AGENDA
IRVINE RANCH WATER DISTRICT
FINANCE AND PERSONNEL COMMITTEE MEETING
THURSDAY, JULY 6, 2017

CALL TO ORDER **11:30 a.m.,** Committee Room, Second Floor, District Office
15600 Sand Canyon Avenue, Irvine, California

ATTENDANCE Committee Chair: Peer Swan ____ Member: Doug Reinhart ____

ALSO PRESENT

Paul Cook	____	Cheryl Clary	____
Rob Jacobson	____	Christopher Smithson	____
Tanja Fournier	____	Eileen Lin	____
Kevin Burton	____	Tina Bertsch	____
Jenny Roney	____	Tony Mossbarger	____
Paul Weghorst	____	Gretchen Ronin	____
Allen Shinbashi	____	_____	____

COMMUNICATIONS

1. Notes: Clary
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced, which came to the attention of the District subsequent to the agenda being posted.
4. Determine which items may be approved without discussion.

INFORMATION

5. EMPLOYEE POPULATION AND TURNOVER STATUS REPORT – RAMOS/RONEY

   Recommendation: Receive and file.

6. INFORMATION SERVICES PROJECT STATUS REPORT – MOSSBARGER/ CLARY

   Recommendation: Receive and file.

ACTION

7. SETTING CONNECTION FEES AND PROPERTY TAXES FOR FISCAL YEAR 2017-18

   Recommendation: That the Board adopt the revised connection fees and property taxes as proposed.

ACTION (Continued)

8. INFORMATION SERVICES PROFESSIONAL SERVICES SUPPORT CONTRACT RENEWALS – MOSSBARGER/CLARY

Recommendation: That the Board authorize the General Manager to execute Professional Services Agreements for the period July 1, 2017 to June 30, 2018 with Infosys Ltd for $300,000 for managed support services and one-time projects; Outsource Technical for $225,000 for on-call programming, analysis, project management, and networking services; and Skoruz Technologies for $225,000 for on-call programming, analysis, and project management services.

9. LUMP SUM PAYMENT OPTION FOR EMPLOYER CONTRIBUTIONS FOR FY 2017-18 TO THE CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM – LIN/CLARY

Recommendation: That the Committee recommend that the Board approve the lump sum payment for employer contributions to the California Public Employees Retirement System (CalPERS) by making a one-time contribution of $3,844,111 for the District's FY 2017-18 employer contribution.

TREASURY SECTION

10. MONTHLY INVESTMENT AND DEBT REVIEW – DAVIS/FOURNIER/ JACOBSON/CLARY

Recommendation: Receive and file.

11. DISCUSSION ITEMS – ALL

a. Updated investment activities/rates
b. Cost of new logo implementation
c. Items for discussion at next meeting.

OTHER BUSINESS

12. Directors' Comments
13. Adjournment

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 above-named Committee in connection with a matter subject to discussion or consideration at an open meeting of the Committee 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 Committee 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 Committee Members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance of the meeting room at the District Office. The Irvine Ranch Water District Committee 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 an alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

July 5, 2017
Prepared by: Marta Ramos
Submitted by: Jenny Roney
Approved by: Paul Cook

FINANCE AND PERSONNEL COMMITTEE

EMPLOYEE POPULATION AND TURNOVER STATUS REPORT

SUMMARY:

Staff has prepared various population and turnover reports for Committee review.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

Not applicable.

RECOMMENDATION:

Receive and file.

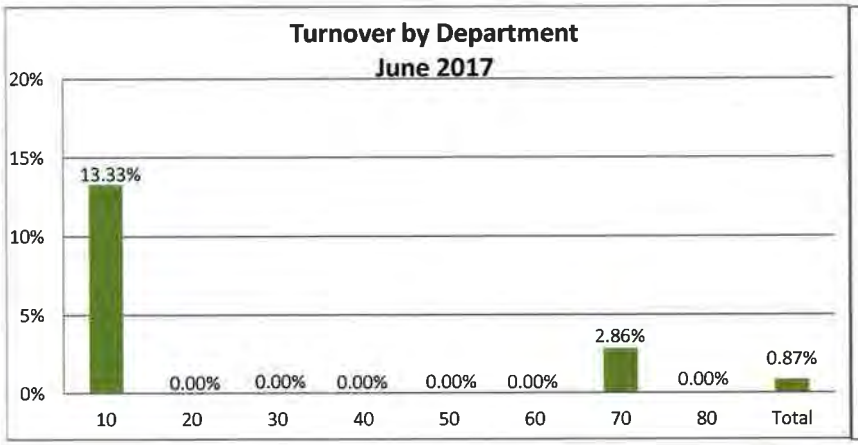
LIST OF EXHIBITS:

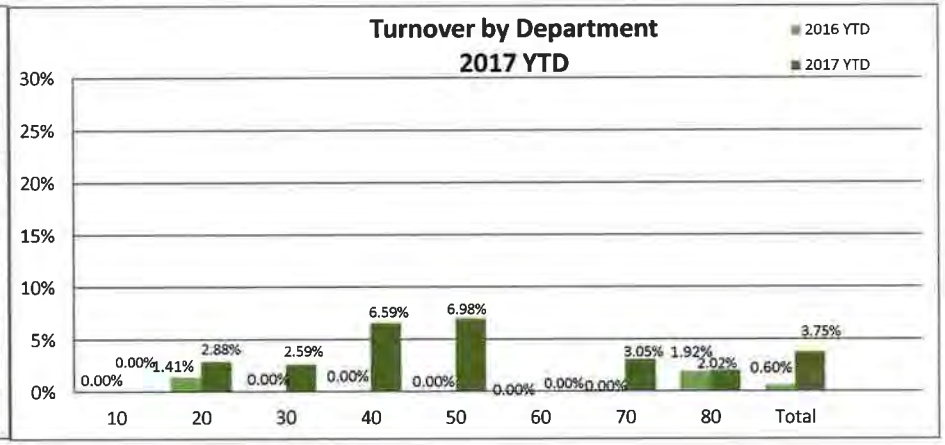
Exhibit "A" - Employee Population/Turnover Status Report

EXHIBIT A

IRVINE RANCH WATER DISTRICT
EMPLOYEE POPULATION STATUS REPORT
June 2017

	@06/01/17	Current Month Activity							@06/30/17		FY 16/17	Avg FYTD	Avg FYTD	Avg FYTD	Internal Turnover		External Turnover	
	Positions	New	Terms		Promo Trnsfr		Lateral Trnsfr		Positions	Positions	Budgeted	Filled Budget	Temp Emp	Total Filled	Current	2017	Current	2017
Dept No	Filled	Hires	Vol	Invol	In	Out	In	Out	Filled	Unfilled	Positions*	Positions	FTE	Positions	Period	YTD	Period	YTD
10P	15.0		2						13.0	2	15.0	13.7	0.0	13.7	0.00%	0.00%	13.33%	14.29%
20P	77.0								77.0	3	80.0	74.3	6.5	80.8	0.00%	0.00%	0.00%	2.67%
30P	42.0								42.0	0	42.0	39.9	4.7	44.6	0.00%	0.00%	0.00%	0.00%
40P	64.0	1							65.0	2	67.0	63.0	2.9	65.9	0.00%	0.00%	0.00%	3.08%
50P	38.0	1							39.0	9	48.0	41.0	2.7	43.7	0.00%	2.53%	0.00%	10.13%
60P	19.0	1							20.0	0	20.0	19.5	0.1	19.6	0.00%	0.00%	0.00%	0.00%
70P	35.0	1	1						35.0	1	36.0	32.0	6.5	38.5	0.00%	0.00%	2.86%	3.05%
80P	56.0								56.0	4	60.0	55.0	3.8	58.8	0.00%	1.78%	0.00%	0.00%
Totals	346	4	3	0	0	0	0	0	347.0	21	368.0	338.4	27.2	365.6	0.00%	0.30%	0.87%	3.27%
5/16	337	0	1	0	0	0	0	0	336	16	352.00	316.20	70.40	386.60	0.00%	0.31%	0.30%	2.81%



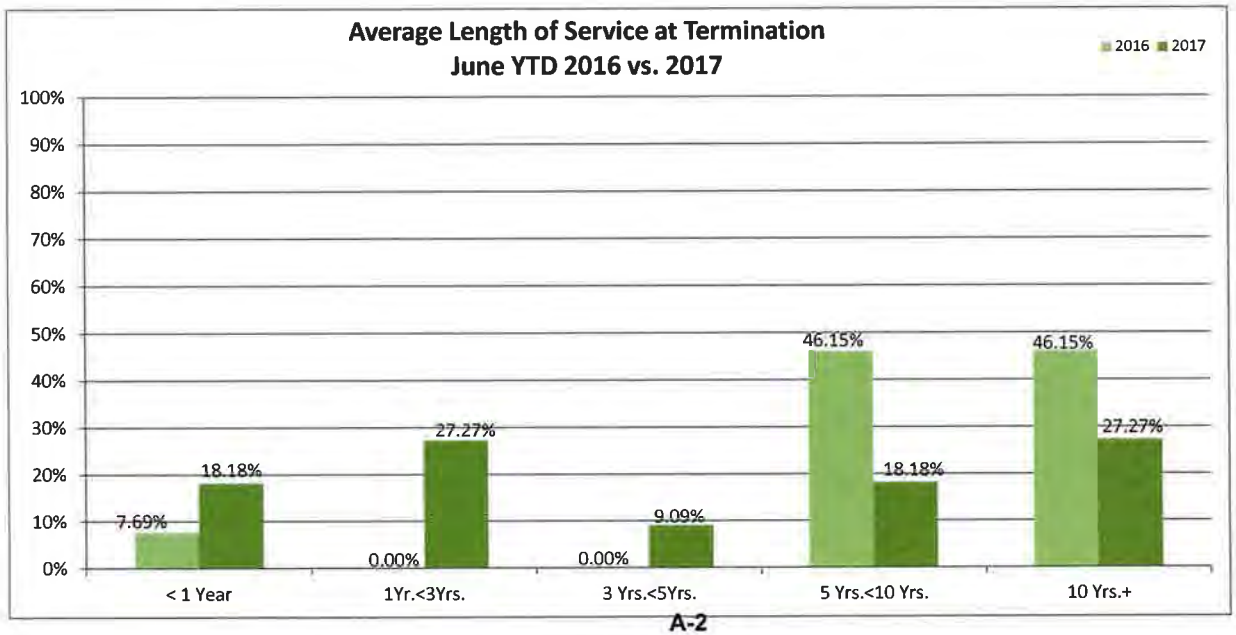


10P-GM, HR, Safety; 20P-Fin., Cust. Serv., IS, Purch.; 30P-Eng.: 40P-Water Ops; 50P-Recycling; 60P-Water Qualty; 70P-Water Res., Pol., Conserv. and Public Affairs; 80P-Maintenance Ops

IRVINE RANCH WATER DISTRICT
Turnover Longevity Ratio
June 2017

Dept.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	YTD Turnover Longevity Ratio				
														< 1 Year	1Yr.<3Yrs.	3 Yrs.<5Yrs.	5 Yrs.<10 Yrs.	10 Yrs.+
10P						2												2
20P		1		1										1		1		
30P																		
40P		1			1									1			1	
50P				1	2										2		1	
60P																		
70P						1									1			
80P	1																	1
2017 Total	1	2	0	2	3	3							11	2	3	1	2	3
2016 Data	1	3	1	3	1	3	1	3	2	2	3	3	26					
Percentage of Total Turnover														18.18%	27.27%	9.09%	18.18%	27.27%

2017 Average YTD Length of Service at Termination	9.02 Years
2016 Average YTD Length of Service at Termination	12.43 Years
2015 Average YTD Length of Service at Termination	12.27 Years
2014 Average YTD Length of Service at Termination	19.07 Years
2013 Average YTD Length of Service at Termination	17.24 Years



IRVINE RANCH WATER DISTRICT
EMPLOYEE POPULATION STATUS REPORT
June 2017

NEW HIRES

Hire	Dept	Employee Name	Position	Comments
06/03/17	40P	Husai Magana	Water Maintenance Technician I	
06/05/17	50P	Brandon Joseph	Collection Systems Technician I	
06/05/17	60P	Jacob Kanady	Scientist	
06/05/17	70P	John Fabris	Public Affairs Manager	

TERMINATIONS

Termination Date	Dept	Employee Name	Position	Reason	Comments
06/09/17	70P			Voluntary	Resigned

RETIREMENTS

Effective Date	Departing Dept	Employee Name	Position	Reason	Comments
06/01/17	10P	Terri Isaacs	Human Resources Analyst	Voluntary	Retired
06/01/17	10P	Gretchen Ronin	Human Resources Manager	Voluntary	Retired

PROMOTIONS

Effective Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position
06/03/17	10P	Marie Bowers	Human Resources Assistant	10P	Human Resources Analyst
06/03/17	50P	Joshua Amezcua	Operator II	50P	Operator III
06/03/17	50P	Rafael Vazquez	Operator I	50P	Operator II
06/03/17	50P	Casey Hansen	Operator I	50P	Operator II
06/17/17	50P	Wayne Sidlin	Operator II	50P	Operator III

TRANSFERS

Effective Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position

CROSS TRAINING

Effective Date	Departing Dept	Employee Name	Departing Position	New Dept	New Position
06/03/17	50P	Ricky Ruiz	Operator II	50P	Operator II
06/17/17	40P	Nicholas Pizanie	Water Maintenance Technician III	40P	Water Maintenance Technician III
01/28/16	50P	Rafael Vazquez	Operator II	40P	Operator II

IRVINE RANCH WATER DISTRICT
EMPLOYEE POPULATION STATUS REPORT
June 2017

UNFILLED POSITIONS			
Dept	**Position**	**Salary Grade**	**Comments**
10P	Human Resources Technician	U25.N	
10P	Human Resources Manager	U13.E	Underfilling with a Sr. Human Resources Analyst
20P	Mailroom Coordinator	6.N	
20P	Mailroom Coordinator	6.N	
20P	Customer Service Specialist III	21.N	
40P	Water Maintenance Technician I	16.N	
40P	Operator II	27.N	
50P	Collection Systems Technician I	15.N	Recruiting
50P	Wetland Specialist	24.N	
50P	Operator I (MWRP)	27.N	
50P	Operator II (MWRP)	29.N	
50P	Operator II (MWRP)	29.N	
50P	Operator III (MWRP)	29.N	
50P	Operator III (MWRP)	29.N	
50P	Operator I (LAWRP)	27.N	
50P	Operator III (LAWRP)	27.N	
70P	Sr. Recycled Water Specialist	27.N	
80P	Executive Assistant	U26.N	
80P	Sr. Electrical Technician	30.N	
80P	Automation Specialist	32.N	
80P	Automation Programmer	13.E	Recruiting

