

**Appendix A**  
**Schedule of Programs, Programs Technical Support and Cloud Services**

**Software Support - Existing Licenses Only**

Existing Support NTE Amount:	\$ 2,649,990.97
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Item Nbr	Oracle Product Description	Metric	QTY	CSI	License Level	Year 1		Year 2		Year 3		Year 4		Year 5	
						Term	Max Annual NTE Amt	Term	Max Annual NTE Amt	Term	Max Annual NTE Amt*	Term	Max Annual NTE Amt*	Term	Max Annual NTE Amt*
										Max Annual Unit Rate Increase over Prior Year (**):	3%	Max Annual Unit Rate Increase over Prior Year (**):	3%	Max Annual Unit Rate Increase over Prior Year (**):	3%
1	Oracle Utilities Customer Care and Billing Business Intelligence Standard Edition	Nonstandard User	1	15685077	FULL USE	11/30/17 - 03/23/19	\$ 39,131.76	03/23/19 - 03/22/20	\$ 30,993.42	03/23/20 - 03/22/21	\$ 31,923.22	03/23/21 - 03/22/22	\$ 32,880.92	03/23/22 - 03/22/23	\$ 33,867.35
2	Oracle Utilities Customer Care and Billing Extractors and Schemas Customers	Nonstandard User	1800	15685077	FULL USE	11/30/17 - 03/23/19	\$ 4,774.09	03/23/19 - 03/22/20	\$ 3,781.21	03/23/20 - 03/22/21	\$ 3,894.65	03/23/21 - 03/22/22	\$ 4,011.49	03/23/22 - 03/22/23	\$ 4,131.83
3	Oracle Utilities Customer Care and Billing Standard Edition Commercial & Industrial Customers	Nonstandard User	270	15685077	FULL USE	11/30/17 - 03/23/19	\$ 69,654.53	03/23/19 - 03/22/20	\$ 55,168.28	03/23/20 - 03/22/21	\$ 56,823.33	03/23/21 - 03/22/22	\$ 58,528.03	03/23/22 - 03/22/23	\$ 60,283.87
4	Oracle Utilities Customer Care and Billing Standard Edition Residential Customers	Nonstandard User	1530	15685077	FULL USE	11/30/17 - 03/23/19	\$ 199,572.03	03/23/19 - 03/22/20	\$ 158,066.46	03/23/20 - 03/22/21	\$ 162,808.45	03/23/21 - 03/22/22	\$ 167,692.71	03/23/22 - 03/22/23	\$ 172,723.49
5	Oracle Database Enterprise Edition	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 91,429.71	03/23/19 - 03/22/20	\$ 72,414.81	03/23/20 - 03/22/21	\$ 74,587.25	03/23/21 - 03/22/22	\$ 76,824.87	03/23/22 - 03/22/23	\$ 79,129.62
6	Oracle Diagnostics Pack	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 6,736.92	03/23/19 - 03/22/20	\$ 5,335.82	03/23/20 - 03/22/21	\$ 5,495.89	03/23/21 - 03/22/22	\$ 5,660.77	03/23/22 - 03/22/23	\$ 5,830.59
7	Oracle Real Application Clusters	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 44,270.94	03/23/19 - 03/22/20	\$ 35,063.79	03/23/20 - 03/22/21	\$ 36,115.70	03/23/21 - 03/22/22	\$ 37,199.17	03/23/22 - 03/22/23	\$ 38,315.15
8	Oracle Tuning Pack	Processor Perpetual	12	16024505	FULL USE	11/30/17 - 03/23/19	\$ 6,736.91	03/23/19 - 03/22/20	\$ 5,335.82	03/23/20 - 03/22/21	\$ 5,495.89	03/23/21 - 03/22/22	\$ 5,660.77	03/23/22 - 03/22/23	\$ 5,830.59
