

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND DEPT: 03 REVENUE

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 BEGINNING WORKING CAPITAL

301 BEGINNING WORKING CAPITAL	-671,778		-431,147		-414,289		-414,289	-414,289	-386,150		-386,150	
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TOTAL CLASS: 05 BEGINNING WORKING CAPITAL	-671,778		-431,147		-414,289		-414,289	-414,289	-386,150		-386,150	
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329 OTHER INTERGOVERNMENTAL REV	-107,575		-261,249		-284,478		-308,906	-308,906				
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TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE	-107,575		-261,249		-284,478		-308,906	-308,906				
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CLASS: 35 MISCELLANEOUS REVENUES

382 SALE OF CITY OR BURA PROPERTY			-434									
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384 INVESTMENT INTEREST EARNINGS	-8,541		-9,271		-13,600		-10,566	-13,600	-15,500		-15,500	
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389 MISCELLANEOUS REVENUES							-320	-320				
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399 REIMBURSEMENTS - OTHER	-12,564		-5,024				-1,700	-1,165				
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757 MED/LIFE INS PREM REFUND DISTRIBUTION	-3,805		-4,045				-3,706	-3,286				
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TOTAL CLASS: 35 MISCELLANEOUS REVENUES	-24,910		-18,774		-13,600		-16,292	-18,371	-15,500		-15,500	
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CLASS: 40 INTERFUND TRANSFERS/LOANS

406 TRSFERS FR GENERAL FUND - GIS PRGM					-314,830		-288,594	-314,830	-311,479		-311,479	
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407 TRSFERS FR STREET FUND - GIS PRGM												
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711

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
					-16,469		-15,097	-16,469	-16,297		-16,297	
408	TRSFERS FR WATER FUND - GIS PRGM											
					-179,079		-164,156	-179,079	-177,216		-177,216	
409	TRSFERS FR SEWER FUND - GIS PRGM											
					-105,662		-96,857	-105,662	-104,563		-104,563	
410	TRSFERS FR STORM DRAIN FUND - GIS PRGM											
					-153,606		-140,806	-153,606	-152,008		-152,008	
411	TRSFERS FROM GENERAL FUND											
	-1,791,823		-2,102,596		-2,432,123		-2,229,446	-2,432,123	-2,560,774		-2,560,774	
412	TRSFERS FROM STREET FUND											
	-66,125		-80,443		-94,495		-86,620	-94,495	-108,466		-108,466	
419	TRSFERS FROM WATER FUND											
	-193,014		-232,089		-286,721		-262,828	-286,721	-329,957		-329,957	
421	TRSFERS FROM SEWER FUND											
	-153,597		-184,126		-225,663		-206,858	-225,663	-256,500		-256,500	
424	TRSFERS FROM REPROGRAPHICS FUND											
	-25,153		-31,123		-36,227		-33,208	-36,227	-36,625		-36,625	
425	TRSFERS FROM GARAGE FUND											
	-38,166		-45,699		-54,014		-49,513	-54,014	-56,495		-56,495	
428	TRSFERS FR BUILDING OPERATING FD											
	-145,833		-171,992		-195,395		-179,112	-195,395	-178,715		-178,715	
430	TRANSFER FROM LIBRARY FUND											
	-244,069		-291,729		-335,929		-307,935	-335,929	-344,716		-344,716	
431	TRSFERS FR GIS FUND											
	-79,189		-87,737		-64,016		-64,016	-64,016				
432	TRSFERS FR PUBLIC WRKS ADMN FUND											
	-43,730		-54,110		-62,980		-57,732	-62,980	-63,664		-63,664	
437	TRSFERS FR INSURANCE FUND											
	-9,181		-11,363		-13,122		-12,029	-13,122	-13,181		-13,181	
440	TRSFERS FR STREET LIGHTING FUND											
	-5,645		-6,988		-8,037		-7,367	-8,037				

