

**AGENDA
IRVINE RANCH WATER DISTRICT
BOARD OF DIRECTORS
SPECIAL MEETING**

October 14, 2019

PLEDGE OF ALLEGIANCE

CALL TO ORDER

6:00 a.m., Board Room, District Office
15600 Sand Canyon Avenue, Irvine, California

ROLL CALL

Directors Reinhart, Matheis, Swan, and Withers, and President LaMar

NOTICE

If you wish to address the Board on any item, including Consent Calendar items, please file your name with the Secretary. Forms are provided on the lobby table. Remarks are limited to three minutes per speaker on each subject. Consent Calendar items will be acted upon by one motion, without discussion, unless a request is made for specific items to be removed from the Calendar for separate action.

COMMUNICATIONS TO THE BOARD

1. A. Written:

B. Oral:

2. **ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Recommendation: Determine the need to discuss and/or take immediate action on item(s).

CONSENT CALENDAR

Items 3 - 7

3. **MICHELSON FORCE MAIN IMPROVEMENTS FINAL ACCEPTANCE**

Recommendation: That the Board accept construction of the Michelson Force Main Improvement Project 07097; authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the notice of completion.

4. **ROCKFIELD ZONE 4-3 AUTOMATED VALVE FINAL ACCEPTANCE**

Recommendation: That the Board accept construction of the Rockfield Zone 4-3 Automated Valve, Project 07750; authorize the General Manager to file a Notice of Completion; and authorize the payment of the retention 35 days after the date of recording the notice of completion.

5. **TRUCK MOUNTED AERIAL LIFT CONTRACT AWARD**

Recommendation: That the Board authorize the General Manager to execute a contract with Utility and Crane Equipment, Inc. in the amount of \$104,548.74 for the purchase of a new mounted aerial lift.

CONSENT CALENDAR - Continued

Items 3 - 7

6. BAKE PARKWAY DOMESTIC WATER ZONE 5 TO 4 FIRE FLOW PRESSURE REDUCING VALVE AND PIPELINE BUDGET INCREASE AND CONSTRUCTION AWARD

Recommendation: That the Board authorize a budget increase for Project 05404 in the amount of \$337,300, from \$412,700 to \$750,000; and the General Manager to execute a construction contract with Ferreira Construction Co., Inc. in the amount of \$484,825.50 for the Bake Parkway Domestic Water Zone 5 to 4 Fire Flow Pressure Reducing Valve and Pipeline, Project 05404.

7. 2019 LEGISLATIVE AND REGULATORY UPDATE

Recommendation: Receive and file.

TOUR ITINERARY

8. ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT DROUGHT RELIEF PROJECT – GRAND OPENING AND TOUR

The IRWD Board of Directors and staff will tour the Rosedale-Rio Bravo Water Storage District Drought Relief Project along with Santa Clarita Valley Water Authority (SCVWA) and Rosedale. Any discussions with Rosedale's Board of Directors and SCVWA Board are for information purposes; no action items will be presented. The itinerary is as follows:

6:10 a.m. Bus departs

9:30 a.m. Arrive at Rosedale, 849 Allen Road, Bakersfield, CA

10:00 a.m. Meet at the Central Intake Pumping Plant for introductions, remarks, description of CVC turnout and Pumping Plant, and ribbon cutting with Rosedale's staff and Board of Directors along with SCVWA staff and its Board of Directors.

11:20 a.m. Travel and tour Rosedale's West Basin Wells, Superior Wells, Central Intake.


1:00 p.m. Lunch break at Rosedale's Office

2:00 p.m. Information discussion on Kern Fan Groundwater Storage Project at Rosedale's office.

2:45 p.m. Bus departs from 849 Allen Road, Bakersfield, CA to return to IRWD Office.

9. Adjourn

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Irvine Ranch Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to Board Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance to the Board of Directors Room of the District Office. The Irvine Ranch Water District Board Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

October 14, 2019
Prepared by: T. Bonkowski / M. Cortez
Submitted by: K. Burton
Approved by: Paul A. Cook 

CONSENT CALENDAR

MICHELSON FORCE MAIN IMPROVEMENTS
FINAL ACCEPTANCE

SUMMARY:

The Michelson Force Main Improvements project is complete. The contractor, Insituform Technologies, Inc., has completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

The Michelson sewer force main, located in Michelson Drive between Jamboree Road and Riparian View, is a 12-inch ductile iron force main that conveys sewage from the Michelson Lift Station to either the Orange County Sanitation District or to the Michelson Water Recycling Plant. This project rehabilitated 3,450 feet of the Michelson sewer force main with cured-in-place pipe (CIPP) lining and installed seven vaults for future maintenance and inspection activities. The work also included a short segment of gravity sewer near the intersection of Michelson Drive and Riparian View and restoration of the street's paving and striping.