IRVINE RANCH WATER DISTRICT
EMPLOYEE POPULATION STATUS REPORT
June 2017

Month	Dept	Length of Employment	Termination		Comments
			Vol	Invol	
January	50P	19 Years, 3 Months	X		Other employment
February	40P	1 Year, 11 Months	X		Other employment
	20P	3 Years, 4 Months	X		Other employment
March					
April	50P	7 Years, 9 Months	X		Other employment
	20P	4 Months	X		Other employment
May	40P	5 Years, 8 Months	X		Other employment
	50P	2 Years, 5 Months	X		Other employment
	50P	1 year, 3 Months	X		Other employment
June	10P	28 Years, 1 Month	X		Retired
	10P	27 Years, 2 Months	X		Retired
	70P	2 Year, 1 Month	X		Resigned
July					
August					
September					

IRVINE RANCH WATER DISTRICT
SUMMARY
AGENCY & DISTRICT TEMPORARY EMPLOYEES
May 2017
Active

Current Month FTE	Avg FYTD Temp Emp FTE	Active PERS Y/N *	Agency	Dept	Hire Date	Term Date	Classification	Hourly Rate	Est Hours per Month	Est Cost Per Month	Expected Duration (Months)	Actual Worked (Months)	Projected Cost FY' YTD	Actual Cost FY 'YTD
0.00	**0.00**			**10P**										
0.45	0.81	Yes		220	3/3/2014		Full Time	20.84	168	3,501.12	12	11	38,512.32	32,614.60
1.00	0.97	Yes		220	5/11/2015		Full Time	28.95	168	4,863.60	12	11	53,499.60	56,459.74
0.97	0.83	Yes		220	2/16/2016	6/2/2017	Full Time	28.95	168	4,863.60	12	11	53,499.60	47,861.59
0.91	0.21	No		220	3/13/2017		Full Time	25.97	168	4,362.96	3	2.5	10,907.40	10,238.67
0.18	0.02	No		220	5/30/2017		Full Time	19.99	168	3,358.32	2	0.25	839.58	654.67
0.13	0.01	No		240	5/31/2017		Full Time	26.01	168	4,369.68	3	0.25	1,092.42	585.23
0.60	0.18	No		250	2/13/2017		Part Time	14.00	84	1,176.00	4	3	3,528.00	4,865.00
0.19	0.06	No		250	2/17/2017		Part Time	14.00	84	1,176.00	4	3	3,528.00	1,491.00
4.44	**3.09**			**20P**										
0.17	0.56	Yes		300	6/20/2015	5/12/2017	Full Time	35.35	168	5,938.80	12	11	65,326.80	37,859.85
0.91	0.80	Yes		300	6/20/2015		Full Time	24.23	168	4,070.64	12	11	44,777.04	37,277.86
0.20	0.37	EXC		300	6/22/2015	6/14/2017	Part Time	16.00	84	1,344.00	12	11	14,784.00	11,196.00
0.20	0.35	EXC		300	5/23/2016		Part Time	15.00	84	1,260.00	12	11	13,860.00	9,960.00
0.34	0.50	EXC		300	6/20/2016	6/9/2017	Part Time	15.00	84	1,260.00	12	11	13,860.00	14,272.50
0.62	0.65	EXC		300	6/20/2016		Part Time	15.00	84	1,260.00	12	11	13,860.00	18,525.00
0.16	0.36	EXC		300	6/20/2016	6/15/2017	Part Time	15.00	84	1,260.00	12	11	13,860.00	10,200.00
0.91	0.18	Yes		300	3/21/2017	6/23/2017	Full Time	25.00	168	4,200.00	3	2.5	10,500.00	8,675.00
0.77	0.07	No		300	5/4/2017		Full Time	26.70	168	4,485.60	2	1	4,485.60	3,631.20
0.05	0.00	EXC		300	5/30/2017		Part Time	15.00	84	1,260.00	2	0.25	315.00	120.00
4.33	**3.83**			**30P**										
0.00	0.00	No		**425**	5/2/2017		Full Time	26.65	168		4	1		
0.91	0.92	Yes		430	10/26/2015		Full Time	19.14	168	3,215.52	12	11	35,370.72	34,137.63
0.89	0.16	No		430	4/5/2017		Full Time	20.00	168	3,360.00	3	3	10,080.00	6,160.00
0.97	0.73	Yes		710	8/22/2016		Full Time	29.45	168	4,947.60	10	8.25	40,817.70	41,465.60
2.77	**1.81**			**40P**										
0.00	0.00	EXC		515	6/20/2016		Part Time	19.00	84	1,596.00	12	11	17,556.00	13,665.75
0.46	0.47	EXC		515	6/20/2016	6/28/2017	Part Time	16.00	84	1,344.00	12	11	14,784.00	14,280.00
0.86	0.71	Yes		515	6/27/2016		Full Time	26.49	84	2,225.16	12	11	24,476.76	36,119.12
0.30	0.17	EXC		515	10/25/2016	6/28/2017	Part Time	16.00	84	1,344.00	9	7.25	9,744.00	5,112.00
0.91	0.37	No		515	1/19/2017		Full Time	34.65	168	5,821.20	6	5.5	32,016.60	24,306.98
2.53	**1.71**			**50P**										
0.00	0.00	EXC		600	7/18/2016	6/16/2017	Part Time	14.00	84	1,176.00	12	11	12,936.00	12,031.25
0.81	0.08	NO		600	5/1/2017		Full Time	35.00	168	5,880.00	2	1	5,880.00	5,311.25
0.81	**0.08**			**60P**										
0.00	0.00	Yes		710	6/8/2015	6/2/2017	Full Time	26.49	168	4,450.32	12	11	48,953.52	44,695.25
0.89	0.85	Yes		710	6/8/2015	6/30/2017	Full Time	26.49	168	4,450.32	12	11	48,953.52	43,609.16
0.11	0.29	EXC		710	6/29/2015	5/6/2017	Part Time	14.00	84	1,176.00	12	11	12,936.00	7,721.00
0.91	0.76	Yes		710	12/14/2015		Full Time	33.62	168	5,648.16	12	11	62,129.76	49,488.64
0.91	0.85	Yes		720	7/5/2016		Full Time	20.00	168	3,360.00	12	11	36,960.00	32,505.00
0.75	0.46	Yes		730	8/13/2015		Part Time	19.80	84	1,663.20	12	11	18,295.20	17,275.50
0.83	0.55	Yes		730	8/13/2015		Part Time	19.00	84	1,596.00	12	11	17,556.00	20,102.00
0.23	0.58	Yes		740	9/6/2016	6/29/2017	Full Time	17.00	168	2,856.00	11	9	25,704.00	22,899.00
4.63	**4.34**			**70P**										
0.00	0.00													
0.00	**0.00**			**80P**										
19.51	**14.86**													

IRVINE RANCH WATER DISTRICT
SUMMARY
AGENCY & DISTRICT TEMPORARY EMPLOYEES

May 2017

Terminated

Current Month FTE	Avg FYTD Temp Emp FTE	Active PERS Y/N *	Agency	Dept	Hire Date	Term Date	Classification	Hourly Rate	Est Hours per Month	Est Cost Per Month	Expected Duration (Months)	Actual Worked (Months)	Projected Cost FYTD	Actual Cost FYTD
0.00	0.00	Yes		130	1/29/2014	3/10/2017	Full Time	21.00	168	3,528.00	8	7	24,696.00	0.00
0.00	**0.00**			**10P**										
0.00	0.02	No	X	210	8/15/2016	8/23/2016	Full Time	77.99	168	13,102.32	6	0.25	3,275.58	3,119.60
0.63	0.12	No	X	210	5/24/2016	9/6/2016	Full Time	75.95	168	12,759.60	6	2	25,519.20	17,468.50
0.67	0.40	No	X	210	10/24/2016	3/17/2017	Full Time	36.96	168	6,209.28	2.25	3.25	20,180.16	28,263.50
0.45	0.04	No	X	210	9/19/2016	10/6/2016	Full Time	53.00	168	8,904.00	6	0.5	4,452.00	4,187.00
0.00	0.15	No	X	220	6/14/2016	7/13/2016	Full Time	32.30	168	5,426.40	6	1	5,426.40	9,302.40
0.45	0.18	Yes		220	10/16/2012	8/27/2016	Full Time	17.00	168	2,856.00	1	3	8,568.00	6,268.75
0.99	0.26	Yes		220	7/13/2015	9/24/2016	Full Time	26.12	168	4,388.16	6	4	17,552.64	13,118.77
0.92	0.32	Yes		220	6/1/2015	10/22/2016	Full Time	26.12	168	4,388.16	6	4	17,552.64	16,325.00
0.23	0.26	Yes		220	8/24/2015	10/7/2016	Full Time	26.12	168	4,388.16	6	4	17,552.64	13,197.13
0.18	0.25	No	X	220	3/21/2016	10/7/2016	Full Time	26.12	168	4,388.16	6	4	17,552.64	12,490.85
0.88	0.92	Yes		240	5/31/2016	4/10/2017	Full Time	27.72	168	4,656.96	11	10	46,569.60	48,828.78
0.45	0.43	No	X	240	11/7/2016	4/10/2017	Full Time	27.98	168	4,700.64	6	5	23,503.20	22,838.68
0.41	0.07	No		250	3/1/2017	5/2/2017	Part Time	18.00	84	1,512.00	2	3	4,536.00	2,412.00
4.52	**2.00**			**20P**										
0.50	0.11	EXC		300	6/1/2015	8/19/2016	Part Time	15.00	84	1,260.00	0.5	2.5	3,150.00	3,112.50
0.00	0.15	Yes		300	6/20/2015	9/24/2016	Full Time	35.35	168	5,938.80	12	3	17,816.40	10,251.50
0.23	0.58	Yes		300	5/23/2016	3/12/2017	Full Time	30.32	168	5,093.76	12	7	35,656.32	33,857.13
0.50	**0.26**			**30P**										
0.90	0.25	No	X	430	6/21/2016	9/29/2016	Full Time	29.19	168	4,903.92	3	3	14,711.76	14,295.80
0.97	0.34	No	X	425	5/31/2016	10/28/2016	Full Time	29.19	168	4,903.92	6	4	19,615.68	19,265.40
0.81	0.55	Yes		430	5/28/2015	1/28/2017	Full Time	20.00	168	3,360.00	12	7	23,520.00	21,115.00
1.86	**0.58**			**40P**										
0.00	**0.58**	Yes		**840**	9/28/2015	7/4/2016	Full Time	30.59	168	5,139.12	0.25	0.1	513.91	34,146.09
0.00	**0.58**			**50P**										
0.00	**0.00**			**60P**										
0.00	0.02	No	X	710	12/14/2015	7/15/2016	Full Time	33.62	168	5,648.16	2	1.5	8,472.24	1,428.85
0.64	0.14	Yes		710	5/8/2014	9/2/2016	Full Time	26.49	168	4,450.32	6	2	8,900.64	6,887.40
0.45	0.62	Yes		710	6/29/2015	3/19/2017	Full Time	26.49	168	4,450.32	12	7	31,152.24	31,728.40
0.75	0.55	No	X	730	11/23/2015	4/29/2017	Part Time	19.99	84	1,679.16	12	11	18,470.76	20,932.73
0.45	**0.62**													
0.00	**0.00**			**80P**										
	3.42												1,255,101.79	1,132,214.76

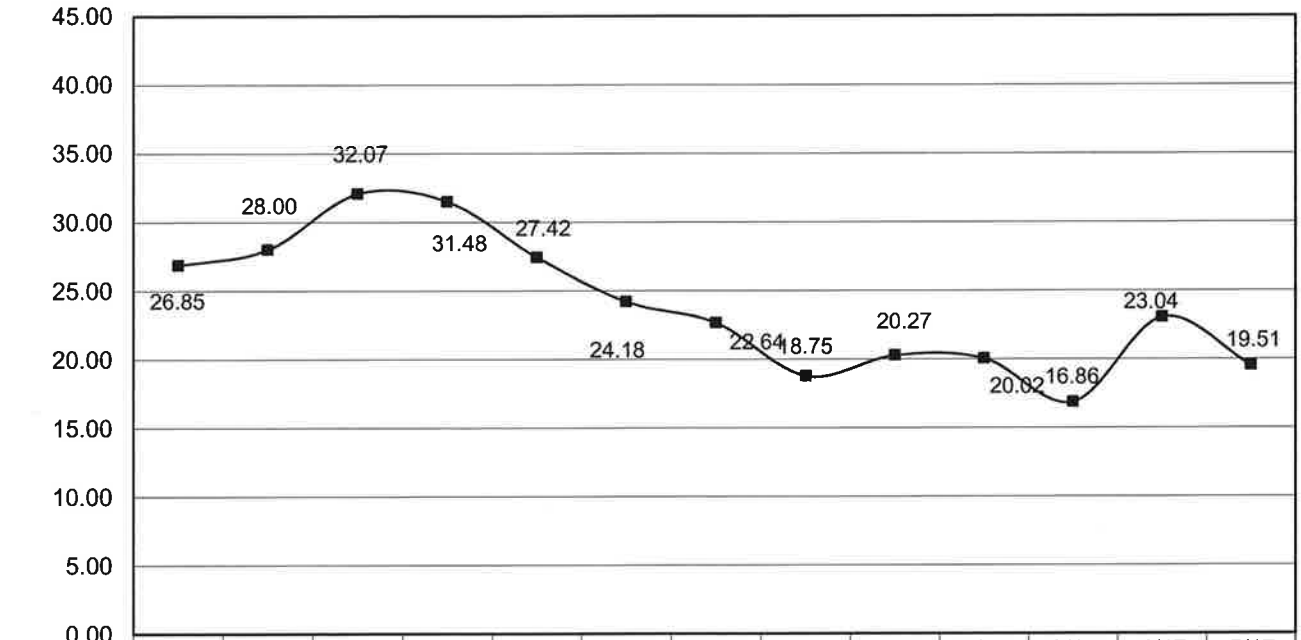
RET = Retired Annuitant working less than 960 hrs/yr/No=Temporary Employee not enrolled in PERS Membership
EXC = Exclude by PERS Contract / Yes= Temporary employee enrolled in PERS Membership

* Temporaries are reported 30 days in arrears

Temporary Employees

Full Time Equivalency thru 05/31/17

District Totals



	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17
District	26.85	28.00	32.07	31.48	27.42	24.18	22.64	18.75	20.27	20.02	16.86	23.04	19.51

July 6, 2017
Prepared by: Tony Mossbarger
Submitted by: Cheryl Clary
Approved by: Paul Cook

FINANCE AND PERSONNEL COMMITTEE

INFORMATION SERVICES PROJECT STATUS REPORT

SUMMARY:

Attached in Exhibit "A" is a list of projects on which Information Services staff is currently working. Also attached in Exhibit "B" is a summary of the costs for Oracle software, hardware, and implementation for the Financial System and Utility Billing System replacement projects.