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
441	TRSFERS FR STORM DRAIN FUND											
	-94,268		-111,419		-142,713		-130,820	-142,713	-172,565		-172,565	
442	TRANSFER FROM THE TLT FUND											
			-15,550		-18,791		-17,225	-18,791	-18,732		-18,732	
449	TSFR FR TRANS DEVL TAX/TIF FD											
	-5,799		-7,178		-8,323		-7,629	-8,323	-8,371		-8,371	
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS												
	-2,895,592		-3,434,142		-4,748,195		-4,357,848	-4,748,195	-4,910,324		-4,910,324	
TOTAL DEPARTMENT: 03 REVENUE												
	-3,699,855		-4,145,312		-5,460,562		-5,097,335	-5,489,761	-5,311,974		-5,311,974	

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

082 INFORMATION SYSTEMS MANAGER

117,674 1.00 119,517 1.00 122,563 1.00 112,635 124,159 128,766 1.00 128,766 1.00

102 SUPVR COMMUNICATIONS ANALYST

92,927 1.00 99,389 1.00 106,304 1.00 95,875 106,080 111,703 1.00 111,703 1.00

104 BUSINESS ANALYST PROGRAMMER

474,047 6.00 506,873 6.00 714,918 8.00 623,899 693,185 737,178 8.00 737,178 8.00

106 WEB MANAGER

98,400 1.00 100,346 1.00 102,709 1.00 94,738 104,363 107,794 1.00 107,794 1.00

108 GIS MANAGER

116,322 1.00 103,134 116,104 119,894 1.00 119,894 1.00

145 GIS ANALYST

84,147 1.00 75,682 83,953 87,548 1.00 87,548 1.00

148 GIS SPECIALIST

139,118 2.00 125,592 138,809 144,786 2.00 144,786 2.00

189 WEB ANALYST

124,612 1.50 127,047 1.50 42,652 .50 40,814 44,644 87,948 1.00 87,948 1.00

221 SUPPORT SPECIALIST 2

53,502 1.00 54,839 1.00 49,341 54,495 57,077 1.00 57,077 1.00

243 COMPUTER SERVICE TECHNICIAN

164,319 3.00 185,971 3.00 201,515 3.00 183,188 203,379 221,271 3.00 221,271 3.00

275 TEMPORARY EMPLOYEES

8,677

283 APPLICATIONS DEVELOPMENT MANAGER

108,886 1.00 111,882 1.00 114,128 1.00 102,587 113,313 117,649 1.00 117,649 1.00

287 INFORMATION SERVICES SPECIALIST

170,750 3.00 238,636 3.00 251,944 3.00 223,063 249,939 265,293 3.00 265,293 3.00

299 PAYROLL TAXES AND FRINGES

714

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
	573,029		704,140		1,011,743		873,331	954,687	1,115,051		1,115,051	
TOTAL CLASS: 05 PERSONNEL SERVICES												
	1,933,321	17.50	2,247,303	18.50	3,062,902	23.50	2,703,879	2,987,110	3,301,958	24.00	3,301,958	24.00
CLASS: 10 MATERIALS & SERVICES												
301 OFFICE EXPENSE												
	509		1,247		2,500		1,530	1,500	1,000		1,000	
304 DEPARTMENT EQUIPMENT EXPENSE												
	500		493		500		432	500	500		500	
305 SPECIAL DEPARTMENT SUPPLIES												
	40,364		39,261		40,000		28,367	40,000	40,000		40,000	
307 MEMBERSHIP FEES												
					350			350	350		350	
308 PERIODICALS & SUBSCRIPTIONS												
	212		770		600		275	500	600		600	
317 COMPUTER EQUIPMENT												
	136,967		125,589		165,850		137,626	165,000	194,290		194,290	
318 COMPUTER SOFTWARE												
	274,634		269,356		279,060		243,023	236,000	250,500		250,500	
321 TRAVEL, TRAINING & SUBSISTENCE												
	15,923		18,167		35,160		24,096	26,597	34,900		34,900	
328 MEALS & RELATED EXPENSE												
	230		400		560			560	620		620	
330 MILEAGE REIMBURSEMENT												
					100			100	100		100	
341 COMMUNICATIONS EXPENSE												
	188,391		206,954		280,811		259,011	260,888	155,768		155,768	
342 DATA COMMUNICATION EXPENSE												