The project was severely delayed by several issues: 1) encountering unforeseen existing utilities that conflicted with the locations of the access vaults, e.g., electrical duct bank that paralleled the sewer force main consequently requiring multiple revisions to the traffic control plans to be approved by the City of Irvine; 2) the changing of the project's work hours for CIPP-installation from weekday to continuous weekend work (9:00 p.m. Friday to 3:00 p.m. Sunday) in part to mitigate the project's impact on traffic; and 3) the installation of a second CIPP liner through a portion of the OCSO force main segment due to unacceptable wrinkles or folds of the lining at two horizontal pipe bends.

Project Title:	Michelson Force Main Improvements
Project No.:	07097
Design Engineer:	Kleinfelder, Inc.
Construction Management by:	IRWD Staff
Contractor:	Insituform Technologies, Inc.
Original Contract Cost:	\$1,787,045.00
Final Contract Cost:	\$2,289,411.80
Original Contract Days:	110
Final Contract Days:	477
Final Change Order Approved On:	September 26, 2019

FISCAL IMPACTS:

Project 07097 is included in the FY 2019-20 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) and in conformance with California Code of Regulations Title 14, Chapter 3, 15301. Section 15301 provides exemption for minor alterations of existing structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. Additionally, State Guideline 15282 provides exemptions for projects that involve the installation of new pipeline or maintenance, repair, restoration, removal, or demolition of an existing pipeline as set forth in Section 21080.21 of the Public Resources Code, as long as the project does not exceed one mile (or 5,280 feet) in length. A Notice of Exemption for the project was filed with the County of Orange on May 18, 2017.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE MICHELSON FORCE MAIN IMPROVEMENTS PROJECT 07097, AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION, AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.

LIST OF EXHIBITS:

None.

October 14, 2019
Prepared by: H. Cho / M. Cortez
Submitted by: K. Burton
Approved by: Paul A. Cook



CONSENT CALENDAR

ROCKFIELD ZONE 4-3 AUTOMATED VALVE FINAL ACCEPTANCE

SUMMARY:

The Rockfield Zone 4-3 Automated Valve Project is complete. The contractor, Paulus Engineering, Inc., completed the required work and all punch list items. The project has received final inspection and acceptance of construction is recommended.

BACKGROUND:

IRWD receives 6.8 million gallons per day (MGD) of water from the Baker Water Treatment Plant. During the summer months, there is sufficient demand in the Lake Forest service area to use 6.8 MGD. During winter months, the demand in the Lake Forest area is less and the surplus is consequently wheeled into Irvine Zone 3 via a manually actuated valve located on Rockfield Boulevard northwest of Lake Forest Drive in Irvine. A flow meter and pressure reducing valve was installed to replace the manual valve in the existing valve vault to automate the delivery of water from Lake Forest Zone 4 to Irvine Zone 3.

CivilSource/NV5 completed the design in August 2018, and Paulus Engineering was awarded the construction contract on October 8, 2018. Construction mobilization was delayed due to a revision in the power service plan from Southern California Edison and a modification to the plan to supply the meter service connections during valve and pipe construction. Paulus Engineering eventually mobilized in June 2019 and completed construction of all improvements on September 27, 2019.

Project Title:	Rockfield Zone 4-3 Automated Valve
Project No.:	07750
Design Engineer:	CivilSource/NV5
Construction Management by:	IRWD Staff
Contractor:	Paulus Engineering, Inc.
Original Contract Cost:	\$361,196.00
Final Contract Cost:	\$414,295.82
Original Contract Days:	150
Final Contract Days:	344
Final Change Order Approved On:	September 24, 2019

FISCAL IMPACTS:

Project 07750 is included in the FY 2019-20 Capital Budget. The existing budget is sufficient to fund the final payment for the project.

ENVIRONMENTAL COMPLIANCE:

This project is subject to the California Environmental Quality Act (CEQA) and in conformance with the California Code of Regulations Title 14, Chapter 3, Article 7, Section 15301, which provides exemption for the operation, repair, maintenance, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. A Notice of Exemption was filed with the Orange County Clerk-Recorder on December 12, 2017.