FISCAL IMPACTS:

The fiscal impacts vary depending on project, and are incorporated in Exhibit "A".

ENVIRONMENTAL COMPLIANCE:

Not Applicable.

RECOMMENDATION:

Receive and file.

LIST OF EXHIBITS:

Exhibit "A" – Information Services Project Status Report
Exhibit "B" – Oracle Cost Summary

Exhibit A

Information Services Project Status Report
Five Month Update as of June 2017

Project Name	Project Summary	Schedule		Project Budget	Status
Network Infrastructure Security Assessment	Conduct a network security assessment to identify vulnerabilities and risks to the IRWD network infrastructure environment.	Start **Completed**	1/17 3/17	$30,000	The assessment was completed in March 2017. The assessment report was reviewed with the F& P Committee in April 2017.
Oracle Financials Upgrade, Improvement District (ID) Consolidation, and Project Management Implementation	Upgrade Oracle Financial application to latest version, implement the software changes required to accommodate the consolidation of ID's and simplification of existing implemented modules, and implement the project management module.	Start **Completed**	3/16 6/17	$4,185,600	The original project completion date was October 31, 2016, however the project was delayed due to resource constraints to complete development of key requirements. The system went live on February 27, 2017. Post go-live support was provided by KPMG and Project Partners through May 2017. All issues identified after go-live have been resolved except for an issue with payroll reporting. This issue is in the process of being resolved. A Disaster Recovery (DR) environment was included in the scope of the upgrade. The DR environment has been setup using the Oracle Cloud Service and went live in June.

Exhibit A
Information Services Project Status Report
Five Month Update as of June 2017

Project Name	Project Summary	Schedule		Project Budget	Status
IRWD Enterprise – Hardware and Software Upgrades	Replace hardware based on replacement policy. Upgrade software as hardware is replaced.	Start **Completed**	7/16 6/17	$701,500	Hardware replacements are 100% complete.
Enterprise Asset Management (EAM) System Implementation Part 1	Replace existing work orders and maintenance management systems with EAM system as recommended in the Applications Strategic Plan.	Start Completion	1/17 12/18	$4,853,000	The consultant, TRM, provided staff with initial training. Server hardware has been purchased and installed. Maximo software has been installed. Business process design workshops have been completed. System configuration has started and integration with Oracle financials is in process. Maximo part 1, Work Orders and Time Tracking, is scheduled to go live in October 2017.

Exhibit A
Information Services Project Status Report
Five Month Update as of June 2017

Project Name	Project Summary	Schedule		Project Budget	Status
Identity and Password Management Software Upgrade	Replace the existing software used to manage user passwords and identity across all of the Districts applications and systems. Existing software needs to be replaced with software that integrates with Oracle applications and systems.	Start Completion	5/14 8/17	$105,000	Self Service Password Reset and Single Sign-On have been implemented. The final module, Network Access Manager, used remote sign-on, is scheduled to be configured and implemented in August 2017. Based on the updated schedule, the target completion date has been revised from March 2017 to August 2017.
Utility Bill Re-Design	Staff is conducting a complete de-design of the utility bill. The process includes conducting focus groups with customers and reviewing the entire bill print and delivery process	Start Completion	10/15 12/17	$200,000 (estimate)	Staff issued an RFP in April to six vendors for bill print, mailing services, and eBill Presentment services. Five vendors responded and staff has selected two finalists. Staff is conducting reference checks and site visits before selecting the finalist in Early July. Based on the updated schedule, the target completion date has been revised from April 2017 to December 2017.

Exhibit A

Information Services Project Status Report
Five Month Update as of June 2017

Project Name	Project Summary	Schedule		Project Budget	Status
Document Image Management Software (WebDocs) Upgrade	Upgrade the District's document image management software. The upgrade will facilitate the move from the District's legacy IBM AS/400 to a Microsoft Windows Server system.	Start Completion	4/16 8/17	$45,000	The upgrade and migration of the document management system is in process. Based on the updated schedule, the target completion date has been revised from May 2016 to August 2017. This will accommodate the inclusion of the Invoice Scan and Capture Software replacement.
Invoice Scan and Capture Software Replacement	Purchase and Implement replacement Invoice Scan and Capture Software.	Start Completion	4/17 8/17	$48,000	The implementation is in process. The schedule was changed to coincide with the Document Management software upgrade. Based on the updated schedule, the target completion date has been revised from March 2017 to August 2017.
Network Equipment Replacement	Replace network equipment hardware based on end of vendor support.	Start Completion	2/17 8/17	$471,500	An RFP was issued in April 2017 to four vendors. Three vendors responded and Resilient Communications was selected as the finalist. The Board approved the award of the contract to Resilient in June 2017. Based on the updated schedule, the target completion date has been revised from June 2017 to August 2017.
Debt and Investment Management Software	Purchase and Implement Debt and Investment Management Software.	Start Completion	8/17 12/17	$65,000	Staff is currently reviewing software implementation options.

Exhibit A

Information Services Project Status Report
Five Month Update as of June 2017

Project Name	Project Summary	Schedule		Project Budget	Status
IRWD Enterprise – Hardware and Software Upgrades	Replace hardware based on replacement policy. Upgrade software as hardware is replaced.	Start Completion	7/17 6/18	$681,800	Approved by the Board in the FY 2017-18 Budget.
Business Intelligence Disaster Recovery in the Cloud	Implement the Districts Oracle Business Intelligence Disaster Recovery environment in the Oracle Cloud.	Start Completion	7/17 9/17	$40,000	Approved by the Board in the FY 2017-18 Budget.
Network Infrastructure Security Assessment	Conduct a network security assessment to identify vulnerabilities and risks to the IRWD network infrastructure environment.	Start Completion	1/18 6/18	$45,000	Approved by the Board in the FY 2017-18 Budget.

Exhibit B
Oracle Cost Summary
Through June 2017

	Budget	Expended to Date
One Time Expenditures:		
Oracle Financial Implementation (Includes software application licenses and hardware)	$7,264,200	$7,264,200
Oracle Customer Care & Billing Implementation (Includes software application licenses, hardware, and Unlimited License Agreement (ULA) for technology licenses 5/2011 to 5/2014)	$11,565,400	$11,335,926
Oracle Business Intelligence Software Upgrade	$492,800	$492,800
Oracle Financial System Version Upgrade, ID Consolidation Changes, and Project Management Implementation	$4,185,600	$4,089,000
Total Capital Expenditures	$23,508,000	$23,181,926
Extension to ULA for technology licenses (5/2014 to 11/2017)		$1,373,774
Total One Time Expenditures		$24,555,700
Ongoing Annual Expenses*:		
Annual Oracle Software and Support Maintenance for FY 2016-17.	$1,595,700	$1,564,000
Managed Services contract with Infosys for Oracle Customer Care & Billing (CC&B) for FY 2016-17.	$375,000	$363,000

* On-call Services for Database Administration, Programming and Analysis, and the additional four full time positions added to Information Services are not included.

July 6, 2017
Prepared by: Christopher Smithson
Submitted by: Cheryl Clary
Approved by: Paul A. Cook

FINANCE AND PERSONNEL COMMITTEE

SETTING CONNECTION FEES AND PROPERTY TAXES FOR FISCAL YEAR 2017-18

SUMMARY:

Connection fees for the City of Irvine / Great Park Recycled Water (ID 112/212) and ID 256 Orange Park Acres were approved at the June 12, 2017 Board meeting; all other connection fees were last updated in July 2016. The proposed changes are based on periodic updates to the capital budget and other changing assumptions including increases to the ENR construction cost index and are discussed below.

Staff recommends changes to the existing connection fees and property tax rates based on updated data for the IRWD improvement districts (ID).

BACKGROUND:

The Long Term Capital Funding Plan (LTFP), completed in November 2013, established connection fees and formed new IDs for funding capital requirements and setting tax rates. A fundamental concept in the District's LTFP is that the costs of new capital facilities are shared equally between the connection fees paid by the developer and property taxes paid by property owners. The District uses a comprehensive financial model to incorporate regional capital costs, future development, growth rates, inflation, and other variables to determine connection fees. Connection fee increases were modeled for both residential and commercial development along with a consolidated tax rate. Staff updated the District's financial model for FY 2017-18 connection fees and tax rate setting to include:

- Updated capital improvement program;
- Updated Engineering News Record (ENR) estimated capital cost increase of 2.7%;
- Fund balance adjustments after the LTFP was implemented in Oracle in February 2017;
- Updated assessed valuations; and
- Updated development units.

IDs 112/212:

There are three separate developments contributing to IDs 112/212: the City of Irvine (City) / Great Park development, the Great Park Neighborhoods development, and the 100-acre parcel owned by the County of Orange; connection fees for these developments will be set separately.

City of Irvine / Great Park

The recycled water connection fee of $28.85 million for the Great Park was approved at the June 12, 2017 Board meeting. The city has indicated that it may request IRWD to provide some financing but has yet to make a formal request.

FivePoint Communities – Great Park Neighborhoods

The Great Park Neighborhoods is the FivePoint Communities development within ID 112/212. Staff recommends a 21.1% reduction in the current connection fees based on changes in the capital program from shifts outside the ID (primarily the elimination of the East Orange development) as well as the Great Park connection fee. The consolidated water and sewer connection fee decreases by $1,053, from $5,003 to $3,950 per unit. Staff recommends maintaining the current consolidated tax rate of $0.7500 per $100 of land assessed value in order to maintain the 50/50 split.

County of Orange 100-acre Parcel

Staff recommends applying the same 21.1% reduction to the connection fee for the 100-acre development site owned by the County of Orange with no tax base. The consolidated water and sewer connection fee decreases by $1,938, from $9,206 to $7,268 per unit. The property tax rate will remain at zero because as long as this property is owned by the County, there is no tax base.

Improvement Districts	Connection Fees		Property Tax	
	Current	Proposed	Current	Proposed
112/212 (Great Park Neighborhood)	$5,003	$3,950	$0.0750	$0.0750
112a/212a (County 100-acre Parcel)	$9,206	$7,268	$0.0000	$0.0000

IDs 113/213 – Tustin Base:

Staff recommends decreasing connection fees by 2% after consideration of the adjusted fund balance. This will decrease the water and sewer connection fee $158, from $7,921 to $7,762 per unit. Staff recommends maintaining the current consolidated tax rate of $0.09900 per $100 of land assessed value in order to maintain the 50/50 split.

Improvement Districts	Connection Fees		Property Tax	
	Current	Proposed	Current	Proposed
113/213	$7,921	$7,762	$0.0990	$0.0990

IDs 185/285 – Opportunity Study Area, Excluding Portola:

In March 2014, General Obligation (GO) bonding authority was voted in for these IDs which provides for a sharing of the capital costs between connection fees and property taxes and bonds were issued in 2016. Staff recommends no change to the existing connection fees. Staff recommends establishing a property tax rate of $0.05350 per $100 of land assessed value.

Improvement Districts	Connection Fees		Property Tax	
	Current	Proposed	Current	Proposed
185/285 (Opportunity Study)	$4,601	$4,601	$0.0000	$0.0535

IDs 188/288 – Portola – Portion of Opportunity Study Area:

Some of the capital shifts identified earlier resulted in an increase in capital costs for IDs 188/288. The future development for 188/288 is smaller than most IDs (900 units) and an increase in future capital, along with the elimination of bonding authority, directly affects the connection fee. Staff recommends increasing connection fees by $2,663, increasing the water and sewer connection fee from $4,035 to $6,698 per residential unit; and reducing the current consolidated tax rate of $0.22540 to $0.0835 per $100 of land assessed value. The reduction will provide sufficient revenue to meet annual debt service. The reduction is driven primarily from a significant increase in the assessed value (1,000%).

	Connection Fees		Property Tax	
Improvement Districts	Current	Proposed	Current	Proposed
188/288 (Opportunity Study)	$4,035	$6,698	$0.2254	$.0835

IDs 153/253 – Developing IDs:

There has been significant change in development projections in this area. The East Orange development has been reduced with the land being donated as open space. Capital demands and development projections have been updated. The Irvine Lake Management Plan is complete and staff recommendation is to continue with the assumed native water yield of 3,200 acre feet (AF). Assuming the MWD rate increases from 2016 and the proposed increase for 2017, and that water sold to the other agencies is valued at 90% of the imported cost, the future native water revenue increases significantly. Based on the capital adjustments and the assumed native water yield, staff recommends decreasing the consolidated water and sewer connection fee from $4,188 to $3,560 (a net reduction of $628 or 15%). Bonds were issued for these IDs in 2016 and establishing a property tax rate of $0.04100 per $100 of land assessed value.

	Connection Fees		Property Tax	
Improvement Districts	Current	Proposed	Current	Proposed
153/253 (Undeveloped ID)	$4,188	$3,560	$0.0000	$0.0410

ID 256 – Orange Park Acres (OPA) Sewer:

The revised fee below was approved by the Board at its June 12, 2017 Board meeting.

	Connection Fees		Property Tax	
Improvement Districts	Previous	Approved 6/12/2017	Previous	Approved 6/12/2017
156/256 (Undeveloped ID)	$25,839	$5,900	$0.0000	$0.0000

All Other IDs:

These areas experienced no significant changes in funding requirements. The recommendation for these ID's is a 2.70% increase (ENR) to connection fees applied to the capital program, attributable to construction cost increases due to capital inflation. The change results in:

Improvement Districts	Connection Fees		Property Tax	
	Current	Proposed	Current	Proposed
125/225(Developed)	$5,484	$5,633	$0.028	$0.028
111/222(Developed, no GO Authority)[1]	$9,100	$9,346	NA	NA

FISCAL IMPACTS:

Total Connection Fees discussed above are included in the FY 2017-18 Non-Operating budget.

ENVIRONMENTAL COMPLIANCE:

Not Applicable

RECOMMENDATION:

That the Board adopt a resolution revising connection fees and property taxes as proposed.