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
	812		480		960		-6					
371	EQUIPMENT OPER & MAINT EXPENSE											
	19,210		21,162		20,000		18,862	20,000	20,000		20,000	
511	PROFESSIONAL SERVICES											
	60,469		55,533		161,850		85,996	99,650	153,900		153,900	
536	MAINTENANCE CONTRACTS											
	340,452		538,121		718,280		655,118	750,000	856,620		856,620	
TOTAL CLASS: 10 MATERIALS & SERVICES												
	1,078,673		1,277,533		1,706,581		1,454,330	1,601,645	1,709,148		1,709,148	
CLASS: 15 CAPITAL OUTLAY												
671	EQUIPMENT											
	249,045		198,075		524,555		428,378	503,795	194,565		194,565	
TOTAL CLASS: 15 CAPITAL OUTLAY												
	249,045		198,075		524,555		428,378	503,795	194,565		194,565	
CLASS: 25 TRANSFERS												
816	TRSFERS TO REPROGRAPHICS FUND											
	1,908		1,487		4,436		2,786	4,436	3,853		3,853	
819	TRSFERS TO INSURANCE FUND											
	5,761		6,625		6,625		6,073	6,625	8,281		8,281	
TOTAL CLASS: 25 TRANSFERS												
	7,669		8,112		11,061		8,859	11,061	12,134		12,134	
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES												
991	CONTINGENCY - UNRESERVED											
					75,463				34,169		34,169	
996	RESERVE - EQUIPMENT REPLACEMT											

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 30 INFORMATION SYSTEMS DEPARTMENT

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019 YTD	2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE
					80,000				60,000		60,000	
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES												
					155,463				94,169		94,169	
TOTAL DEPARTMENT: 30 INFORMATION SYSTEMS DEPARTMENT												
	3,268,708	17.50	3,731,023	18.50	5,460,562	23.50	4,595,446	5,103,611	5,311,974	24.00	5,311,974	24.00

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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 BEGINNING WORKING CAPITAL

301	BEGINNING WORKING CAPITAL										
		671,778	431,147	414,289	414,289	386,150	386,150				

TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

		671,778	431,147	414,289	414,289	386,150	386,150				
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329	OTHER INTERGOVERNMENTAL REV										
		107,575	261,249	284,478	308,906						

TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

		107,575	261,249	284,478	308,906						
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CLASS: 35 MISCELLANEOUS REVENUES

382	SALE OF CITY OR BURA PROPERTY										
			434								
384	INVESTMENT INTEREST EARNINGS										
		8,541	9,271	13,600	13,600	15,500	15,500				
389	MISCELLANEOUS REVENUES						320				
399	REIMBURSEMENTS - OTHER										
		12,564	5,024		1,165						
757	MED/LIFE INS PREM REFUND DISTRIBUTION										
		3,805	4,045		3,286						

TOTAL CLASS: 35 MISCELLANEOUS REVENUES

		24,910	18,774	13,600	18,371	15,500	15,500				
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CLASS: 40 INTERFUND TRANSFERS/LOANS

406	TRSFERS FR GENERAL FUND - GIS PRGM										
				314,830	314,830	311,479	311,479				
407	TRSFERS FR STREET FUND - GIS PRGM										
				16,469	16,469	16,297	16,297				

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

329 OTHER INTERGOVERNMENTAL REV

GRANT FUNDING FROM METROPOLITAN AREA CABLE COMMISSION (MACC)
 FY2017-18 REFLECTS:
 FALL 2017 GRANT AWARD OF \$125,025 FOR
 SECURITY APPLIANCE \$59,738
 BEAVERTON BUILDING NETWORK SWITCHES \$25,717
 UPGRADE HYPERSERVERS \$32,132
 UPGRADING THE VIRTUAL PRIVATE NETWORK APPLIANCE \$7,438
 SPRING 2018 GRANT AWARD OF \$140,295 FOR:
 GIS PORTAL REPLACEMENT \$47,861
 WIRELESS NETWORK AT THE GRIFFITH DRIVE BUILDING \$70,077 (THIS IS BUDGETED TO OCCUR
 IN FY 2018-19 IN PROGRAM 0712 ACCOUNT NO. 671)
 UPGRADE THE LIBRARY BUILDING'S PUBLIC ACCESS SWITCHES \$22,357
 FALL 2018 GRANT AWARD OF \$118,860 FOR:
 STORAGE AREA NETWORK \$94,295
 MICROWAVE LINK \$24,565 (THIS WORK TO BE DONE IN FY 2019-20 IN PROGRAM 0712 OBJECT 671)
 SPRING 2019 GRANT AWARD \$190,183 FOR:
 DISASTER RECOVERY AND BACKUP \$122,473
 CORE ROUTER \$40,245
 GRIFFITH BUILDING SWITCH REPLACEMENT \$19,365
 UPS REPLACEMENT \$8,100