COMMITTEE STATUS:

This item was not reviewed by a Committee.

RECOMMENDATION:

THAT THE BOARD ACCEPT CONSTRUCTION OF THE ROCKFIELD ZONE 4-3 AUTOMATED VALVE, PROJECT 07750; AUTHORIZE THE GENERAL MANAGER TO FILE A NOTICE OF COMPLETION; AND AUTHORIZE THE PAYMENT OF THE RETENTION 35 DAYS AFTER THE DATE OF RECORDING THE NOTICE OF COMPLETION.

LIST OF EXHIBITS:

None.

October 14, 2019
Prepared by: J. Dayer
Submitted by: R. Mykitta / W. Chambers
Approved by: Paul A. Cook



CONSENT CALENDAR

TRUCK MOUNTED AERIAL LIFT CONTRACT AWARD

SUMMARY:

The Fiscal Year 2019-20 Operating Budget includes funding for the purchase of a truck mounted aerial lift. The aerial lift will provide access to instruments and equipment at heights up to 45 feet. Staff recommends that the Board authorize the General Manager to award a contract to Utility and Crane Equipment, Inc. for \$104,548.74 for the purchase of one new aerial lift truck.

BACKGROUND:

The District's Electrical, Instrumentation, and Automation staff use aerial lifts to access, adjust, repair or replace electrical infrastructure, lamps, and telemetry equipment. Staff currently uses a 1993 commercial chassis truck equipped with an aerial lift that requires frequent repair; the manufacturer has also discontinued supplying parts for this equipment.

Staff determined that a Versalift SST-40 (shown in Exhibit "A") is the most cost-effective and functional choice. Staff requested quotes and received responses from Utility Crane and Equipment, Inc., Mountain States Industrial Services, and Versalift Southwest with Utility Crane and Equipment, Inc. as the low bidder with a proposal of \$104,548.24. A summary of the bid results is included as Exhibit "B".

FISCAL IMPACTS:

Sufficient funds are included in the Fiscal Year 2019-20 Operating Budget.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act (CEQA), Code of Regulations, Title 14, Chapter 3, Section 15378.

COMMITTEE STATUS:

This item was not reviewed by a committee.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER TO EXECUTE A CONTRACT WITH UTILITY AND CRANE EQUIPMENT, INC. IN THE AMOUNT OF \$104,548.74 FOR THE PURCHASE OF ONE NEW AND UNUSED TRUCK MOUNTED AERIAL LIFT.

LIST OF EXHIBITS:

Exhibit "A" – Versalift SST-40 Aerial Lift Specification Sheet
Exhibit "B" – Bid Summary

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ONE NEW AND UNUSED

Versalift SST-40-ENH Non-Insulated 40 ft. Articulated/Telescopic Aerial Truck

SPECIFICATIONS

SST-40-ENH non-Insulated 40 ft. Articulated/Telescopic aerial lift including the following items:

- Horizontal Reach 27' 9"
- Height to Bottom of Platform 40' 0"
- Working Height 45' 0"
- Platform capacity of 350 lbs.
- Platform full pressure Unitrol single-lever control with safety trigger and emergency stop control
- 180 degree platform rotator
- Engine Start Stop at platform
- Full pressure turret mounted lower controls including override
- Continuous Rotation
- Three gpm open center hydraulic system
- Integral hydraulic oil reservoir with dual sight gauges and 12 gallon capacity.
- End mounted 24 in. x 30 in. x 42 in. fiberglass platform with walk in door
- Master/slave hydraulic leveling with upper control to tilt for clean-out and rescue.
- Non-lube bearings used at all pivot points
- Multi-link hose carrier system through booms
- Ratchet boom latch
- Emergency power providing power to all boom functions
- Mounting hardware for chassis/cab installation
- Vinyl cover
- Scuff Pad
- Full body harness and lanyard.
- Painted standard white urethane
- Two operator's manuals and two service manuals
- ANSI A92.2 data plate

Cab and chassis to the following specifications:

- 2019 or 2020 Ford F550 4x2 cab and chassis with a CA of 60"
- 19,000 lbs. GVWR Payload Upgrade Package
- 7,500 lbs. GAWR Extra Heavy Duty Front End Suspension
- V10 Engine
- Automatic
- Transmission Power Take-Off Provision
- Painted White

Flat Bed Body:

- Knapheide PVMX-93C
- Painted White
- Shall be 95.75" Wide X 111" Long
- Cross members on 18"Centers
- Pine Floor
- 5" Long Sills