LIST OF EXHIBITS:

Exhibit "A" – Proposed Connection Fees and Property Tax Rates by ID

[1] Identifies the consolidated connection fee for a density between 5.9 to 10.8 dwelling units (DU) per acre.

Exhibit "A"

Proposed Connection Fees and Property Tax Rates
Fiscal Year 2017-18

CONNECTION FEES

	Current			Proposed			Change	
Improvement District	**Water**	**Sewer**	**Total**	**Water**	**Sewer**	**Total**	**$**	**%**
111/222	$3,260	$5,840	$9,100	$3,348	$5,998	$9,346	$246	2.7%
112/212	$1,386	$3,617	$5,003	$1,460	$2,490	$3,950	($1,053)	-21.1%
112a/212a No Tax Aut	$2,550	$6,656	$9,206	$2,686	$4,582	$7,268	($1,938)	-21.1%
113/213	$2,881	$5,040	$7,921	$2,823	$4,939	$7,762	($158)	-2.0%
125/240	$2,637	$3,621	$6,258	$2,708	$3,719	$6,427	$169	2.7%
125/225	$2,637	$2,847	$5,484	$2,708	$2,924	$5,633	$148	2.7%
153/253	$1,937	$2,251	$4,188	$1,646	$1,913	$3,560	($628)	-15.0%
153/253 PA 30	$3,619	$3,776	$7,395	$3,076	$3,210	$6,286	($1,109)	-15.0%
256 OPA		$25,839	$25,839		$5,900	$5,900	($19,939)	-77.2%
185/285	$1,652	$2,949	$4,601	$1,652	$2,949	$4,601	$0	0.0%
188/288	$1,486	$2,548	$4,035	$2,467	$4,230	$6,698	$2,663	66.0%

PROPERTY TAX RATES (1)

Improvement District	**Current**	**Proposed**
112/212	$0.0750	$0.0750
113/213	$0.0990	$0.0990
125/225	$0.0280	$0.0280
153/253 (2)	$0.0000	$0.0410
185/285 (2)	$0.0000	$0.0535
188/288	$0.2254	$0.0835

(1) Based on $100 of land assessed value.

(2) No current tax rate because debt had not been issued previously in these IDs.

July 6, 2017
Prepared by: Tony Mossbarger
Submitted by: Cheryl Clary
Approved by: Paul Cook

FINANCE AND PERSONNEL COMMITTEE

INFORMATION SERVICES PROFESSIONAL SERVICES
SUPPORT CONTRACT RENEWALS

SUMMARY:

IRWD requires additional resources to supplement existing staff to support and operate the Oracle Financial and Customer Care and Billing (CC&B) systems. In 2016, the Board authorized various outside service providers to assist in providing information technology services through June 2017. The providers include Infosys, who was the CC&B systems integrator, to provide managed support services and Outsource Technical to provide on-call programming, analysis, project management, and networking services. Staff has added an additional outside provider, Skoruz Technologies, experienced in providing on-call programming, analysis and project management services. Staff has identified the need to continue these support services through fiscal year 2018. In addition, staff has identified specific one-time CC&B related projects for completion by Infosys.

Staff recommends the Board authorize the General Manager to execute professional services agreements for the period July 1, 2017 to June 30, 2018 as follows:

- Infosys Ltd for $300,000 for support services and one-time special projects;
- Outsource Technical for $225,000 for on-call programming, analysis, project management, and networking services:
- Skoruz Technologies for $225,000 for on-call programming, analysis, and project management services.

BACKGROUND:

Infosys Utility Billing Support Services:

A utility billing software support services contract was awarded to Infosys in June 2016 for $340,000. The contract provided managed support services for the period of July 2016 to June 2017 and one time projects which staff did not have the existing resources to complete.

Infosys has provided IRWD with managed support services for the Oracle CC&B system since August 2014. They provide highly skilled, experienced, and reliable resources that are very familiar with IRWD's systems, standards, and staff. Infosys has proven that they can provide additional resources to handle urgent projects with tight deadlines, as was done with the rate changes for FY 2015-16.

Staff has identified the need to continue the software support services agreement for the period of July 1, 2017 through June 30, 2018. Under the proposed scope, Infosys will provide support for issues involving a high degree of complexity, while District staff will handle routine and less complex requests. The proposed software support services contract will run from July 1, 2017 through June 30, 2018, and is needed due to internal staffing and resource availability. The proposed support request is $22,916 per month for 12 months totaling $275,000; this proposed contract for services from Infosys is lower than last year's contract.

In addition to the software support services, staff has identified certain additional one-time projects which staff does not have the existing resources to complete. These projects include:

- Implementation of new bill formats for the revised customer bills;
- Modifications in CC&B required to integrate with Maximo Enterprise Asset Management; and
- Modifications in CC&B required for new functions in the GIS Field Mapplet application.

The cost of the additional one-time projects totals $25,000. The scope for the software managed support services is included in Exhibit "A".

Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Infosys Ltd for $300,000.

On-Call Programming and Analysis Services:

Staff currently utilizes on-call programming and analysis resources to provide support to regular positions. There is an ongoing need for programming, analysis, project management, and network assistance related to the District's software systems and networks as a result of several major capital projects the District has recently undertaken, including the Maximo Enterprise Asset Management software implementation project, as well as smaller scale software and networking projects. In addition, consultants with the required skills could be retained to back fill staff vacancies where staff is working on special projects or for leaves of absence. Staff proposes to retain programmers, analysts, project managers, and network consultants who would provide services on an on-call basis.

Outsource Technical On-Call Programming and Analysis Services:

Outsource Technical has provided IRWD with on-call programming and analysis services for the District's Oracle systems since November 2012. They provide highly skilled, experienced, and reliable resources that are very familiar with IRWD's systems, standards, and staff. Outsource Technical has proven that they can provide quality resources to handle urgent projects, as has been done with the Oracle Financial System Software Upgrade and Project Management implementation project. The pricing for on-call programming and analysis services remains the same for this year's proposed contract.

Outsource Technical's proposal with related fee schedule is attached as Exhibit "B".

Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Outsource Technical for $225,000.

Skoruz Technologies On-Call Programming and Analysis Services:

Skoruz Technologies will provide IRWD with on-call programming and analysis services for the District's Oracle systems. They provide highly skilled, experienced, and reliable resources that are very familiar with IRWD's systems, standards, and staff. Skoruz Technologies will provide IRWD with an alternative source to Outsource Technical for quality resources to handle urgent projects.

Skoruz Technologies' proposal with related fee schedule is attached as Exhibit "C".

Staff recommends that the Board authorize the General Manager to execute a Professional Services Agreement with Skoruz Technologies for $225,000.

FISCAL IMPACTS:

These amounts are budgeted in the current fiscal year's budget or in the current expense authorizations of affected projects or will be utilized to offset regular labor until the vacant position is filled. These professional services will be charged to the appropriate projects or expense account.

ENVIRONMENTAL COMPLIANCE:

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

RECOMMENDATION:

That the Board authorize the General Manager to execute Professional Services Agreements for the period July 1, 2017 to June 30, 2018 with Infosys Ltd for $300,000 for managed support services and one-time projects; Outsource Technical for $225,000 for on-call programming, analysis, project management, and networking services; and Skoruz Technologies for $225,000 for on-call programming, analysis, and project management services.

LIST OF EXHIBITS:

Exhibit "A" – Infosys Scope for Managed Support Services and Change Request
Exhibit "B" – Outsource Technical Proposal for On-Call Programing, Analysis, Project Management, and Networking Services
Exhibit "C" – Skoruz Technologies Proposal for On-Call Programing, Analysis, and Project Management Services

Exhibit "A"

ICE: Application Support and Maintenance

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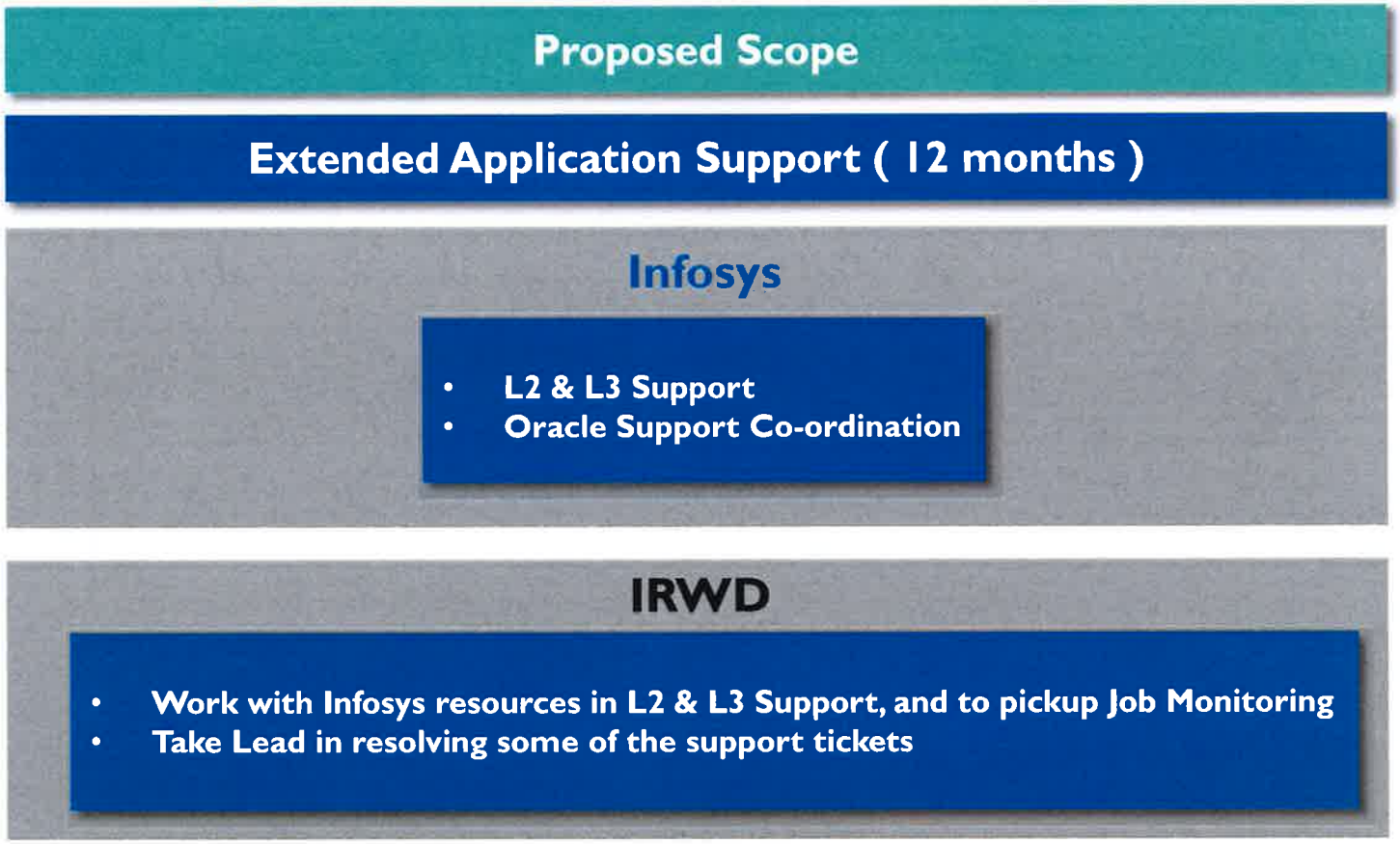
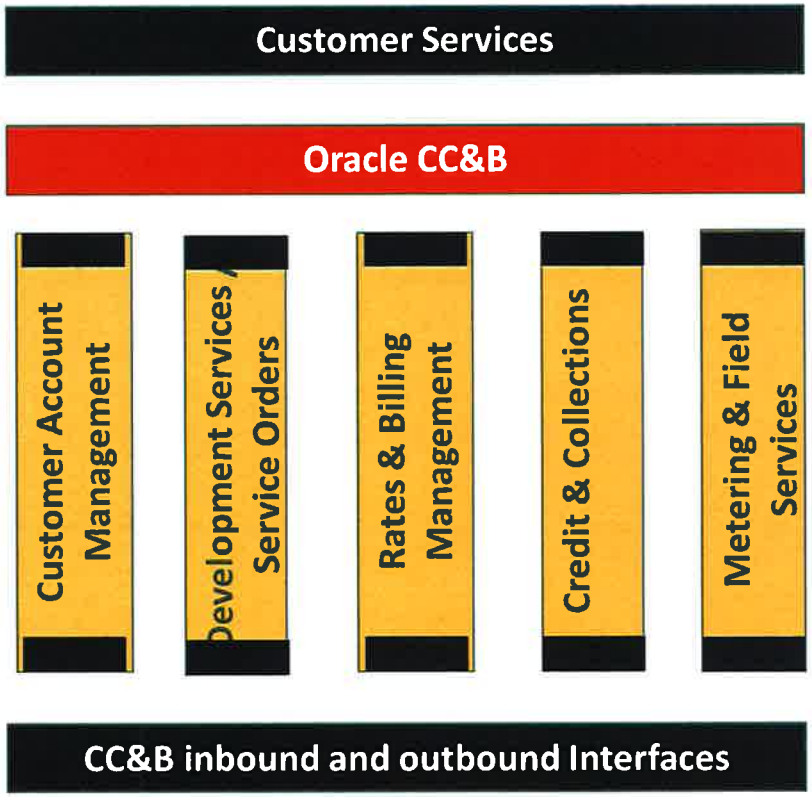
Table of Contents

- ❑ Proposed Support Model
- ❑ In-scope application portfolio
- ❑ In Scope / Out of Scope
- ❑ Solution Assumptions
- ❑ Commercials
- ❑ Timelines and Milestones
- ❑ Application Support & Maintenance Ticket Trend
- ❑ Application Support & Maintenance Open Ticket Trend

Proposed Support Model



In-scope application portfolio



In Scope / Out of Scope

In Scope

Level 2 Support Activities:

- Incident investigation, diagnosis and the delivery of workarounds and resolutions without code changes.
- Escalation/closure of unresolved issues to Level 3 support.
- Providing quick fixes for any data issues.
- Escalation of key product issues with Oracle and manage the lifecycle of the particular Service Request for the same.
- Incident notification (send mail to stakeholders, etc.),
- Incident Follow up, Incident Closure.

Level 3 Support Activities:

- Problem analysis and provide resolution by way of code fixes.
- Root cause analysis for recurring issues for preventive maintenance.
- Configuration changes related to bug fixes.
- Support for application-specific data issues which impacts the database.
- BIP support activities for reporting requirements with minor changes.