382 SALE OF CITY OR BURA PROPERTY

384 INVESTMENT INTEREST EARNINGS

INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
 FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
 FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
 FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75% FY 19-20 BUDGETED INTEREST EARNINGS ARE BASED UPON
 3.00% \$15,500

389 MISCELLANEOUS REVENUES

399 REIMBURSEMENTS - OTHER

REFUNDS ON SOFTWARE RENEWAL AND DISPOSAL OF CITY CELL PHONES

757 MED/LIFE INS PREM REFUND DISTRIBUTION

MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTRIBUTION TO OPERATING FUNDS

406 TRSFERS FR GENERAL FUND - GIS PRGM

IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. \$311,479

407 TRSFERS FR STREET FUND - GIS PRGM

IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. \$16,297

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND

DEPT: 03 REVENUE

PROGRAM: 0000 UNRESTRICTED

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE
408	TRSFERS FR WATER FUND - GIS PRGM				179,079		179,079	177,216		177,216	
409	TRSFERS FR SEWER FUND - GIS PRGM				105,662		105,662	104,563		104,563	
410	TRSFERS FR STORM DRAIN FUND - GIS PRGM				153,606		153,606	152,008		152,008	
411	TRSFERS FROM GENERAL FUND				1,791,823	2,102,596	2,432,123	2,432,123	2,560,774		2,560,774
412	TRSFERS FROM STREET FUND				66,125	80,443	94,495	94,495	108,466		108,466
419	TRSFERS FROM WATER FUND				193,014	232,089	286,721	286,721	329,957		329,957
421	TRSFERS FROM SEWER FUND				153,597	184,126	225,663	225,663	256,500		256,500
424	TRSFERS FROM REPROGRAPHICS FUND				25,153	31,123	36,227	36,227	36,625		36,625
425	TRSFERS FROM GARAGE FUND				38,166	45,699	54,014	54,014	56,495		56,495
428	TRSFER FR BUILDING OPERATING FD				145,833	171,992	195,395	195,395	178,715		178,715
430	TRANSFER FROM LIBRARY FUND				244,069	291,729	335,929	335,929	344,716		344,716
431	TRSFER FR GIS FUND				79,189	87,737	64,016	64,016			
432	TRSFER FR PUBLIC WRKS ADMN FUND				43,730	54,110	62,980	62,980	63,664		63,664
437	TRSFERS FRM INSURANCE FUND				9,181	11,363	13,122	13,122	13,181		13,181
440	TRSFERS FR STREET LIGHTING FUND				5,645	6,988	8,037	8,037			
441	TRSFERS FR STORM DRAIN FUND				94,268	111,419	142,713	142,713	172,565		172,565
442	TRANSFER FROM THE TLT FUND					15,550	18,791	18,791	18,732		18,732
449	TSFR FR TRANS DEVL TAX/TIF FD				5,799	7,178	8,323	8,323	8,371		8,371