Truck Construction Will Include:

- Mounting SST-40-ENH
- Mounting of Flatbed
- Mounting of Torsion Bar
- SuperSprings SSA26 installed SS and CS
- Install H-Style Outriggers between Cab and Body with capability of using when needed with on/off switch
- Mounting of boom rest
- Rubber cushion for bucket
- Pool handles CS Rear with Cable Step
- ICC Bumper
- Mud flaps
- Back up alarm
- 5 lb. Fire Extinguisher
- 25 Person First Aid Kit
- Triangle warning kit
- Electric brake controller
- Hard rubber chock blocks
- Stability test per ANSI standards

Registration

Seller is responsible for processing a permanent exempt vehicle registration. The Irvine Ranch Water District is a political subdivision.

Aftermarket Security Systems

This vehicle will be delivered free of any dealer installed devices intended to provide security while the vehicle is in the dealer's inventory or intended for sale to retail buyer. Any and all components, wiring, switches etc. associated with this type of device shall be removed prior to delivery to The Irvine Ranch Water District.

J. DAYER 7/25/2019

SST-37/40

Articulated/ Telescopic Aerial Lift

WORKING HEIGHT: Up to 45' (13.7m)

HORIZONTAL REACH: Up to 27' 9" (8.5m)

PLATFORM CAPACITY: Up to 450 lbs. (204kg)



The **VERSALIFT** product line has grown to encompass models for every market. Whether it be a 29' man lift or a 108' material handler, there is a **VERSALIFT** to get the job done.

For more information

Versalift
254.399.2100
www.VERSALIFT.com

SST-37/40

Articulated / Telescopic Aerial



General Specifications (based on 40" frame)

INSULATED MODELS SST-37-EIH SST-40-EIH SST-37-ENH SST-40-ENH SST-37-NE SST-40-NE

Horizontal Reach	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)	27 ft. 9 in. (8.5 m)
Standard Platform Capacity	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)	300 lbs. (136 kg)
Maximum Platform Capacity	450 lbs. (250 kg.)	450 lbs. (250 kg.)	450 lbs. (250 kg.)	450 lbs. (250 kg.)	400 lbs. (181 kg.)	400 lbs. (181 kg.)
Outer Boom Lift Eye Capacity	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)	500 lbs. (227 kg)

WITH STANDARD PEDESTAL

Height to Bottom of Platform	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)	37 ft. 0 in. (11.3 m)	40 ft. 0 in. (12.2 m)
Working Height	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)	42 ft. 0 in. (12.8 m)	45 ft. 0 in. (13.7 m)
Stowed Travel Height	10 ft. 4 in. (3.1 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)	10 ft. 4 in. (3.15 m)
Weight of Lift (without oil and mounting hardware)	2230 lbs. (1012 kg)	2335 lbs. (1059 kg)	2190 lbs. (933 kg)	2295 lbs. (1041 kg)	2190 lbs. (933 kg)	2295 lbs. (1041 kg)

HYDRAULIC SYSTEM (ENH/EIH)

Operating Pressure	2250 PSI (158 kg/cm)
Flow Rate	3 GPM (11 lpm) on ENH/EIH 2 GPM (8 lpm) on NE
Filtration	10 micron return 100 mesh suction
System Type	Open center

OPTIONS:

- 4-Axis Control System
- Continuous Rotation
- 180° Rotating Platform
- Hydraulic Tool Circuit at the Platform
- Back Up Pump
- Independent Outriggers
- Chassis Insulation System (Lower Boom Insert, Insulated Units Only)
- Two-Speed Throttle Control
- Front & Rear Torsion Bars
- 120 Volt to Platform (Non-Insulated Units)
- TruGuard™ (Insulated Units)
- Automatic Boom Latch

BOOM ACTION

Inner Boom	116 in (2.9 m) Extension
Outer Boom	-14° to +74°
Lower Boom	-7° to vertical
Rotation	370° non-continuous

INSULATION GAP (insulated units only)

Upper Boom fully retracted Flow	42 in. (1.07 m)
Lower Boom Insert (optional)	12 in. (0.3 m)

NOTE:

1. Specifications may vary without prior notice
2. Required GVWR can vary significantly with chassis, lift mounting, location, service body, accessories and desired payload.