Out of Scope

- Level 1 Support Activities:
  - Batch Jobs monitoring and quick fixes for Batch job failures
  - Handling direct calls from customers or Help desk support activities
- Infrastructure support and related testing activities
- Desktop and client connectivity support
- Major Enhancements and Product Upgrades
- Core DBA and App DBA support for CC&B, OBIU and BIP admin activities.
- Accuzip support activities
- Weekend/ On-Call Support (Beeper support)
- Minor Enhancements
- OUBI
- Bills, Letters (like Invoice, Master agreement, Mater Bond, Cross connection letters etc.) and report formatting

Solution Assumptions

- Additional staffing required for sudden surge in number of tickets per month will be mutually agreed and staffed
- IRWD IS team to drive the business interactions to follow-up on the tickets which include incidents and service request for user verification and closure.
- Support will be provided in the normal office hours for onsite and offshore locations
    - Onsite Office hours : 9:00 AM PST/PDT – 5:30 PM PST/PDT
    - Offshore Office hours : 8:30 PM PST/PDT – 5:00 AM PST/PDT
- Any request to provide production support out of the above office hours at onsite will be considered as additional scope as this involves overtime charges.

Service Level Agreement

- ❑ Total fixed price for **12 months of L2/L3 support** is **274,560 USD**
- ❑ Ticket scope and resource loading details are provided below
- ❑ In addition to tickets, 40 hours per month considered for adhoc requests
- ❑ No Enhancements hours
- ❑ Only CC&B Technical Resources are considered for the support. OUBI applications are not considered in the scope.
- ❑ Tickets per month count includes service requests, Incidents, adhoc requests and impact assessment for the change requests before they convert to approved CR's.

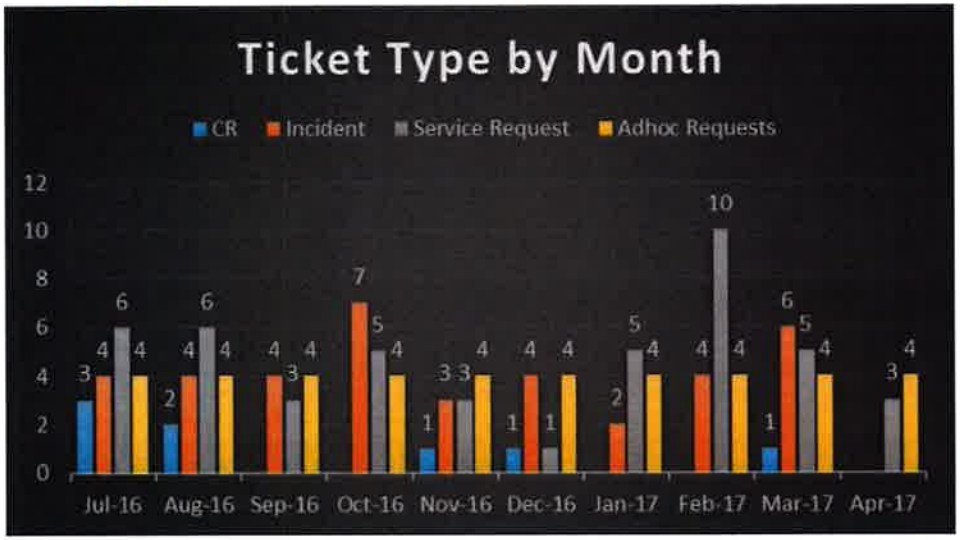
	Jul'17	Aug'17	Sep'17	Oct'17	Nov'17	Dec'17	Jan'18	Feb'18	Mar'18	Apr'18	May'18	June'18
Tickets Per Month	13	13	13	13	13	13	13	13	13	13	13	13
Onsite Resource	1	1	1	1	1	1	1	1	1	1	1	1
Offshore Resource	1	1	1	1	1	1	1	1	1	1	1	1

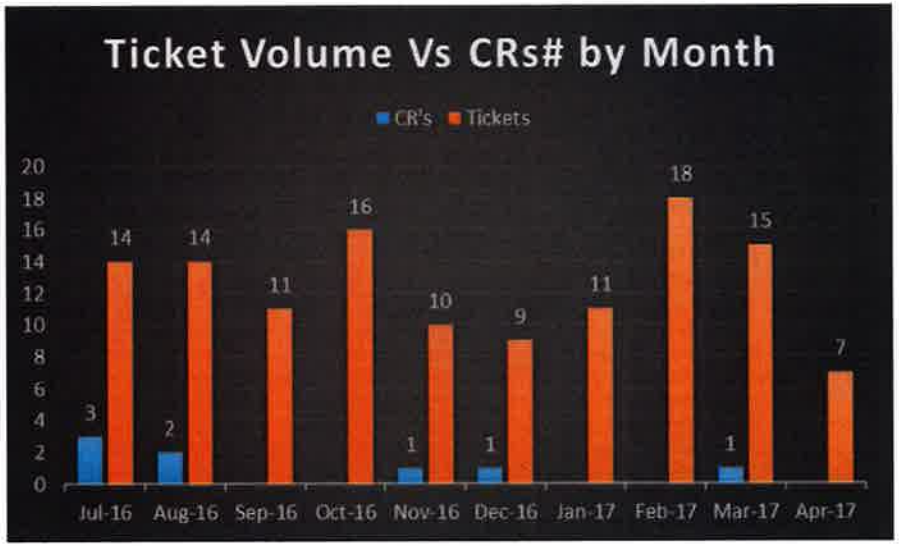
Timelines and Milestones

- This New Support extension is for a period of 12 months starting 01 July, 2017 to 30 June, 2018 and below are the monthly milestones during this support period.

M#	Description	Milestone Date	Services Amount
M1	July Milestone	1-Aug-17	$22,880.00
M2	August Milestone	1-Sep-17	$22,880.00
M3	September Milestone	1-Oct-17	$22,880.00
M4	October Milestone	1-Nov-17	$22,880.00
M5	November Milestone	1-Dec-17	$22,880.00
M6	December Milestone	1-Jan-18	$22,880.00
M7	January Milestone	1-Feb-18	$22,880.00
M8	February Milestone	1-Mar-18	$22,880.00
M9	March Milestone	1-Apr-18	$22,880.00
M10	April Milestone	1-May-18	$22,880.00
M11	May Milestone	1-Jun-18	$22,880.00
M12	June Milestone	28-Jun-18	$22,880.00
		TOTAL	**$274,560.00**

Application Support & Maintenance Ticket Trend

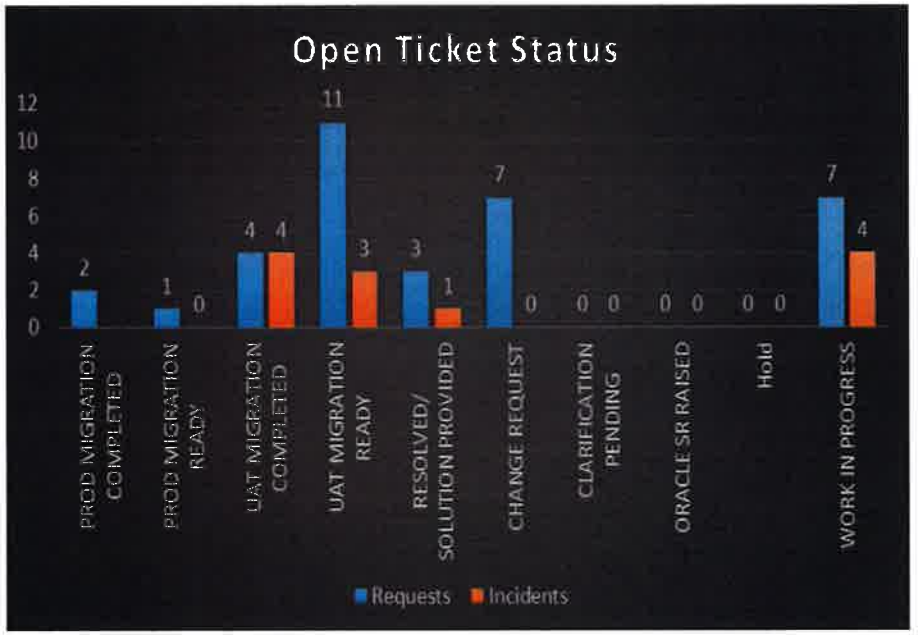




- Based on the inflow of tickets (Incident and Service requests), 13 tickets per month have been considered in scope for the support extension.
- Average time spent by team is considered 23 Hours per ticket.
- In addition, team has also worked on few adhoc requests 4~ per month. An average effort of 40~ Hrs. per month has been considered in scope for such adhoc requests.
- Ticket volumes captured for April is as of WSR reporting week 15th April 2017, more tickets to be added to the list by end of June.

Application Support & Maintenance Open Ticket Trend

Status Type	Status Description	Requests	Incidents
UAT / PROD	PROD MIGRATION COMPLETED	2	
	PROD MIGRATION READY	1	0
	UAT MIGRATION COMPLETED	4	4
	UAT MIGRATION READY	11	3
RESOLVED	RESOLVED/ SOLUTION PROVIDED	3	1
OPEN/ INPROGRESS	CHANGE REQUEST	7	0
	CLARIFICATION PENDING	0	0
	ORACLE SR RAISED	0	0
	Hold	0	0
	WORK IN PROGRESS	7	4
	Totals	35	12
	Grand Total	47	



- Open ticket status is based on the WSR reporting week 15th April 2017
- We would have around 35~ open tickets with following status (In-Progress, Change Control Board, Clarification Pending, Oracle SR Raised), which would be carry forward to the next support Jul'17 to Jun'18. Team would continue to support these tickets for successful production deployment as per business priorities.

Thank You

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OSTechnical

May 3rd, 2017

Irvine Ranch Water District
Attn: Tony Mossbarger, Director of Information Technology
15600 Sand Canyon Avenue
Irvine, CA 92619-7000

Dear Mr. Mossbarger,

Proposal for Information Technology (IT) Professional Services and Consulting

OS Technical (OST) is pleased to submit this proposal to provide Information Technology Professional Services and Consulting in response to your request.

OST is an IT consulting firm providing professional services to both public and private sector clientele. Our emphasis is providing experienced technical consultants on an on-demand basis to support enterprise software projects. OST has been in business for over 19 years and is headquartered in Newport Beach, CA. We have extensive experience providing IT professional services and consultants to numerous clients who continue to do business with us year over year. A few of our clients are Newport Corporation, County of Orange, Irvine Company, PIMCO, Pacific Life and CareMore among many others.

OST has been providing IT professional services and consulting for Irvine Ranch Water District (the District) since February 2013 with an emphasis on Oracle R-12 E-Business Suite. During this time, we have provided subject matter expertise to support enterprise software implementations, customizations and quality assurance. Services include:

- Attending project meetings as requested by the District
- Producing monthly billings in a form acceptable to the District
- Participating in weekly project status phone calls with Mohit Saini, the Project Lead for the District
- Providing IT Professional Services and Consulting as requested by the District

Our staff executing the delivery of IT professional services and consulting will consist of:

Mr. Steven Shwam, Senior Account Executive - Mr. Shwam has been with OST for 9 years. He has provided IT professional services and consultants for enterprise software projects for clientele including CareMore, Molina Healthcare, Pacific Dental Services, Forever 21, and ICU Medical among others. Steven will be the primary point of contact for the District, providing delivery of IT professional services and consulting per the direction of the District.

Ms. Janet Chung, Recruiting Manager - Ms. Chung has been working with OST for 6 years. Janet has over 15 years of experience sourcing and screening technical professionals for deployment on enterprise software projects. Her competencies include Oracle EBS, .Net and Java

OSTechnical

Work will be billed at the following rates:

Hourly Rates

Project Management	$128.00-$144.00
Oracle DBA	$120.00-$135.00
Oracle Analyst	$115.00-$125.00
Oracle Developer	$105.00-$150.00
Software QA	$90.00-$100.00
IT Network & Systems Support	$65.00-$85.00

Our project delivery teams are paid current prevailing wage rates and we have insurance coverage that meets or exceeds the minimum District requirements.

If you have any questions, or I can be of further assistance, please call.

Sincerely,

Steven Shwam
Sr. Account Executive
OS Technical

Enterprise Applications Practice

Skoruz Technologies

Skoruz : Oracle Practice Proposal for IRWD

CONFIDENTIAL

2017

About Skoruz

Skoruz Technologies Inc, is a global IT solutions and services provider and a technology partner with 450+ professionals and 10 delivery centers across 6 countries. We emphasize on enabling our customers to achieve competitive advantage through our flexible global delivery models and frameworks.

Our thought leadership envisions in providing Turn-key solutions by combining far-reach and local presence to deliver optimal value for wide range of businesses.

Oracle Consulting Pricing

Engagement	Skillset/Expertise	Experience in Years	Rate Per Hour	Discounted Rate
Staffing	Technical Consultant	4+	$80	$72
		8+	$90	$81
	Functional Consultant/ Business Analyst	4+	$90	$81
		8+	$120	$108
	Techno-functional Consultant	4+	$90	$81
		8+	$120	$108
	DBA	4+	$90	$81
		8+	$110	$99
	Project Manager	10+	$120	$108
Implementation/ Rollout	Technical Consultant	4+	$75	$68
		8+	$85	$77
	Functional Consultant/ Business Analyst	4+	$85	$77
		8+	$100	$90
	Techno-functional Consultant	4+	$85	$77
		8+	$95	$86
	DBA	4+	$90	$81
		8+	$100	$90
	Project Manager	10+	$110	$99

July 6, 2017
Prepared by: Eileen Lin
Submitted by: Cheryl Clary
Approved by: Paul Cook

FINANCE AND PERSONNEL COMMITTEE

LUMP SUM PAYMENT OPTION FOR EMPLOYER CONTRIBUTIONS FOR FY 2017-18 TO THE CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM

SUMMARY:

Staff recommends that the Board approve a lump sum payment option for employer contributions to the California Public Employees Retirement System (CalPERS) by making a one-time contribution of $3,844,111 for the District's FY 2017-18 employer contributions to CalPERS. This recommendation is consistent with the "pre-funding approach" developed by the Board during the operating budget process and with prior years.

BACKGROUND:

The total minimum required employer contribution is the sum of the CalPERS Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability (UAL) contribution amount (billed monthly in dollars). Beginning in FY 2009-10, the District elected to utilize the lump sum payment option for the total minimum required employer contribution as it benefits from not incurring interest expense at the assumed actuarial interest rate, which is currently 7.50%.