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

408	TRSFERS FR WATER FUND - GIS PRGM IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. \$177,216
409	TRSFERS FR SEWER FUND - GIS PRGM IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. \$104,563
410	TRSFERS FR STORM DRAIN FUND - GIS PRGM IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. \$152,008
411	TRSFERS FROM GENERAL FUND CHARGES FOR ALLOCATED SERVICES INCLUDES \$2,560,774 POLICE ALLOCATION FOR MAINTENANCE CONTRACTS \$127,700 COMMUNICATION EXPENSE FOR THE REGIONAL INFORMATION SYSTEMS \$5,000 ONE PROGRAMMER ANALYST MATRIXED TO THE POLICE DEPT (\$129,427) ONE PROGRAMMER ANALYST MATRIXED TO THE MAYOR'S OFFICE (\$130,046)
412	TRSFERS FROM STREET FUND CHARGES FOR ALLOCATED SERVICES \$108,466
419	TRSFERS FROM WATER FUND CHARGES FOR ALLOCATED SERVICES \$329,957
421	TRSFERS FROM SEWER FUND CHARGES FOR ALLOCATED SERVICES \$256,500
424	TRSFERS FROM REPROGRAPHICS FUND CHARGES FOR ALLOCATED SERVICES \$36,625
425	TRSFERS FROM GARAGE FUND CHARGES FOR ALLOCATED SERVICES \$56,495
428	TRSFERS FR BUILDING OPERATING FD CHARGES FOR ALLOCATED SERVICES. \$178,715
430	TRANSFER FROM LIBRARY FUND CHARGES FOR ALLOCATED SERVICES (\$220,240) \$344,716 COMPUTER SERVICE TECHNICIAN MATRIXED TO THE LIBRARY (\$101,989)
431	TRSFERS FR GIS FUND IN FY 18-19, GIS FUND IS CONSOLATED INTO ISD FUND UNDER GIS SERVICES PROGRAM 0678. FY18-19 TRANSFER IS TO CLOSE OUT THE RESIDUAL FUND BALANCE FROM GIS FUND.
432	TRSFERS FR PUBLIC WRKS ADMN FUND CHARGES FOR ALLOCATED SERVICES \$63,664
437	TRSFERS FR INSURANCE FUND CHARGES FOR ALLOCATED SERVICES \$13,181
440	TRSFERS FR STREET LIGHTING FUND CHARGES FOR ALLOCATED SERVICES
441	TRSFERS FR STORM DRAIN FUND CHARGES FOR ALLOCATED SERVICES \$172,565
442	TRANSFER FROM THE TLT FUND
449	TSFR FR TRANS DEVL TAX/TIF FD CHARGES FOR ALLOCATED SERVICES \$8,371

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 03 REVENUE
 PROGRAM: 0000 UNRESTRICTED

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS

	2,895,592		3,434,142		4,748,195		4,748,195	4,910,324		4,910,324	
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TOTAL PROGRAM: 0000 UNRESTRICTED

	3,699,855		4,145,312		5,460,562		5,489,761	5,311,974		5,311,974	
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TOTAL DEPARTMENT: 03 REVENUE

	3,699,855		4,145,312		5,460,562		5,489,761	5,311,974		5,311,974	
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0525 WEB SERVICES

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

104	BUSINESS ANALYST PROGRAMMER				91,907	1.00	91,703	94,760	1.00	94,760	1.00
106	WEB MANAGER										
	98,400	1.00	100,346	1.00	102,709	1.00	104,363	107,794	1.00	107,794	1.00
189	WEB ANALYST										
	124,612	1.50	127,047	1.50	42,652	.50	44,644	87,948	1.00	87,948	1.00
299	PAYROLL TAXES AND FRINGES										
	101,626		104,297		118,822		114,913	147,630		147,630	

TOTAL CLASS: 05 PERSONNEL SERVICES

	324,638	2.50	331,690	2.50	356,090	2.50	355,623	438,132	3.00	438,132	3.00
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CLASS: 10 MATERIALS & SERVICES

307	MEMBERSHIP FEES				350		350	350		350	
321	TRAVEL, TRAINING & SUBSISTENCE										
			2,500		2,500			3,000		3,000	
341	COMMUNICATIONS EXPENSE										
	434		434		444		444	444		444	
511	PROFESSIONAL SERVICES										
	42,236		32,782		46,650		46,650	53,900		53,900	

TOTAL CLASS: 10 MATERIALS & SERVICES

	42,670		35,716		49,944		47,444	57,694		57,694	
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TOTAL PROGRAM: 0525 WEB SERVICES

	367,308	2.50	367,406	2.50	406,034	2.50	403,067	495,826	3.00	495,826	3.00
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0525 WEB SERVICES