AMBIENT TEMPERATURE RANGE FOR STRUCTURAL INTEGRITY

Temperature Range	-40°F (-40°C) to 125°F (52°C)
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Exhibit "B"

Veraslift SST-40 Bid Summary

Supplier

Bid Amount

Utility and Crane Equipment, Inc.	\$104,548.74
Versalift Southwest	\$105,752.22
Mountain States Industrial Services	\$109,342.05

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October 14, 2019
Prepared by: T. Lynch/J. McGehee/R. Mori
Submitted by: K. Burton
Approved by: Paul A. Cook

CONSENT CALENDAR

BAKE PARWAY DOMESTIC WATER ZONE 5 TO 4 FIRE FLOW
PRESSURE REDUCING VALVE AND PIPELINE BUDGET INCREASE
AND CONSTRUCTION AWARD

SUMMARY:

The Bake Parkway Domestic Water Zone 5 to 4 Fire Flow Pressure Reducing Valve (PRV) and Pipeline project includes construction of approximately 1,000 feet of eight-inch pipeline and an eight-inch PRV station located on Bake Parkway. Staff recommends that the Board:

- Authorize a budget increase for Project 05404 in the amount of \$337,300, from \$412,700 to \$750,000; and
- Authorize the General Manager to execute a construction contract with Ferreira Construction Co., Inc. in the amount of \$484,825.50 for the Bake Parkway Domestic Water Zone 5 to 4 Fire Flow PRV and Pipeline project.

BACKGROUND:

Per the recommendations provided in the Lake Forest Sub-Area Master Plan, a new domestic water Zone 5 to 4 PRV station is needed on Bake Parkway near North Pointe Drive in the City of Lake Forest. The proposed PRV station will provide additional fire flow capacity to portions of Zone 4 that were modeled to be slightly lower than the District’s goal for fire flow in the area. The project location map is attached as Exhibit “A”.

Construction Award:

IRWD retained MBF Consultants to design the PRV station and pipeline improvements. Staff approved the plans in August 2019 and advertised the project for construction bidding to a select list of 18 pipeline contractors. The bid opening was held September 26, 2019 with bids received from Ferreira Construction Co., Paulus Engineering, T.E. Roberts, E.J. Meyer Company, and Leatherwood Construction. Ferreira Construction Co. is the apparent low bidder with a bid amount of \$484,825.50. The engineer’s estimate, prepared by MBF Consultants, is \$500,000. Ferreira Construction Co.’s bid information is attached as Exhibit “B”, and a summary of the five bids received is provided below:

Bidder	Bid Amount
<i>Engineer’s Estimate</i>	\$ 500,000.00
Ferreira Construction Co.	\$ 484,825.50
Paulus Engineering	\$ 539,370.52
T.E. Roberts	\$ 551,747.50
E.J. Meyer Company	\$ 555,555.00
Leatherwood Construction	\$ 597,573.00

Consent Calendar: Bake Parkway Domestic Water Zone 5 to 4 Fire Flow Pressure Reducing Valve and Pipeline Budget Increase and Construction Award

October 14, 2019

Page 2

Staff reviewed Ferreira Construction Co.'s bid and has determined that it is responsive. Staff recommends that the Board authorize the General Manager to award a construction contract to Ferreira Construction Co., Inc. in the amount of \$484,825.50.

The Bake Parkway Domestic Water Zone 5 to 4 Fire Flow Pressure Reducing Valve and Pipeline Project was the second project advertised through the electronic bidding platform PlanetBids. The bidding process was successful and was well received by the contractors. All capital construction projects will be advertised through PlanetBids moving forward.

FISCAL IMPACTS:

Project 05404 is included in the FY 2019-20 Capital Budget and will be funded by the Lake Forest development areas funds (Improvement District 1850). A budget increase is required to fund the construction and engineering support services for the project as shown in the table below.

Project No.	Current Budget	Addition <Reduction>	Total Budget
05404	\$412,700	\$337,300	\$750,000

ENVIRONMENTAL COMPLIANCE:

This project is exempt from the California Environmental Quality Act (CEQA) as authorized under the California Code of Regulations, Title 14, Chapter 3, Section 15303, which provides categorical exemption for small facilities or structures; installation of small new equipment and facilities in small structures; water main, sewage, electrical, gas and other utility extensions, including street improvements of reasonable length to serve such construction and Section 15282, which provides statutory exemption for installation of new pipeline that does not exceed one mile (more than 5,210 feet) in length. A Notice of Exemption was filed with the Orange County Clerk's office on February 19, 2019.

COMMITTEE STATUS:

Construction awards are not routinely taken to Committee prior to submittal to the Board.