Beginning with Fiscal Year 2017-18, only the UAL portion of the employer contribution can be prepaid and is required to be paid in full no later than July 31, 2017. The Normal Cost contributions estimated to be $2.2 million will be made as part of the payroll reporting process. CalPERS indicates that IRWD's UAL lump sum payment will be $3,844,111 as provided in Exhibit "A". The total cost for choosing the monthly payments option is approximately $3,985,659, so the lump sum payment option save IRWD approximately $141,548.

The approved operating budget for FY 2017-18 includes an additional contribution of $1,871,600 in excess of its annual required CalPERS contribution to the Irvine Ranch Water District Post-Employment Benefits Trust ("115 Trust") which will further reduce its pension liability. Staff will continue to evaluate the potential for future additional contributions.

FISCAL IMPACTS:

The District's approved operating budget for FY 2017-18 includes an employer contribution of $6.3 million for the CalPERS requirement and a contribution of $1,871,600 to the 115 Trust. The payments are consistent with the impacts identified in setting rates for FY 2017-18.

ENVIRONMENTAL COMPLIANCE:

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

RECOMMENDATION:

That the Board approve the lump sum payment for employer contributions to the California Public Employees Retirement System (CalPERS) by making a one-time contribution of $3,844,111 for the District's FY 2017-18 employer contribution.

LIST OF EXHIBITS:

Exhibit "A" – Letter from CalPERS regarding Lump Sum Prepayment Amount

Required Contributions

Required Employer Contribution		Fiscal Year 2017-18
Employer Normal Cost Rate		**7.081%**
Plus Either		
1) Monthly Employer Dollar UAL Payment	**$**	**332,138**
Or		
2) Annual UAL Prepayment Option	**$**	**3,844,111**
Required PEPRA Member Contribution Rate		**5.25%**

*The total minimum required employer contribution is the **sum** of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) **plus** the Employer Unfunded Accrued Liability (UAL) Contribution Amount (billed monthly in dollars). Only the UAL portion of the employer contribution can be prepaid (which must be received in full no later than July 31). Plan Normal Cost contributions will be made as part of the payroll reporting process. If there is contractual cost sharing or other change, this amount will change. §20572 of the Public Employees' Retirement Law assesses interest at an annual rate of 10 percent if a contracting agency fails to remit the required contributions when due. For additional detail regarding the determination of the required contribution for PEPRA members, see Appendix D. Required member contributions for Classic members can be found in Appendix B.*

		Fiscal Year 2016-17		Fiscal Year 2017-18
Normal Cost Contribution as a Percentage of Payroll				
Total Normal Cost		15.018%		14.612%
Employee Contribution[1]		7.778%		7.531%
Employer Normal Cost		7.240%		7.081%
Projected Annual Payroll for Contribution Year	$	29,276,537	$	30,555,626
Estimated Employer Contributions Based On Projected Payroll				
Total Normal Cost	$	4,396,751	$	4,464,788
Employee Contribution[1]		2,277,129		2,301,144
Employer Normal Cost		2,119,622		2,163,644
Unfunded Liability Contribution		3,531,193		3,985,659
Estimated Total Employer Contribution[2]	$	5,650,815	$	6,149,303

[1] For classic members, this is the percentage specified in the Public Employees Retirement Law, net of any reduction from the use of a modified formula or other factors. For PEPRA members, the member contribution rate is based on 50 percent of the normal cost. A development of PEPRA member contribution rates can be found in Appendix D. Employee cost sharing is not shown in this report.

[2] As a percentage of projected payroll the UAL contribution for Fiscal Year 2017-18 is 13.044 percent for an estimated total employer contribution rate of 20.125 percent. As determined in the June 30, 2014 valuation, the Fiscal Year 2016-17 UAL contribution is 12.062 percent for a total employer contribution rate of 19.302 percent.

July 6, 2017
Prepared by: J. Davis/T. Fournier
Submitted by: R. Jacobson/C. Clary
Approved by: Paul Cook

FINANCE AND PERSONNEL COMMITTEE

MONTHLY INVESTMENT AND DEBT REVIEW

SUMMARY:

The following items are submitted for the Committee's review and consideration:

- The Investment Portfolio Summary Report as of June 28, 2017, as outlined in Exhibit "A"
- The U.S. Treasury Yield Curve as of June 28, 2017, as outlined in Exhibit "B"
- The Summary of Fixed and Variable Debt as of June 28, 2017, as outlined in Exhibit "C"
- The Summary of Variable Rate Debt Rates as of June 28, 2017, as outlined in Exhibit "D"

BACKGROUND:

Investment Portfolio:

Due to the timing of the Committee meeting, the rate of return for June 2017 is not complete at this time. Preliminary calculations indicate a rate of return for the fixed income investment portfolio of 1.04%, which is a 0.02% increase from May's rate of 1.02%. Including real estate investments, the weighted average rate of return for the District's investment portfolio for June 2017 is estimated to be 3.12%, which is a 0.01% decrease from May's rate of 3.13%.

Debt Portfolio:

As of June 28, 2017, the District's weighted average all-in variable rate was 1.07%, which was a 0.03% increase from May's rate of 1.04%. Including the District's weighted average fixed rate bond issues of 3.70% and the previous month's negative cash accruals from fixed payer interest rate swaps, which hedge a portion of the District's variable rate debt, the total average debt rate was 3.51%, which was a 0.07% increase from May's rate of 3.44%. The increase was due to the change in the negative cash accrual from $519,551 to $554,509 for the District's fixed payer swaps and an increase in variable debt rates.

Interest Rate Swaps:

Due to the timing of the Committee meeting, the swap report is not complete at this time. Staff will provide an update at the meeting. As of June 28, 2017, the District had posted $2,438,835 of collateral with Citigroup, which is an increase of $541,322 from May's posted amount. No collateral is posted with Merrill Lynch. The collateral earns the Fed Funds Effective Rate, which is currently 1.16%.

FISCAL IMPACTS:

Fiscal impacts are included in the above narrative and in the attached exhibits.

ENVIRONMENTAL COMPLIANCE:

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

RECOMMENDATION:

Receive and file.

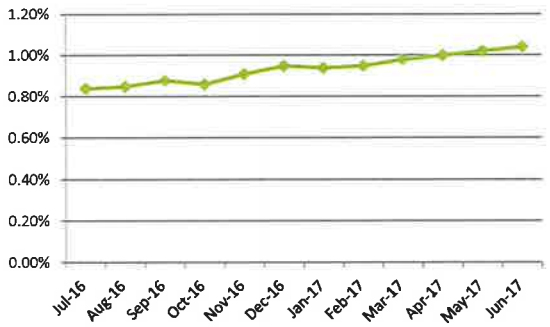
LIST OF EXHIBITS:

Exhibit "A" – Investment Portfolio Summary as of June 28, 2017
Exhibit "B" – Yield Curve as of June 28, 2017
Exhibit "C" – Summary of Fixed and Variable Debt as of June 28, 2017
Exhibit "D" – Summary of Variable Rate Debt Rates as of June 28, 2017

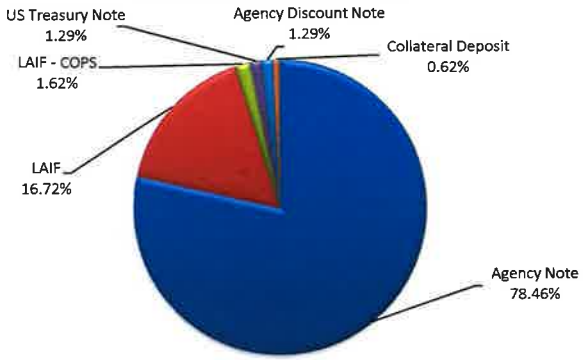
Exhibit "A"

Irvine Ranch Water District
Investment Portfolio Summary
June 2017

Monthly Fixed Income Yield



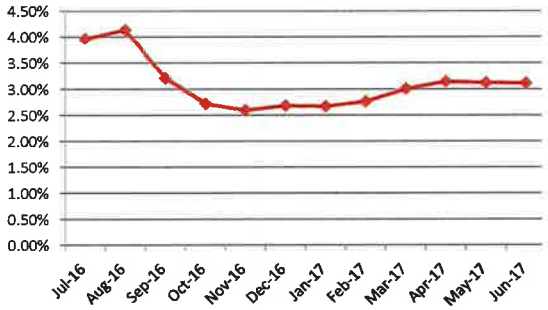
Portfolio Distribution



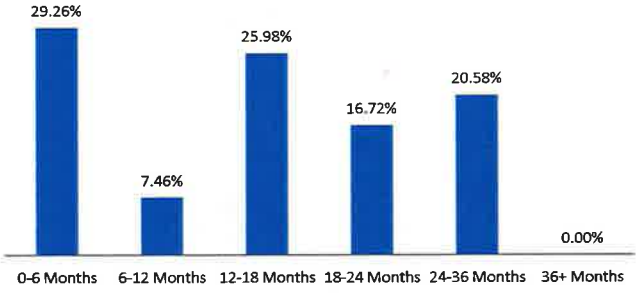
Investment Summary

Type	PAR	Book Value	Market Value
Agency Note	305,000,000	305,241,393	304,030,380
LAIF	65,000,000	65,000,000	64,946,437
LAIF - COPS	6,300,000	6,300,000	6,294,808
US Treasury Note	5,000,000	5,018,769	5,016,000
Agency Discount Note	5,000,000	4,999,458	4,995,400
Collateral Deposit	2,438,835	2,438,835	2,438,835
Grand Total	388,738,835	388,998,456	387,721,860

Weighted Average Return Including Real Estate Portfolio



Maturity Distribution



Top Issuers

Issuer	PAR	% Portfolio
Fed Home Loan Bank	121,000,000	31.13%
Fed Home Loan Mortgage Corp	84,000,000	21.61%
State of California Treasury - LAIF	71,300,000	18.34%
Fed Farm Credit Bank	55,000,000	14.15%
Fed Natl Mortgage Assoc	50,000,000	12.86%
US Treasury Note	5,000,000	1.29%
Citi-Group Collateral	2,438,835	0.62%
Merrill Lynch Collateral	0	0.00%
Grand Total	388,738,835	100.00%

IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

06/28/17

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE[1] 6/28/2017	UNREALIZED[2] GAIN/(LOSS)
03/06/17			06/29/17		LAIF	State of California Tsy.	$65,000,000		0.980%	$65,000,000.00	$65,000,000.00	64,946,436.82	(53,563.19)
03/06/17			06/29/17		LAIF - COPS	State of California Tsy.	6,300,000		0.980%	$6,300,000.00	$6,300,000.00	6,294,808.49	(5,191.51)
06/16/16	N/A	N/A	06/30/17	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.800%	0.614%	5,009,614.00	5,000,000.00	4,999,600.00	(400.00)
12/09/16	N/A	N/A	07/07/17	NR	FHLB - Discount Not	Fed Home Loan Bank	5,000,000	0.647%	0.658%	4,981,041.65	4,999,458.33	4,995,400.00	(4,058.33)
11/05/15	N/A	N/A	08/28/17	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	0.750%	0.800%	4,995,500.00	4,999,605.74	4,996,800.00	(2,805.74)
09/16/15	N/A	N/A	09/15/17	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.900%	0.915%	4,998,500.00	4,999,843.84	4,999,700.00	(143.84)
01/30/17	N/A	N/A	10/31/17	NR	US Treasury - Note	US Treasury	5,000,000	1.875%	0.743%	5,042,154.40	5,018,769.48	5,016,000.00	(2,769.48)
12/08/16	N/A	N/A	11/21/17	AAA/NR/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	0.750%	0.866%	9,989,000.00	9,995,479.89	9,984,600.00	(10,879.89)
12/18/15	Continuous after	12/13/13	12/12/17	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.820%	1.132%	4,969,500.00	4,993,100.69	4,993,600.00	499.31
04/22/16	N/A	N/A	01/29/18	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	4,000,000	0.850%	0.856%	3,999,600.00	3,999,868.93	3,991,760.00	(8,108.93)
03/01/16	Quarterly	05/26/16	02/26/18	NR/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.050%	1.050%	5,000,000.00	5,000,000.00	4,995,250.00	(4,750.00)
03/23/16	N/A	N/A	03/23/18	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.100%	0.908%	5,019,000.00	5,006,897.26	4,989,750.00	(17,147.26)
04/07/16	N/A	N/A	04/09/18	NA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.750%	0.790%	4,996,000.00	4,998,459.02	4,981,450.00	(17,009.02)
05/16/16	N/A	N/A	05/16/18	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.750%	0.801%	4,995,000.00	4,997,815.07	4,982,050.00	(15,765.07)
05/13/16	N/A	N/A	05/21/18	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.875%	0.768%	5,010,700.00	5,004,697.56	4,982,400.00	(22,297.56)
05/24/16	N/A	N/A	06/08/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	11,000,000	1.250%	0.995%	11,056,540.00	11,025,955.28	11,001,870.00	(24,085.28)
06/29/16	One Time	12/29/16	06/29/18	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	10,000,000	1.000%	0.679%	10,016,000.00	10,007,956.16	9,974,900.00	(33,056.16)
09/01/16	One Time	07/27/17	07/27/18	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	0.750%	0.928%	4,983,250.00	4,990,563.04	4,971,650.00	(18,913.04)
12/21/16	One Time	08/15/17	08/15/18	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.000%	1.245%	4,980,000.00	4,986,378.74	4,985,400.00	(978.74)
09/01/16	One Time	02/28/17	08/28/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.000%	1.000%	5,000,000.00	5,000,000.00	4,981,850.00	(18,150.00)
09/01/16	NA	NA	09/14/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.125%	0.916%	5,021,000.00	5,012,436.07	4,987,100.00	(25,336.07)
12/28/16	NA	NA	09/14/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.125%	1.225%	4,991,500.00	4,994,016.00	4,987,100.00	(6,916.00)
10/12/16	N/A	N/A	09/27/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	0.900%	0.952%	9,990,000.00	9,993,384.62	9,964,300.00	(29,084.62)
10/12/16	N/A	N/A	09/28/18	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	0.880%	0.942%	4,994,000.00	4,996,027.93	4,980,050.00	(15,977.93)
09/01/16	NA	NA	10/01/18	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.030%	0.925%	5,010,750.00	5,006,464.14	4,988,600.00	(17,864.14)
10/12/16	One Time	04/12/17	10/12/18	Aaa/NR/NR	FFCB - Note	Fed Farm Credit Bank	10,000,000	1.000%	1.041%	9,992,000.00	9,994,652.05	9,947,400.00	(47,252.05)
10/12/16	N/A	N/A	11/27/18	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	10,000,000	1.625%	0.956%	10,140,360.00	10,096,587.94	10,049,700.00	(46,887.94)
12/21/16	N/A	N/A	12/05/18	Aaa/AA+/AAA	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.100%	1.319%	4,978,900.00	5,058,129.86	4,987,850.00	(70,279.86)
09/01/16	NA	NA	12/14/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.750%	0.941%	5,091,300.00	5,030,761.12	5,034,400.00	3,638.88
12/27/16	NA	NA	12/14/18	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.750%	1.320%	5,041,536.20	4,984,573.95	5,034,400.00	49,826.05
09/01/16	One Time	07/30/18	01/30/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.950%	1.009%	4,993,000.00	4,995,407.49	4,967,150.00	(28,257.49)
10/26/16	One Time	07/30/18	01/30/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.950%	1.035%	4,990,500.00	4,993,283.29	4,967,150.00	(26,133.29)
10/26/16	One Time	07/30/18	01/30/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.950%	1.040%	4,990,000.00	4,992,929.78	4,967,150.00	(25,779.78)
10/12/16	Continuous after	02/12/18	02/12/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	1.050%	1.093%	9,990,000.00	9,992,837.05	9,956,300.00	(36,537.05)
09/01/16	NA	NA	03/08/19	Aaa/AA+/AAA	FHLB - Note	Fed Home Loan Bank	5,000,000	1.500%	0.964%	5,066,500.00	5,044,550.65	5,013,950.00	(30,600.65)
10/12/16	One Time	03/29/17	03/29/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.050%	1.050%	4,999,950.00	4,999,963.47	4,968,950.00	(31,013.47)
10/12/16	N/A	N/A	04/15/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	10,000,000	1.125%	0.992%	10,032,800.00	10,024,125.03	9,964,400.00	(59,725.03)
10/31/16	One Time	04/26/17	04/26/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.050%	1.060%	4,998,750.00	4,999,083.52	4,970,300.00	(28,783.52)
09/01/16	One Time	08/28/17	05/28/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.030%	1.048%	4,997,550.00	4,998,293.09	4,952,150.00	(46,143.09)