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 104 BUSINESS ANALYST PROGRAMMER
 FY 18-19 REFLECTS 1 FTE WEB ANALYST RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER.
- 106 WEB MANAGER
 POSITION FOR MANAGING DESIGN, DEVELOPMENT AND PROGRAMMING PROCESS FOR CITY WEB SITES, WEB APPLICATIONS AND ADMINISTRATION OF WEB SERVERS AND DATABASES
- 189 WEB ANALYST
 POSITION FOR DESIGNING, DEVELOPING AND PROGRAMMING WEB SITES AND WEB APPLICATIONS. FY 10-11 THROUGH FY 18-19 REFLECT LIMITED DURATION .5 FTE WEB ANALYST POSITION. FY 18-19 REFLECTS 1 FTE WEB ANALYST RECLASSIFIED TO 1 FTE BUSINESS ANALYST PROGRAMMER. FY 19-20 REFLECTS .50 FTE ADDED TO THE WEB ANALYST POSITION TO CREATE A FULLTIME POSITION.
- 299 PAYROLL TAXES AND FRINGES
 PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 58.14% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
 34.14% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 23.22% FOR RETIREMENT CONTRIBUTIONS (28.45% PERS. 19.45% OPSRP GENERAL OR 24.08% OPSRP POLICE), AND 3.27% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
 24.00% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
- 307 MEMBERSHIP FEES
 2 - NATIONAL ASSOCIATION OF GOVERNMENT WEB PROFESSIONALS MEMBERSHIPS \$350
- 321 TRAVEL, TRAINING & SUBSISTENCE
 IT TRAINING FOR WEB SERVICES EMPLOYEES \$3,000
- 341 COMMUNICATIONS EXPENSE
 CELL PHONE CHARGES FOR 1 STAFF DEDICATED TO WEB SERVICES AT \$37 PER MONTH \$444
- 511 PROFESSIONAL SERVICES
 CITY CODE AND ORDINANCES: CONTRACT WITH CODE PUBLISHING \$2,000
 WEBSITE HOSTING YEARLY SERVICE FEE FOR MAIN CITY WEBSITE AND POLICE \$13,000
 WEBSITE HOSTING YEARLY SERVICE FEE FOR LIBRARY SITE \$3,700
 SITEIMPROVE YEARLY SERVICE FEE \$9,300
 ARCHIVE SOCIAL MEDIA DATA ARCHIVING SYSTEM \$4,900
 CIVICPLUS CMS UPGRADES AND NEW FEATURES \$2,000
 SQL AND WEB SERVERS UPGRADE, SECURITY, DATABASE/APP MIGRATION \$19,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

104	BUSINESS ANALYST PROGRAMMER				91,907	1.00	91,351	94,760	1.00	94,760	1.00
108	GIS MANAGER				116,322	1.00	116,104	119,894	1.00	119,894	1.00
145	GIS ANALYST				84,147	1.00	83,953	87,548	1.00	87,548	1.00
148	GIS SPECIALIST				139,118	2.00	138,809	144,786	2.00	144,786	2.00
299	PAYROLL TAXES AND FRINGES				220,515		208,406	237,863		237,863	

TOTAL CLASS: 05 PERSONNEL SERVICES

					652,009	5.00	638,623	684,851	5.00	684,851	5.00
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CLASS: 10 MATERIALS & SERVICES

318	COMPUTER SOFTWARE				33,060		16,000	9,500		9,500	
321	TRAVEL, TRAINING & SUBSISTENCE				6,060		5,000	4,600		4,600	
328	MEALS & RELATED EXPENSE				120		120	140		140	
330	MILEAGE REIMBURSEMENT				50		50	50		50	
341	COMMUNICATIONS EXPENSE				444		444	444		444	
342	DATA COMMUNICATION EXPENSE				480						
511	PROFESSIONAL SERVICES				13,000		13,000	13,000		13,000	
536	MAINTENANCE CONTRACTS				50,000		50,000	50,000		50,000	

TOTAL CLASS: 10 MATERIALS & SERVICES

					103,214		84,614	77,734		77,734	
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