9	Oracle Active Data Guard	Processor Perpetual	2	19563748	FULL USE	11/30/17 - 03/23/19	\$ 3,627.32	03/23/19 - 03/22/20	\$ 2,872.94	03/23/20 - 03/22/21	\$ 2,959.13	03/23/21 - 03/22/22	\$ 3,047.90	03/23/22 - 03/22/23	\$ 3,139.34
10	Oracle Advanced Compression	Processor Perpetual	10	19563748	FULL USE	11/30/17 - 03/23/19	\$ 18,136.63	03/23/19 - 03/22/20	\$ 14,364.70	03/23/20 - 03/22/21	\$ 14,795.64	03/23/21 - 03/22/22	\$ 15,239.51	03/23/22 - 03/22/23	\$ 15,696.70
11	Oracle Database Enterprise Edition	Processor Perpetual	8	19563748	FULL USE	11/30/17 - 03/23/19	\$ 59,929.83	03/23/19 - 03/22/20	\$ 47,466.05	03/23/20 - 03/22/21	\$ 48,890.03	03/23/21 - 03/22/22	\$ 50,356.73	03/23/22 - 03/22/23	\$ 51,867.43
12	Oracle Diagnostics Pack	Processor Perpetual	2	19563748	FULL USE	11/30/17 - 03/23/19	\$ 1,577.09	03/23/19 - 03/22/20	\$ 1,249.10	03/23/20 - 03/22/21	\$ 1,286.57	03/23/21 - 03/22/22	\$ 1,325.17	03/23/22 - 03/22/23	\$ 1,364.93
13	Oracle Tuning Pack	Processor Perpetual	2	19563748	FULL USE	11/30/17 - 03/23/19	\$ 1,577.09	03/23/19 - 03/22/20	\$ 1,249.10	03/23/20 - 03/22/21	\$ 1,286.57	03/23/21 - 03/22/22	\$ 1,325.17	03/23/22 - 03/22/23	\$ 1,364.93
14	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15965248	NA	03/01/18 - 03/23/19	\$ 5,607.66	03/23/19 - 03/22/20	\$ 5,443.53	03/23/20 - 03/22/21	\$ 5,606.84	03/23/21 - 03/22/22	\$ 5,775.04	03/23/22 - 03/22/23	\$ 5,948.29
15	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15982919	NA	03/01/18 - 03/23/19	\$ 5,607.68	03/23/19 - 03/22/20	\$ 5,443.55	03/23/20 - 03/22/21	\$ 5,606.86	03/23/21 - 03/22/22	\$ 5,775.06	03/23/22 - 03/22/23	\$ 5,948.31
16	BEA WebLogic Server Advantage Edition	CPU Perpetual	2	15982919	NA	03/01/18 - 03/23/19	\$ 4,806.56	03/23/19 - 03/22/20	\$ 4,665.88	03/23/20 - 03/22/21	\$ 4,805.86	03/23/21 - 03/22/22	\$ 4,950.03	03/23/22 - 03/22/23	\$ 5,098.53
17	Primavera P6 Enterprise Project Portfolio Management	Application User Perpetual	52	16518739	FULL USE	03/24/18 - 03/23/19	\$ 30,097.23	03/23/19 - 03/22/20	\$ 31,000.15	03/23/20 - 03/22/21	\$ 31,930.15	03/23/21 - 03/22/22	\$ 32,888.06	03/23/22 - 03/22/23	\$ 33,874.70
18	Oracle AutoVue 2D Professional	Application User Perpetual	10	20545447	FULL USE	03/24/18 - 03/23/19	\$ 942.63	03/23/19 - 03/22/20	\$ 970.91	03/23/20 - 03/22/21	\$ 1,000.04	03/23/21 - 03/22/22	\$ 1,030.04	03/23/22 - 03/22/23	\$ 1,060.94
19	Primavera Unifier Project Controls	Application User Perpetual	10	20545447	FULL USE	03/24/18 - 03/23/19	\$ 8,274.17	03/23/19 - 03/22/20	\$ 8,522.40	03/23/20 - 03/22/21	\$ 8,778.07	03/23/21 - 03/22/22	\$ 9,041.41	03/23/22 - 03/22/23	\$ 9,312.66
							\$ 602,490.78		\$ 489,407.92		\$ 504,090.16		\$ 519,212.86		\$ 534,789.25