IRVINE RANCH WATER DISTRICT
INVESTMENT SUMMARY REPORT

06/28/17

SETTLMT	Call Schedule	Initial Call	Maturity Date	Rating	INVESTMENT TYPE	INSTITUTION / ISSUER	PAR Amount	COUPON DISCOUNT	YIELD	ORIGINAL COST	CARRY VALUE	MARKET VALUE[1] 6/28/2017	UNREALIZED[2] GAIN/(LOSS)
09/01/16	NA	NA	06/14/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.625%	0.987%	5,087,400.00	5,061,334.84	5,022,300.00	(39,034.84)
10/12/16	NA	NA	06/14/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.625%	1.103%	5,068,515.88	5,051,509.89	5,022,300.00	(29,209.89)
10/12/16	NA	NA	07/19/19	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	0.875%	1.098%	4,969,652.90	4,976,924.19	4,948,650.00	(28,274.19)
09/01/16	One Time	01/26/17	07/26/19	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.150%	1.180%	4,995,700.00	4,996,931.47	4,962,750.00	(34,181.47)
09/01/16	One Time	08/28/17	08/28/19	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.150%	1.160%	4,998,500.00	4,998,916.59	4,933,350.00	(65,566.59)
09/01/16	One Time	02/28/17	08/28/19	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.125%	1.132%	4,999,000.00	4,999,277.73	4,966,050.00	(33,227.73)
09/28/16	Quarterly	03/09/17	09/09/19	Aaa/AA+/AAA	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.125%	1.142%	4,997,500.00	4,998,139.48	4,930,550.00	(67,589.48)
09/28/16	Continuous after	12/27/16	09/27/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.250%	1.189%	5,001,500.00	5,001,121.57	4,957,750.00	(43,371.57)
10/12/16	Continuous after	10/03/17	10/03/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	10,000,000	1.125%	1.160%	9,989,780.00	9,992,057.38	9,919,900.00	(72,157.38)
10/12/16	Continuous after	10/11/17	10/11/19	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	10,000,000	1.120%	1.205%	9,975,000.00	9,980,530.16	9,903,500.00	(77,030.16)
11/08/16	Quarterly	05/08/17	11/08/19	Aaa/AA+/NR	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.250%	1.245%	5,000,750.00	5,000,589.04	4,966,050.00	(34,539.04)
11/28/16	NA	NA	11/15/19	Aaa/AA+/NR	FHLB - Note	Fed Home Loan Bank	5,000,000	1.375%	1.440%	4,990,550.00	4,992,427.77	4,993,400.00	972.23
11/28/16	Quarterly	05/25/17	11/25/19	Aaa/AA+/NR	FNMA - Note	Fed Natl Mortgage Assoc	5,000,000	1.400%	1.503%	4,985,000.00	4,987,953.30	4,986,650.00	(1,303.30)
12/12/16	NA	NA	12/12/19	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.450%	1.440%	5,001,450.00	5,001,183.59	4,998,950.00	(2,233.59)
12/21/16	NA	NA	12/19/19	Aaa/AA+/NR	FFCB - Note	Fed Farm Credit Bank	5,000,000	1.500%	1.621%	4,982,350.00	4,985,450.46	5,008,050.00	22,599.54
05/12/17	One Time	10/27/17	04/27/20	Aaa/AA+/AAA	FHLMC - Note	Fed Home Loan Mortgage Corp	5,000,000	1.750%	1.729%	5,003,000.00	5,002,917.51	5,009,150.00	6,232.49
SUB-TOTAL							$386,300,000			$386,697,445.03	$386,559,621.05	$385,283,025.31	($1,276,595.75)
RESTRICTED CASH (Swap Collateral Deposits)[4]													
04/01/17					Collateral Deposit	Citi-Group	$2,438,835		1.160%	$2,438,834.53	$2,438,834.53	2,438,834.53	
					Collateral Deposit	Merrill Lynch	-						
SUB-TOTAL							$2,438,835			$2,438,834.53	$2,438,834.53	$2,438,834.53	
TOTAL INVESTMENTS							$388,738,835			$389,136,279.56	$388,998,455.58	$387,721,859.84	
					Petty Cash					3,400.00			
				May	Ck Balance	Bank of America				1,978,154.62			
										$391,117,834.18			

[1] LAIF market value is as of the most recent quarter-end as reported by LAIF.
Security market values are determined using Bank of New York ("Trading Prices"), Bloomberg and/or broker dealer pricing.

[2] Gain (loss) calculated against carry value using the trading value provided by Bank of New York/or Brokers

[3] Real estate rate of return is based on most recent quarter end return

[4] Swap Collateral Deposits assumes 6 month maturity, dependent on interest rate changes

This Investment Summary Report is in conformity with the 2017 Investment Policy and provides sufficient liquidity to meet the next six months estimated expenditures.
*S - Step up

Outstanding Variable Rate Debt	$303,300,000
Net Outstanding Variable Rate Debt (Less $130 million fixed-payer swaps)	$173,300,000
Investment Balance:	$391,117,834
Investment to Variable Rate Debt Ratio:	226%
Portfolio - Average Number of Days To Maturity[4]	429

	Investment Portfolio	Real Estate[3] Portfolio	Weighted Avg. Return
June	1.04%	14.25%	3.12%
May	1.02%	14.25%	3.13%
Change	0.02%		-0.01%

IRVINE RANCH WATER DISTRICT
SUMMARY OF MATURITIES

06/28/17

DATE	TOTAL	%	LAIF	Agency Notes	Agency Discount Notes	Collateral Deposit	US Treasury
06/17	$76,300,000	19.63%	$71,300,000	5,000,000			
07/17	5,000,000	1.29%			5,000,000		
08/17	5,000,000	1.29%		5,000,000			
09/17	5,000,000	1.29%		5,000,000			
10/17	5,000,000	1.29%					5,000,000
11/17	12,438,835	3.20%		10,000,000		2,438,835	
12/17	5,000,000	1.29%		5,000,000			
01/18	4,000,000	1.03%		4,000,000			
02/18	5,000,000	1.29%		5,000,000			
03/18	5,000,000	1.29%		5,000,000			
04/18	5,000,000	1.29%		5,000,000			
05/18	10,000,000	2.57%		10,000,000			
SUB-TOTAL	$142,738,835	36.72%	$71,300,000	$59,000,000	$5,000,000	$2,438,835	$5,000,000
13 Months - 3 YEARS							
6/01/18 - 7/31/18	26,000,000	6.69%		26,000,000			
8/01/18 - 10/31/2018	50,000,000	12.86%		50,000,000			
11/01/18 - 1/31/2019	25,000,000	6.43%		25,000,000			
2/01/19 - 4/30/2019	50,000,000	12.86%		50,000,000			
4/01/2019 - 7/31/19	25,000,000	6.43%		25,000,000			
8/01/19 - 10/31/2019	40,000,000	10.29%		40,000,000			
11/01/2019 - 1/31/2020	25,000,000	6.43%		25,000,000			
02/01/2020 - 04/30/2020	5,000,000	1.29%		5,000,000			
	-						
	-						
TOTALS	$388,738,835	100.00%	$71,300,000	$305,000,000	$5,000,000	$2,438,835	$5,000,000
% OF PORTFOLIO			18.34%	78.46%	1.29%	0.62%	1.29%

Irvine Ranch Water District
Summary of Real Estate
3/31/2017

	ACQUISITION DATE	PROPERTY TYPE	OWNERSHIP INTEREST	ORIGINAL COST	ESTIMATED MARKET VALUE 6/30/2016	RATE OF RETURN QUARTER ENDED 3/31/2017
Sycamore Canyon	Dec-92	Apartments	Fee Simple	$ 43,550,810	$ 143,910,000	19.02%
Wood Canyon Villas	Jun-91	Apartments	Limited Partner	$ 6,000,000	$ 27,296,298	8.57%
ITC (230 Commerce)	Jul-03	Office Building	Fee Simple	$ 5,739,845	$ 9,384,000	6.68%
Waterworks Business Pk.	Nov-08	Research & Dev.	Fee Simple	$ 8,630,577	$ 7,650,000	4.85%
Sand Canyon Professional Center	Jul-12	Medical Office	Fee Simple	$ 8,648,594	$ 10,608,000	8.58%
				$ 72,569,826	$ 198,848,298	14.25%

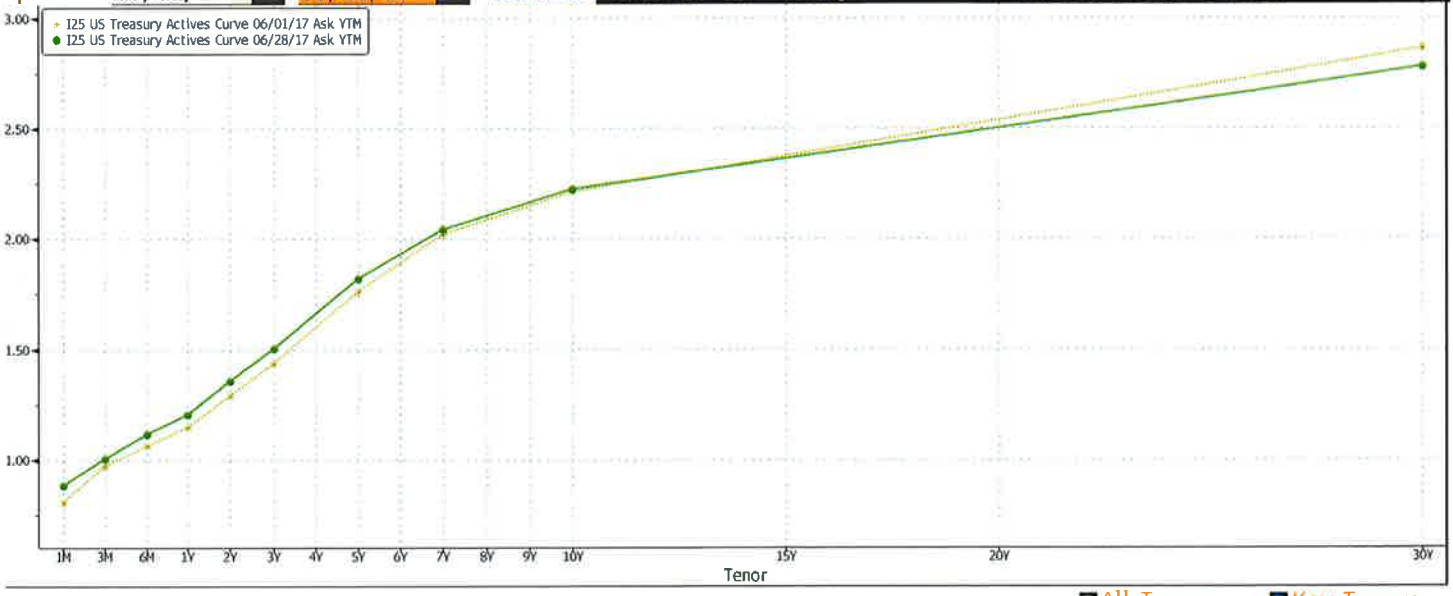
Exhibit "B"

Running as C15. Run GC for more features.

US Treasury Actives Curve | Actions | 98) Table | Settings | Graph Curves

X-Axis Tenor | Y-Axis Ask YTM | Currency None | PCS | Lower Chart History Table

Specific 06/01/17 | 06/28/17 | Relative | Last 1D 1W Modify « Curves & Relative Value



All Tenors | Key Tenors

Curve Id	3M	1Y	2Y	3Y	5Y	10Y	30Y
11) I25 06/28/17	1.001	1.202	1.353	1.503	1.819	2.223	2.777
12) I25 06/01/17	0.971	1.145	1.290	1.438	1.761	2.211	2.863
13) I25 (06/28/17-06	3.1	5.7	6.3	6.5	5.7	1.1	-8.6

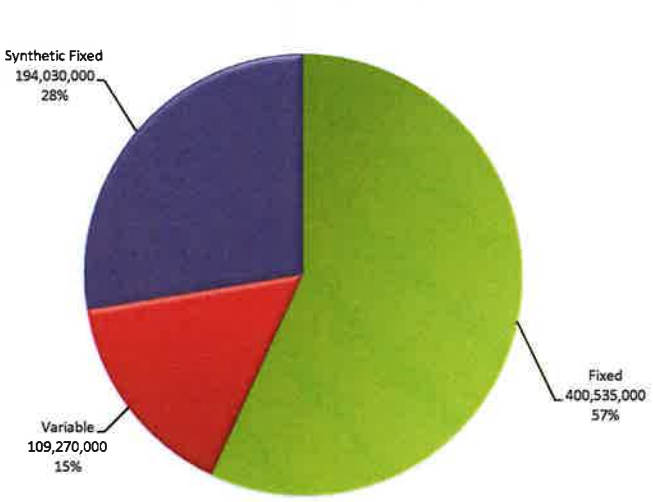
SN 736334 PDT GMT-7:00 H139-1960-0 28-Jun-2017 11:03:02

Australia 61 2 9777 8600 Brazil 5511 2395 9000 Europe 44 20 7330 7500 Germany 49 69 9204 1210 Hong Kong 852 2977 6000
Japan 81 3 3201 8900 Singapore 65 6212 1000 U.S. 1 212 318 2000 Copyright 2017 Bloomberg Finance L.P.