104	BUSINESS ANALYST PROGRAMMER FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND.
108	GIS MANAGER FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
145	GIS ANALYST FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
148	GIS SPECIALIST FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FROM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND
299	PAYROLL TAXES AND FRINGES PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 58.14% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING: 34.14% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 23.22% FOR RETIREMENT CONTRIBUTIONS (28.45% PERS. 19.45% OPSRP GENERAL OR 24.08% OPSRP POLICE), AND 3.27% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET) 24.00% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
318	COMPUTER SOFTWARE FY 2018-19 REFLECTS MOVING THE GIS FUNCTION FORM A SEPARATE FUND (NO. 604) TO A DIVISION OF THE INFORMATION SYSTEMS FUND GEOCORTEX WEB DEVELOPMENT TOOLS - MAINTENANCE \$4,000 ONYX GIS PRINT SERVER - MAINTENANCE \$500 MISC. SOFTWARE PURCHASE \$3,000 LIZARDTECH GEOEXPRESS (IMAGE COMPRESSION PURCHASE EVERY 3 YEARS)(FY20-21) GEOCORTEX ANALYTICS FOR USAGE STATISTICS - MAINTENANCE \$2,000
321	TRAVEL, TRAINING & SUBSISTENCE ESRI INTL CONFERENCE - 1 STAFF - SAN DIEGO \$2,200 NW GIS CONFERENCE - 1 STAFF \$1,200 GIS IN ACTION CONFERENCE - 2 STAFF - PORTLAND \$600 PLURAL SIGHT ONLINE TRAINING \$600
328	MEALS & RELATED EXPENSE MEALS RELATED TO GIS \$140
330	MILEAGE REIMBURSEMENT MILEAGE RELATED TO MEETINGS OUTSIDE OF CITY HALL. \$50
341	COMMUNICATIONS EXPENSE CELL PHONE CHARGES FOR 1 STAFF AT \$37 PER MONTH \$444
342	DATA COMMUNICATION EXPENSE NO APPROPRIATION REQUESTED
511	PROFESSIONAL SERVICES BUG ORTHO PHOTOS AND PICTOMETRY ANNUAL FEE \$10,000 GIS CONSULTING AS NEEDED \$3,000
536	MAINTENANCE CONTRACTS GIS ESRI (CONSOLIDATED WITH OTHER ISD MAINTENANCE CONTRACTS) \$50,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0678 GIS SERVICES

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE
CLASS: 25 TRANSFERS											
816 TRSFERS TO REPROGRAPHICS FUND					2,773		2,773	2,202		2,202	
TOTAL CLASS: 25 TRANSFERS					2,773		2,773	2,202		2,202	
TOTAL PROGRAM: 0678 GIS SERVICES					757,996	5.00	726,010	764,787	5.00	764,787	5.00

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0678 GIS SERVICES

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

816 TRSFERS TO REPROGRAPHICS FUND
ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS \$2,202

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

082	INFORMATION SYSTEMS MANAGER											
	117,674	1.00	119,517	1.00	122,563	1.00	124,159	128,766	1.00	128,766	1.00	
102	SUPVR COMMUNICATIONS ANALYST											
	92,927	1.00	99,389	1.00	106,304	1.00	106,080	111,703	1.00	111,703	1.00	
104	BUSINESS ANALYST PROGRAMMER											
	474,047	6.00	506,873	6.00	531,104	6.00	510,131	547,658	6.00	547,658	6.00	
275	TEMPORARY EMPLOYEES											
	330											
283	APPLICATIONS DEVELOPMENT MANAGER											
	108,886	1.00	111,882	1.00	114,128	1.00	113,313	117,649	1.00	117,649	1.00	
299	PAYROLL TAXES AND FRINGES											
	335,475		389,239		437,683		411,233	472,919		472,919		

TOTAL CLASS: 05 PERSONNEL SERVICES

	1,129,339	9.00	1,226,900	9.00	1,311,782	9.00	1,264,916	1,378,695	9.00	1,378,695	9.00
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CLASS: 10 MATERIALS & SERVICES

321	TRAVEL, TRAINING & SUBSISTENCE											
	9,590		9,846		20,200		15,000	20,900		20,900		
328	MEALS & RELATED EXPENSE											
	30		200		220		220	240		240		
511	PROFESSIONAL SERVICES											
	2,513		1,806		21,700		10,000	21,700		21,700		

TOTAL CLASS: 10 MATERIALS & SERVICES

	12,133		11,852		42,120		25,220	42,840		42,840	
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TOTAL PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

	1,141,472	9.00	1,238,752	9.00	1,353,902	9.00	1,290,136	1,421,535	9.00	1,421,535	9.00
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0711 ISD SYSTEMS & PROGRAMMING

