	
<input type="checkbox"/>	L&S Construction, Inc.	CADIR	Bidder	Prime	yes	05/21/2019			
<input type="checkbox"/>	GRFCO Inc.	CADIR	Non-Bidder	Prime		04/24/2019			
<input type="checkbox"/>	United Water Works		Bidder	Supplier		05/16/2019			
<input type="checkbox"/>	CORE & MAIN		Bidder	Supplier		05/20/2019			
<input type="checkbox"/>	Sukut Construction, LLC	CADIR	Bidder	Prime	yes	05/20/2019		178902	
<input type="checkbox"/>	Sully-Miller Contracting Co.	CADIR	Non-Bidder	Prime		04/23/2019			
<input type="checkbox"/>	GCI Construction, Inc.	CADIR	Non-Bidder	Prime		04/22/2019			
<input type="checkbox"/>	Paulus Engineering, Inc.	CADIR	Bidder	Prime	yes	05/21/2019		179091	
<input type="checkbox"/>	Leatherwood Construction, Inc.	CADIR	Bidder	Prime	yes	05/21/2019		179086	
<input type="checkbox"/>	E.J. Meyer Company	CADIR	Non-Bidder	Prime		04/22/2019			
<input type="checkbox"/>	Dangelo		Bidder	Supplier					

# PLANETBIDS SUPPORT

- Provide adequate time to prepare bid, download documents, complete and scan forms, and submit bid
- PlanetBids support on home page  
Phone: 818-992-1771
- Vendor guide  
Downloadable reference on home page



# REVISIONS TO IRWD FRONT END DOCUMENTS

- Schedule of work items
- Information for subcontractors
- Bid proposal – document checklist
- Bid security declaration

## PROJECT MANUAL

FOR

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PROJECT NO. XXXXX

CODE XXXX

MONTH 20XX



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# CHANGES TO BID PROCESS

## Bid advertisement

- Communicate through PlanetBids
- Contractor can download electronic version of contract documents or order hard copies

## Bid opening

- Will be located in IRWD meeting rooms
- Most contractors will view opening remotely

The screenshot shows a software window titled "Result Detail" with three tabs: "Detail", "Subcontractors", and "Line Items". The "Line Items" tab is active, displaying a table with the following data:

	Item#	Item Code	Item Description	UOM	QTY	Unit Price	Line Total
▼ BASE BID ITEMS							\$444,116.00
Details	1		Mobilization, demobilization, cleanup,	LS	1	\$7,000.00	\$7,000.00
Details	2		10-inch PVC AWWA C900 (DR-14)	LF	1970	\$111.00	\$218,670.00
Details	3		Tracer wire	LF	1970	\$0.40	\$788.00
Details	4		Temporary water supply connection to	LS	1	\$4,500.00	\$4,500.00
Details	5		1" Copper Service (5/8" x 3/4 meter)	EA	12	\$1,823.00	\$21,876.00
Details	6		1" Copper Service (1" meter)	EA	4	\$1,825.00	\$7,300.00
Details	7		1" Copper Service (3/4" meter)	EA	2	\$1,838.00	\$3,676.00
Details	8		1" Copper Service (no meter)	EA	2	\$1,802.00	\$3,604.00
Details	9		Fire hydrants	EA	5	\$6,800.00	\$34,000.00
Details	10		Trench repair AC performance grade	SF	80	\$19.00	\$1,520.00

At the bottom of the window, a "Grand Total" field shows \$444,116.00. There are "Print" and "Done" buttons at the bottom of the window.

# SUMMARY

- Guide for doing business with IRWD  
*Handouts available*
- Upcoming design & construction projects
- Transition to electronic bidding in July 2019  
*Register at IRWD PlanetBids website:*  
[bit.ly/irwdbids](http://bit.ly/irwdbids)

# THANK YOU!