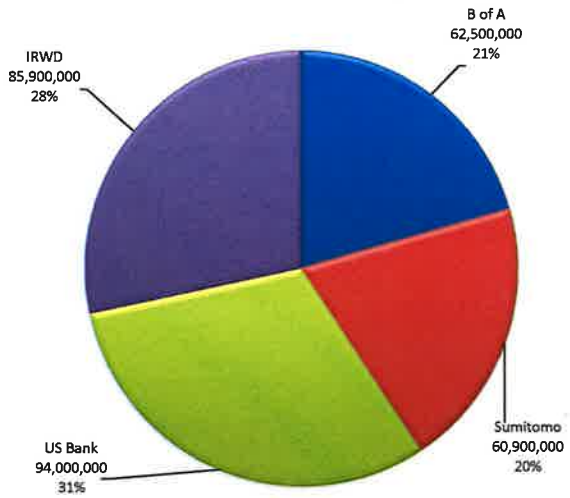
Exhibit "C"

Irvine Ranch Water District
Summary of Fixed and Variable Rate Debt
June 2017

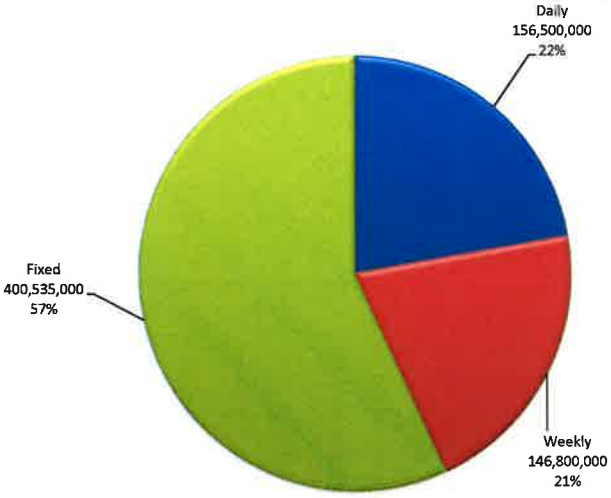
Current Debt Mix By Type



Letters of Credit / Support



Current Debt Rate Reset



Outstanding Par by Series

Series	Issue Date	Maturity Date	Remaining Principal	Percent	Letter of Credit	Rmkt Agent	Mode	Reset
Series 1993	05/19/93	04/01/33	$31,500,000	4.48%	US Bank	BAML	Variable	Daily
Series 1995	12/13/95	01/01/21	$9,900,000	1.41%	Sumitomo	CG	Variable	Weekly
Series 2008-A Refunding	04/24/08	07/01/35	$51,000,000	7.25%	Sumitomo	BAML	Variable	Weekly
Series 2011-A-1 Refunding	04/15/11	10/01/37	$51,540,000	7.32%	IRWD	Goldman	Variable	Weekly
Series 2011-A-2 Refunding	04/15/11	10/01/37	$34,360,000	4.88%	IRWD	Morgan	Variable	Weekly
Series 2009 - A	06/04/09	10/01/41	$62,500,000	8.88%	US Bank	US Bank	Variable	Daily
Series 2009 - B	06/04/09	10/01/41	$62,500,000	8.88%	B of A	Goldman	Variable	Daily
2010 Refunding Cops	02/23/10	03/01/20	$5,390,000	0.77%	N/A	N/A	Fixed	Fixed
2016 COPS	09/01/16	03/01/46	$116,745,000	16.59%	N/A	N/A	Fixed	Fixed
2010 Build America Taxable Bond	12/16/10	05/01/40	$175,000,000	24.86%	N/A	N/A	Fixed	Fixed
Series 2016	10/12/16	02/01/46	$103,400,000	14.69%	N/A	N/A	Fixed	Fixed
Total			$703,835,000	100.00%				

IRVINE RANCH WATER DISTRICT

SUMMARY OF FIXED & VARIABLE RATE DEBT

June-17

ITN

Daily

Weekly

VARIABLE RATE ISSUES	Issue Date	Maturity Date	Principal Payment Date	Payment Date	Original Par Amount	Remaining Principal	Letter of Credit	Reimbursment Agreement Date	L/C Exp. Date	MOODYS	S&P	FITCH	LOC Stated Amount	LOC Fee	Annual LOC Cost	Rmkt Agent	Reset	Rmkt Fees	Annual Cost	Trustee
	GENERAL BOND INFORMATION						LETTER OF CREDIT INFORMATION									TRUSTEE INFORMATION				
SERIES 1993	05/19/93	04/01/33	APR 1 (2014)	5th Bus. Day	$38,300,000	$31,500,000	US BANK	05/07/15	11/07/18	Aa3/VMIG1	AA-/A-1+	N/R	$31,924,603	0.3300%	$105,351	BAML	DAILY	0.10%	$31,500	BANK OF NY
SERIES 1995	12/13/95	01/01/21	JAN 1	1st Bus. Day	$40,000,000	$9,900,000	SUMITOMO	04/01/11	07/14/17	Aa2/VMIG 1	AA-/A-1+	N/R	$10,046,466	0.3800%	$38,177	CG	WED	0.08%	$7,425	BANK OF NY
SERIES 2008-A Refunding	04/24/08	07/01/35	JUL 1	5th Bus. Day	$60,215,000	$51,000,000	SUMITOMO	04/01/11	07/21/21	A1/P-1	A/A-1	A/F1	$51,754,521	0.3150%	$163,027	BAML	WED	0.07%	$35,700	BANK OF NY
SERIES 2011-A-1 Refunding	04/15/11	10/01/37	Oct 1	1st Bus. Day	$60,545,000	$51,540,000	N/A	N/A	N/A	Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Goldman	WED	0.13%	$64,425	BANK OF NY
SERIES 2011-A-2 Refunding	04/15/11	10/01/37	Oct 1	1st Bus. Day	$40,370,000	$34,360,000	N/A	N/A	N/A	Aa1/VMIG1	A-1+	AAA/F1+	N/A	N/A	N/A	Morgan S.	WED	0.13%	$42,950	BANK OF NY
SERIES 2009 - A	06/04/09	10/01/41	Oct 1	1st Bus. Day	$75,000,000	$62,500,000	US BANK	04/01/11	12/22/20	Aa2/VMIG 1	AA-/A-1+	AA/F1+	$63,198,630	0.4100%	$259,114	US Bank	DAILY	0.07%	$43,750	US BANK
SERIES 2009 - B	06/04/09	10/01/41	Oct 1	1st Bus. Day	$75,000,000	$62,500,000	B of A	04/01/11	07/15/19	A1/VMIG 1	A/A-1	A1/F1+	$63,198,630	0.4000%	$252,795	Goldman	DAILY	0.10%	$62,500	US BANK
					$389,430,000	**$303,300,000**	**SUB-TOTAL VARIABLE RATE DEBT**						**$220,122,849**	**0.3719%** (Wt. Avg)	**$818,463**			**0.10%** (Wt. Avg)	**$288,250**	
FIXED RATE ISSUES																				
2010 REFUNDING COPS	02/23/10	03/01/20	Mar -1	MAR/SEPT	$85,145,000	$5,390,000	N/A	N/A	N/A	Aa1	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BANK OF NY
2010 GO Build America Taxable Bonds	12/16/10	05/01/40	MAY (2025)	MAY/NOV	$175,000,000	$175,000,000	N/A	N/A	N/A	Aa1	AAA	NR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK
2016 COPS	09/01/16	03/01/46	Mar - 1	MAR/SEPT	$116,745,000	$116,745,000	N/A	N/A	N/A	NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	US BANK
SERIES 2016	10/12/16	02/01/46	Feb - 1	FEB/AUG	$103,400,000	$103,400,000	N/A	N/A	N/A	NR	AAA	AAA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BANK OF NY
					$480,290,000	**$400,535,000**	**SUB-TOTAL FIXED RATE DEBT**													
					$869,720,000	**$703,835,000**	**TOTAL- FIXED & VARIABLE RATE DEBT**													

Remarketing Agents		
CG	9,900,000	3%
Goldman	114,040,000	38%
Morgan Stanley	34,360,000	11%
BAML	82,500,000	27%
US Bank	62,500,000	21%
	303,300,000	

GO VS COP's		
GO:	581,700,000	83%
COPS:	122,135,000	17%
Total	703,835,000	

LOC Banks	
SUMITOMO	60,900,000
BANK OF AMERICA	62,500,000
US BANK	94,000,000
	217,400,000

Breakdown Between Variable & Fixed Rate Mode		
Daily Issues	156,500,000	22%
Weekly Issues	60,900,000	9%
ITN Issues	85,900,000	12%
Sub-Total	303,300,000	
Fixed Rate Issues	$400,535,000	57%
Sub-Total - Fixed	400,535,000	
TOTAL DEBT FIXED & VAR.	703,835,000	100%

Exhibit "D"

IRVINE RANCH WATER DISTRICT
SUMMARY OF DEBT RATES
Jun-17

Rmkt Agent	GOLDMAN	GOLDMAN	MORGAN STANLEY	MERRILL LYNCH		CITIGROUP	US BANK
	DAILY	WEEKLY	WEEKLY	DAILY	WEEKLY	WEEKLY	DAILY
Bond Issue	2009 - B	2011 A-1	2011 A-2	1993	2008-A	1995	2009-A
Par Amount	62,500,000	51,540,000	34,360,000	31,500,000	51,000,000	9,900,000	62,500,000
Bank	BOFA	(SIFMA+7)	(SIFMA+7)	US BANK	Sumitomo	Sumitomo	US BANK
Reset		Wednesday	Wednesday		Wednesday	Wednesday	
6/1/2017	0.53%	0.83%	0.83%	0.55%	0.69%	0.75%	0.55%
6/2/2017	0.50%	0.83%	0.83%	0.55%	0.69%	0.75%	0.53%
6/3/2017	0.50%	0.83%	0.83%	0.55%	0.69%	0.75%	0.53%
6/4/2017	0.50%	0.83%	0.83%	0.55%	0.69%	0.75%	0.53%
6/5/2017	0.47%	0.83%	0.83%	0.52%	0.69%	0.75%	0.50%
6/6/2017	0.46%	0.83%	0.83%	0.50%	0.69%	0.75%	0.48%
6/7/2017	0.44%	0.83%	0.83%	0.50%	0.69%	0.75%	0.47%
6/8/2017	0.44%	0.81%	0.81%	0.48%	0.69%	0.73%	0.48%
6/9/2017	0.45%	0.81%	0.81%	0.48%	0.69%	0.73%	0.55%
6/10/2017	0.45%	0.81%	0.81%	0.48%	0.69%	0.73%	0.55%
6/11/2017	0.45%	0.81%	0.81%	0.48%	0.69%	0.73%	0.55%
6/12/2017	0.45%	0.81%	0.81%	0.50%	0.69%	0.73%	0.53%
6/13/2017	0.47%	0.81%	0.81%	0.50%	0.69%	0.73%	0.55%
6/14/2017	0.47%	0.81%	0.81%	0.52%	0.69%	0.73%	0.57%
6/15/2017	0.55%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/16/2017	0.57%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/17/2017	0.57%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/18/2017	0.57%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/19/2017	0.58%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/20/2017	0.58%	0.88%	0.88%	0.57%	0.75%	0.78%	0.65%
6/21/2017	0.60%	0.88%	0.88%	0.60%	0.75%	0.78%	0.65%
6/22/2017	0.60%	0.94%	0.94%	0.63%	0.81%	0.85%	0.67%
6/23/2017	0.65%	0.94%	0.94%	0.65%	0.81%	0.85%	0.70%
6/24/2017	0.65%	0.94%	0.94%	0.65%	0.81%	0.85%	0.70%
6/25/2017	0.65%	0.94%	0.94%	0.65%	0.81%	0.85%	0.70%
6/26/2017	0.67%	0.94%	0.94%	0.68%	0.81%	0.85%	0.70%
6/27/2017	0.70%	0.94%	0.94%	0.70%	0.81%	0.85%	0.72%
6/28/2017	0.71%	0.94%	0.94%	0.72%	0.81%	0.85%	0.72%
6/29/2017		0.98%	0.98%		0.88%		
6/30/2017		0.98%	0.98%		0.88%		
Avg Interest Rates	0.54%	0.87%	0.87%	0.57%	0.74%	0.78%	0.60%
Rmkt Fee	0.10%	0.13%	0.13%	0.10%	0.07%	0.08%	0.07%
LOC Fee	0.40%			0.33%	0.38%	0.38%	0.41%
All-In Rate	**1.04%**	**1.00%**	**1.00%**	**1.00%**	**1.19%**	**1.23%**	**1.09%**
Par Amount		114,040,000	34,360,000		82,500,000	9,900,000	62,500,000

Interest Rate Mode	Percent of Total Variable Rate Debt		Par Outstanding	Weighted All-In Average Rate		Base Rate Average
Daily	51.60%		156,500,000	1.05%		0.57%
Weekly	48.40%		146,800,000	1.08%		0.82%
	100.00%	$	**303,300,000**	1.07%		0.69%
Fixed						
COPS 2010	1.35%		5,390,000	3.82%		
COPS 2016	29.15%		116,745,000	2.90%		
BABS 2010	43.69%		175,000,000	4.46%	(1)	
SERIES 2016	25.82%		103,400,000	3.32%		
	100.00%	$	**400,535,000**	3.70%		
All-In Debt Rate Including $130 Million Notional Amount of Swaps						**3.51%**

(1) Rate adjusted up from 4.35% as a result of sequestration reducing BAB's subsidy by 6.8%