RECOMMENDATION:

THAT THE BOARD AUTHORIZE A BUDGET INCREASE FOR PROJECT 05404 IN THE AMOUNT OF \$337,300, FROM \$412,700 TO \$750,000; AND THE GENERAL MANAGER TO EXECUTE A CONSTRUCTION CONTRACT WITH FERREIRA CONSTRUCTION CO., INC. IN THE AMOUNT OF \$484,825.50 FOR THE BAKE PARKWAY DOMESTIC WATER ZONE 5 TO 4 FIRE FLOW PRESSURE REDUCING VALVE AND PIPELINE, PROJECT 05404.

LIST OF EXHIBITS:

- Exhibit "A" – Location Map
- Exhibit "B" – Bid Results

EXHIBIT "A"



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Bid Results**Bidder Details**

Vendor Name Ferreira Construction Co, Inc
Address 10370 Commerce Center Drive- Suite B-200
 Rancho Cucamonga, CA 91730
 United States

Respondee Brandon Pensick
Respondee Title Vice President
Phone 909-606-5900 Ext.
Email bpensick@ferreiraconstruction.com

Vendor Type CADIR
License # 985180
CADIR 1000001634

Bid Detail

Bid Format Electronic
Submitted September 26, 2019 11:48:39 AM (Pacific)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 190690
Ranking 0

Respondee Comment**Buyer Comment****Attachments**

File Title	File Name	File Type
Completed Bid Proposal Package	Completed Bid Proposal Package.pdf	Bid Form

Line Items

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
BASE BID ITEMS						
1	Mobilization, demobilization, and cleanup (not to exceed 4% of Total Amount of Bid)	LS	1	\$18,124.00	\$18,124.00	
2	Payment and performance bonds, and insurance	LS	1	\$4,850.00	\$4,850.00	
3	Traffic control	LS	1	\$14,650.00	\$14,650.00	
4	Trench sheeting, shoring, and bracing	LS	1	\$15,640.00	\$15,640.00	
5	Develop construction water	LS	1	\$1,215.00	\$1,215.00	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
6	Dewatering	LS	1	\$2,419.00	\$2,419.00	
7	Furnish and install 8" PVC C-900 DR 14 pipeline	LF	812	\$130.00	\$105,560.00	
8	Furnish and install 8" ductile iron pipe, CL 300, including all joint restraints and transitions	LF	250	\$421.00	\$105,250.00	
9	6" Butterfly valve	EA	1	\$2,718.00	\$2,718.00	
10	8" Butterfly valve	EA	3	\$2,997.00	\$8,991.00	
11	Furnish and install pressure reducing station per Detail 1 on Sheets 6 and 7 of Construction Plans	LS	1	\$65,328.00	\$65,328.00	
12	Connection to existing 8" zone 4 pipeline at Bake Parkway and North Pointe Drive intersection per Detail 2 on Sheet 7 of Construction Plans	LS	1	\$9,680.00	\$9,680.00	
13	Connection to existing 8" zone 5 pipeline at Bake Parkway per Detail 3 on Sheet 7 of Construction Plans	LS	1	\$9,645.00	\$9,645.00	
14	Remove and replace damaged landscaping, irrigation, concrete curbs, and sidewalk	LS	1	\$2,347.00	\$2,347.00	
15	1.5" Grind and Overlay, grade PG 64-10 Type III C2	SF	18046	\$2.50	\$45,115.00	
16	2.5" Grind and Overlay, grade PG 64-10 Type III C2	SF	3336	\$3.50	\$11,676.00	
17	T-cut trench repair per City of Lake Forest trench backfill and roadway repair detail on Sheet 3 of Construction Plans	SF	4247	\$11.50	\$48,840.50	
18	Remove and replace traffic detector loops in kind	LS	1	\$425.00	\$425.00	
19	Adjust existing manholes and valve cans to grade	LS	1	\$1,800.00	\$1,800.00	
20	Hydrostatic testing, flushing, and disinfection	LS	1	\$5,952.00	\$5,952.00	
21	Erosion control measures	LS	1	\$600.00	\$600.00	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Comment
22	Record drawings	LS	1	\$2,000.00	\$2,000.00	
23	Operations and maintenance manuals	LS	1	\$2,000.00	\$2,000.00	
Subtotal					\$484,825.50	
ADDITION OR DEDUCTION LINE ITEM						
24	ADDITION (+) OR DEDUCTION (-)	LS	1	0	0	
Subtotal					0	
Total					\$484,825.50	

Subcontractors

Name & Address	Description	License Num	CADIR	Amount	Type
All American Asphalt 400 E. Sixth Street Corona, CA 91718 United States	Grind & Cap	267073	1000001051	\$46,850.00	CADIR

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October 14, 2019
Prepared and
submitted by: C. Compton
Approved by: Paul A. Cook



CONSENT CALENDAR

2019 LEGISLATIVE AND REGULATORY UPDATE

SUMMARY:

This report provides an update on the 2019-2020 legislative session and IRWD priorities. As legislation and regulations develop, staff provides updates and recommendations to the Water Resources Policy and Communications Committee and to the Board, as appropriate. Staff recommends that the Board receive and file this report.