\* The Maximum Annual Unit Rate Increase over a prior year shall not exceed the then applicable rate increase over prior year by Oracle.

## New Perpetual Licenses & Software Support

New Perpetual Licenses NTE Amount:	\$ 4,473,725.50
New Perpetual Licenses Support NTE Amount:	\$ 3,010,821.52

New Perpetual Licenses Support Cost as % of Newly Purchased Perpetual Licenses ("Stated Percentage"):	22%
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Item Nbr	Oracle Product Description	Term	Metric	QTY MIN	ANNUAL MAX (AVERAGE)	Year 1		Year 2		Year 3		Year 4		Year 5	
						NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt
								Max Annual Unit Rate Increase over Prior Year (%): **	3%	Max Annual Unit Rate Increase over Prior Year (%): **	3%	Max Annual Unit Rate Increase over Prior Year (%): **	3%	Max Annual Unit Rate Increase over Prior Year (%): **	3%
1	Oracle Database Gateway for SQL Server	Perpetual	Computer	1	1	\$ 11,373.25	\$ 11,373.25	\$ 11,714.45	\$ 11,714.45	\$ 12,065.88	\$ 12,065.88	\$ 12,427.86	\$ 12,427.86	\$ 12,800.69	\$ 12,800.69
2	Oracle Database Firewall and Audit Vault	Perpetual	Processor	1	1	\$ 3,899.40	\$ 3,899.40	\$ 4,016.38	\$ 4,016.38	\$ 4,136.87	\$ 4,136.87	\$ 4,260.98	\$ 4,260.98	\$ 4,388.81	\$ 4,388.81
3	Oracle Database Standard Edition 2	Perpetual	Processor	1	12	\$ 11,373.25	\$ 136,479.00	\$ 11,714.45	\$ 140,573.37	\$ 12,065.88	\$ 144,790.57	\$ 12,427.86	\$ 149,134.29	\$ 12,800.69	\$ 153,608.32
4	Oracle Functional Testing Advanced Pack for Oracle Utilities	Perpetual	Named User Plus	10	10	\$ 10,250.00	\$ 102,500.00	\$ 10,557.50	\$ 105,575.00	\$ 10,874.23	\$ 108,742.25	\$ 11,200.45	\$ 112,004.52	\$ 11,536.47	\$ 115,364.65
5	Oracle Functional Testing	Perpetual	Named User Plus	10	10	\$ 5,199.20	\$ 51,992.00	\$ 5,355.18	\$ 53,551.76	\$ 5,515.83	\$ 55,158.31	\$ 5,681.31	\$ 56,813.06	\$ 5,851.75	\$ 58,517.45
6	Oracle Functional Testing Accelerator for Web Services	Perpetual	Named User Plus	10	10	\$ 1,299.80	\$ 12,998.00	\$ 1,338.79	\$ 13,387.94	\$ 1,378.96	\$ 13,789.58	\$ 1,420.33	\$ 14,203.27	\$ 1,462.94	\$ 14,629.36
7	Test Manager	Perpetual	Named User Plus	10	10	\$ 1,299.80	\$ 12,998.00	\$ 1,338.79	\$ 13,387.94	\$ 1,378.96	\$ 13,789.58	\$ 1,420.33	\$ 14,203.27	\$ 1,462.94	\$ 14,629.36
8	WebLogic Server Standard Edition	Perpetual	Processor	1	1	\$ 6,499.00	\$ 6,499.00	\$ 6,693.97	\$ 6,693.97	\$ 6,894.79	\$ 6,894.79	\$ 7,101.63	\$ 7,101.63	\$ 7,314.68	\$ 7,314.68
9	Business Intelligence Publisher for Oracle Applications	Perpetual	Named User Plus	1	100	\$ 38.99	\$ 3,899.00	\$ 40.16	\$ 4,015.97	\$ 41.36	\$ 4,136.45	\$ 42.61	\$ 4,260.54	\$ 43.88	\$ 4,388.36
10	Primavera P6 Enterprise Project Portfolio Management	Perpetual	Application User	1	20	\$ 1,787.23	\$ 35,744.60	\$ 1,840.85	\$ 36,816.94	\$ 1,896.07	\$ 37,921.45	\$ 1,952.95	\$ 39,059.09	\$ 2,011.54	\$ 40,230.86
11	Primavera Unifier Project Controls	Perpetual	Application User	25	100	\$ 2,567.11	\$ 256,711.00	\$ 2,644.12	\$ 264,412.33	\$ 2,723.45	\$ 272,344.70	\$ 2,805.15	\$ 280,515.04	\$ 2,889.30	\$ 288,930.49
12	Business Intelligence Server Enterprise Edition	Perpetual	Processor	1	1	\$ 31,080.00	\$ 31,080.00	\$ 32,012.40	\$ 32,012.40	\$ 32,972.77	\$ 32,972.77	\$ 33,961.96	\$ 33,961.96	\$ 34,980.81	\$ 34,980.81
13	Oracle Business Intelligence Interactive Dashboards	Perpetual	Processor	1	1	\$ 51,900.00	\$ 51,900.00	\$ 53,457.00	\$ 53,457.00	\$ 55,060.71	\$ 55,060.71	\$ 56,712.53	\$ 56,712.53	\$ 58,413.91	\$ 58,413.91
14	Oracle Business Intelligence Answers	Perpetual	Processor	1	1	\$ 51,900.00	\$ 51,900.00	\$ 53,457.00	\$ 53,457.00	\$ 55,060.71	\$ 55,060.71	\$ 56,712.53	\$ 56,712.53	\$ 58,413.91	\$ 58,413.91
15	Oracle Business Intelligence Delivers	Perpetual	Processor	1	1	\$ 31,080.00	\$ 31,080.00	\$ 32,012.40	\$ 32,012.40	\$ 32,972.77	\$ 32,972.77	\$ 33,961.96	\$ 33,961.96	\$ 34,980.81	\$ 34,980.81
16	Oracle Business Intelligence Publisher	Perpetual	Processor	1	1	\$ 29,895.40	\$ 29,895.40	\$ 30,792.26	\$ 30,792.26	\$ 31,716.03	\$ 31,716.03	\$ 32,667.51	\$ 32,667.51	\$ 33,647.54	\$ 33,647.54
17	Oracle Business Intelligence Mobile	Perpetual	Named User Plus	20	50	\$ 233.96	\$ 11,698.00	\$ 240.98	\$ 12,048.94	\$ 248.21	\$ 12,410.41	\$ 255.65	\$ 12,782.72	\$ 263.32	\$ 13,166.20
<b>NEW LICENSES NTE AMOUNT</b>							\$ 842,646.65		\$ 867,926.05		\$ 893,963.83		\$ 920,782.75		\$ 948,406.23
<b>SUPPORT FOR NEW LICENSES ***</b>							\$ 185,382.26		\$ 190,943.73		\$ 196,672.04		\$ 202,572.20		\$ 208,649.37
<b>SUPPORT FOR LICENSES PROCURED IN PRIOR YEARS (Adj by Rate Increase)</b>							\$ -		\$ 190,943.73		\$ 393,344.09		\$ 607,716.61		\$ 834,597.48
<b>SUPPORT NTE AMOUNT</b>							\$ 185,382.26		\$ 381,887.46		\$ 590,016.13		\$ 810,288.82		\$ 1,043,246.85