BACKGROUND:

September 13, 2019, was the last day of the 2019 legislative session and the last day for the Legislature to act on regular session bills before the Interim Recess. The Governor has until October 13 to sign or veto legislation passed by the Legislature during the first year of the 2019-2020 legislative session. The State Legislature will reconvene from the Interim Recess on January 6, 2020, unless a special session is called. Legislators will have until the end of January to act upon two-year bills from 2019.

2019 State Legislative Update:

As has been traditionally done in October after the legislative session has recessed, staff has provided an update on each state bill upon which IRWD had taken a position during this legislative session and was still active at the end of the legislative session. In the chart attached as Exhibit "A", staff has provided a brief summary of the bills active at the end of session. The chart also contains the status of the bills as of September 29, 2019.

Outstanding 2019 State Legislative Issues:

At the end of the State legislative year, a number of bills became two-year bills and many large policy areas were left for the 2020 legislative year. At the Water Resources Policy and Communications Committee meeting, staff discussed IRWD's advocacy focus, specifically:

- *2020 Resilience Bond Proposals*- There are currently three resilience bonds before the Legislature. Those proposals are [AB 352](#) (E. Garcia, D-Coachella), [AB 1298](#) (Mullin, D-San Mateo) and [SB 45](#) (Allen, D-Redondo Beach);
- *Fees on Residential Housing Development, including connections fees*- [AB 1484](#) (Grayson, D-Vallejo) proposes a number of changes to the laws governing fees charged to new housing developments, including connection fees; and
- *2020 Legislative Planning*- IRWD's associations are beginning their 2020 legislative planning. Staff will be available to discuss the planning and staff's efforts to being IRWD's 2020 legislative planning.

2019 State Regulatory Update:

Staff continues to track, monitor, and engage in a number of regulations and State agency actions of interest to IRWD. As the next drafts of the regulations or reports are released for public review and comment, staff will continue to engage, as appropriate. Staff provided an oral update to the Committee regarding the development of regulations of interest to IRWD, including:

- AB 401 Low Income Rate Assistance Program;
- California Water Plan Update 2018;
- Governor’s Executive Order on a Water Resiliency Portfolio;
- Implementation of the “Making Water Conservation a California Way of Life” Legislation;
- Office of Environmental Health Hazard Assessment’s “A Framework and Tool for Evaluating California’s Progress in Achieving the Human Right to Water;”
- State Board Water Resources Control Board’s Direct Potable Reuse Framework;
- State Board’s Electronic Annual Report;
- State Board’s Water Loss Performance Standards Regulations; and
- State Board’s “Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California” and draft “Toxicity Provisions.”

FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Policy and Communications Committee on October 3, 2019.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

Exhibit “A” – Summary of 2019 State Legislation of Interest to IRWD

EXHIBIT “A”
Summary of 2019 State Legislation of Interest to IRWD

Bill	Bill Summary	IRWD Position	Status
<u>AB 5 (Gonzalez)-</u> Employees and Independent Contractors	Establishes a new definition of employee and independent contractor by codifying the decision of <i>Dynamex Operations West, Inc. v. Superior Court of Los Angeles</i> (2018) that presumes a worker is an employee unless a hiring entity satisfies a three-factor test, and exempts from the test certain professions and business to business relationships.	Watch	Signed by the Governor and chaptered on September 19, 2019.
<u>AB 68 (Ting)-</u> Land Use: Accessory Dwelling Units	Proposes major changes to the laws governing accessory dwelling units and junior accessory dwelling units.	Watch	Signed by the Governor and chaptered on October 9, 2019.
<u>AB 69 (Ting)-</u> Land Use: Accessory Dwelling Units	Would require the Department of Housing and Community Development to propose small home building standards to governing accessory dwelling units smaller than 800 square feet and junior accessory dwelling units.	Watch	A two-year bill on the Senate Inactive File.
<u>AB 292 (Quirk)-</u> Recycled Water: Raw Water and Groundwater Augmentation	Proposes to eliminate the definition of direct potable reuse and indirect potable reuse from the Water Code.	Support	A two-year bill on the Senate Inactive File.
<u>AB 402 (Quirk)-</u> Local Primary Delegation: Funding Stabilization Program	Proposes to require the State Water Resources Control Board (State Board) to evaluate the State Board evaluate each local primary agency and would allow local primary agencies to participate in a funding stabilization program.	Oppose Unless Amended	A two-year bill held on the Senate Appropriations Suspense File.
<u>AB 1180 (Friedman)-</u> Recycled Water	Proposes to require the State Board to update the State’s non-potable recycled water regulations by 2023, if they have the resources to do so.	Support	Signed by the Governor and chaptered on October 2, 2019.
<u>AB 1482 (Chiu)-</u> Tenant Protection Act of 2019: Rent Caps	Proposes to cap residential rent increases at 5 percent per year, plus cost of living, and to enact just cause tenancy termination provisions.	Watch	Signed by the Governor and chaptered on October 8, 2019.

<u>AB 1486 (Ting)-</u> Surplus Land Act	Proposes a number of changes to the Surplus Land Act.	Watch	Signed by the Governor and chaptered on October 9, 2019.
<u>AB 1588 (Gloria/Gray)-</u> Drinking Water and Wastewater Operator Certification Programs	Would provide a path of reciprocity for military veterans to apply their skills and experience toward meeting the requirements for California's water and wastewater operator certifications.	Support	Enrolled and presented to the Governor on September 11, 2019.
<u>SB 1 (Atkins)-</u> California Environmental, Public Health and Workers Defense Act of 2019	Proposed, until January 20, 2025, to legislate that the federal environmental and labor laws and regulations as of January 2017, remain in place in California if they were weakened or repealed.	Oppose	Vetoed by the Governor on September 27, 2019. In the Senate for consideration of the Governor's veto.
<u>SB 13 (Wieckowski)-</u> Accessory Dwelling Units	Proposes major changes to the laws governing accessory dwelling units and junior accessory dwelling units.	Watch	Signed by the Governor and chaptered on October 9, 2019.
<u>SB 134 (Hertzberg)-</u> Water Conservation: Water Loss Enforcement	Prohibits the State Board from taking an enforcement action for failure to meet a urban water use objective if the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier's standard for water loss and the board is taking enforcement action against the urban retail water supplier for not meeting the performance standards for the volume of water losses.	Support	Signed by the Governor and chaptered on August 30, 2019.
<u>SB 414 (Caballero)-</u> Small System Water Authority Act of 2019	Proposes to enact the Small System Water Authority Act of 2019.	Support	A two-year bill held on the Assembly Appropriations Suspense File.



Drought Relief Project Grand Opening

October 14, 2019 10am-1:45pm

RRBWSD is honored to invite you to join us as we complete the Drought Relief Project. This \$30M improvement project is vital to the RRBWSD, IRWD, and SCVWA drought resiliency programs. The District will host lunch following the tour, please RSVP to admin@rrbwsd.com

9:45 am	Leave RRBWSD office parking lot
10:00 am	Arrive at Central Intake Pumping Plant
10:00 am to 10:15 am	Welcome and Introductions of Participants & Guests (RoyP and EricA)
10:15 am to 10:30 am	Background, Description & Introductions of Construction Team (DanB)
10:30 am to 10:40 am	SCVWA Remarks
10:40 am to 10:50 am	IRWD Remarks
10:50 am to 11:00 am	Ribbon Cutting and Photos
11:00 am to 11:10 am	Description of CVC Turnout (BillZ and Alex)
11:10 am to 11:20 am	Description of Pumping Plant (MikeD and TomS)
11:20 am to 11:30 am	Travel to West Basin Wells
11:30 am to 11:45 am	Description of West Basin Wells (TomH and Mark Best)
11:45 am to 12:00 pm	Travel to Superior Wells and <u>Bathroom Break</u>
12:00 pm to 12:15 pm	Description of Superior Wells (ZachS and Matt Hooker)
12:15 pm to 12:20 pm	Travel to Central Intake
12:20 pm to 12:35 pm	Description of Central Intake (BillZ and TomS)
12:35 pm to 12:50 pm	Travel to RRBWSD Office
1:00 pm to 1:45 pm	Catered Lunch at RRBWSD Shop