\* Actual Unit Price at the time of a purchase shall vary depending on the applicable year and actual volume ordered but will not, in any event, exceed the NTE Unit Price for any applicable year. Bidder shall make good faith effort to secure from Oracle on behalf of the SFPUC all then available discounts based on SFPUC's actual volume.

\*\* The Maximum Annual Unit Rate Increase over a prior year shall not exceed the then applicable rate increase over prior year by Oracle.

\*\*\* Year 1 support cost for all newly purchased perpetual licenses will be determined as the Stated Percentage of the total cost for newly purchased licenses and will be pro-rated and adjusted based on actual support start date and co-termination with support for existing SFPUC perpetual licenses.

## Cloud Services

Cloud Services NTE Amount:	\$ 1,698,430.90
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Item Nbr	Oracle Product Description	Term	Metric	QTY MIN	ANNUAL MAX (AVERAGE)	Year 1		Year 2		Year 3		Year 4		Year 5	
						NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt	NTE Unit Price *	Max Avg. Annual NTE Amt
								Max Annual Unit Rate Increase over Prior Year (%): **	0%	Max Annual Unit Rate Increase over Prior Year (%): **	0%	Max Annual Unit Rate Increase over Prior Year (%): **	3%	Max Annual Unit Rate Increase over Prior Year (%): **	3%
1	B83533 - Oracle Database Cloud Service - Enterprise Edition High Performance - General Purpose - Non-metered	Annual	Hosted Environment	1	5	\$ 19,176.00	\$ 95,880.00	\$ 19,176.00	\$ 95,880.00	\$ 19,176.00	\$ 95,880.00	\$ 19,751.28	\$ 98,756.40	\$ 20,343.82	\$ 101,719.09
2	B83543 - Oracle Database Backup Service - Non-metered	Annual	TB of Storage Capacity	1	5	\$ 316.40	\$ 1,582.00	\$ 316.40	\$ 1,582.00	\$ 316.40	\$ 1,582.00	\$ 325.89	\$ 1,629.46	\$ 335.67	\$ 1,678.34
3	B83456 - Oracle Storage Cloud Service - Non-metered	Annual	TB of Storage Capacity	10	10	\$ 287.64	\$ 2,876.40	\$ 287.64	\$ 2,876.40	\$ 287.64	\$ 2,876.40	\$ 296.27	\$ 2,962.69	\$ 305.16	\$ 3,051.57
4	B83455 - Oracle Compute Cloud Service - Block Storage - Non-metered	Annual	TB of Storage Capacity	10	10	\$ 479.40	\$ 4,794.00	\$ 479.40	\$ 4,794.00	\$ 479.40	\$ 4,794.00	\$ 493.78	\$ 4,937.82	\$ 508.60	\$ 5,085.95
5	B85643 - Oracle Compute Cloud Service - Compute Capacity - Non-metered	Annual	OCPU Per Month	10	10	\$ 719.10	\$ 7,191.00	\$ 719.10	\$ 7,191.00	\$ 719.10	\$ 7,191.00	\$ 740.67	\$ 7,406.73	\$ 762.89	\$ 7,628.93
					LICENSE NTE TOTAL		\$ 112,323.40		\$ 224,646.80		\$ 336,970.20		\$ 452,663.30		\$ 571,827.20

\* Actual Unit Price at the time of a purchase shall vary depending on the applicable year and actual volume ordered but will not, in any event, exceed the NTE Unit Price for any applicable year as defined in the above table. Bidder shall make good faith effort to secure from Oracle on behalf of the SFPUC all then available discounts based on SFPUC's actual volume.