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 082 INFORMATION SYSTEMS MANAGER
- 102 SUPVR COMMUNICATIONS ANALYST
- 104 BUSINESS ANALYST PROGRAMMER
- 275 TEMPORARY EMPLOYEES
- 283 APPLICATIONS DEVELOPMENT MANAGER
- 299 PAYROLL TAXES AND FRINGES
 PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 58.14% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
 34.14% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 23.22% FOR RETIREMENT CONTRIBUTIONS (28.45% PERS. 19.45% OPSRP GENERAL OR 24.08% OPSRP POLICE), AND 3.27% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET) 24.00% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
- 321 TRAVEL, TRAINING & SUBSISTENCE
 CONFERENCE HR/PAYROLL \$2,500
 CONFERENCE PSNET (POLICE RECORDS MANAGEMENT SYSTEM) (X2) \$4,000
 CONFERENCE JTI ECOURT (COURT) \$2,500
 ONLINE TRAINING SQL, VB.NET, ETC \$3,000
 SCRUM ALLIANCE SCRUM PRODUCT OWNER (X2) \$2,400
 SCRUM ALLIANCE SCRUM DEVELOPER (X2) \$3,200
 SCRUM ALLIANCE SCRUM MASTER (X1) \$1,300
 CITYWORKS CONFERENCE \$2,000
- 328 MEALS & RELATED EXPENSE
 MEALS ASSOCIATED WITH LOCAL MEETINGS AND SEMINARS \$240
- 511 PROFESSIONAL SERVICES
 ISD MANAGEMENT AND PROGRAMMING SERVICES:
 PROGRAMMING SUPPORT ON SQL/VB.NET SYSTEMS \$9,500
 MICROSOFT CALL SUPPORT \$1,200
 SUPPORT SQL2008/10/12/16 \$5,500
 SHAREPOINT \$5,000
 MOBILE DEVELOPMENT SUPPORT \$500

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 PERSONNEL SERVICES

221	SUPPORT SPECIALIST 2		53,502	1.00	54,839	1.00	54,495	57,077	1.00	57,077	1.00	
243	COMPUTER SERVICE TECHNICIAN		164,319	3.00	185,971	3.00	201,515	203,379	221,271	3.00	221,271	3.00
275	TEMPORARY EMPLOYEES		8,347									
287	INFORMATION SERVICES SPECIALIST		170,750	3.00	238,636	3.00	251,944	249,939	265,293	3.00	265,293	3.00
299	PAYROLL TAXES AND FRINGES		135,928		210,604		234,723	220,135	256,639		256,639	

TOTAL CLASS: 05 PERSONNEL SERVICES

	479,344	6.00	688,713	7.00	743,021	7.00	727,948	800,280	7.00	800,280	7.00
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CLASS: 10 MATERIALS & SERVICES

301	OFFICE EXPENSE		509	1,247	2,500		1,500	1,000		1,000	
304	DEPARTMENT EQUIPMENT EXPENSE		500	493	500		500	500		500	
305	SPECIAL DEPARTMENT SUPPLIES		40,364	39,261	40,000		40,000	40,000		40,000	
308	PERIODICALS & SUBSCRIPTIONS		212	770	600		500	600		600	
321	TRAVEL, TRAINING & SUBSISTENCE		6,333	5,821	6,400		6,597	6,400		6,400	
328	MEALS & RELATED EXPENSE		200	200	220		220	240		240	
330	MILEAGE REIMBURSEMENT				50		50	50		50	

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

- 221 SUPPORT SPECIALIST 2
 FY 17-18 REFLECTS A SUPPORT SPECIALIST 2 POSITION TRANSFERRING FROM THE MAYOR'S OFFICE PROGRAM 0537 TO ISD
- 243 COMPUTER SERVICE TECHNICIAN
 ONE POSITION MATRIXED TO THE LIBRARY.
- 275 TEMPORARY EMPLOYEES
 EXTRA HELP INTERN PROGRAM
- 287 INFORMATION SERVICES SPECIALIST
- 299 PAYROLL TAXES AND FRINGES
 PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 58.14% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
 34.14% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 23.22% FOR RETIREMENT CONTRIBUTIONS (28.45% PERS. 19.45% OPSRP GENERAL OR 24.08% OPSRP POLICE), AND 3.27% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
 24.00% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

- 301 OFFICE EXPENSE
 OFFICE SUPPLIES FOR THE DEPARTMENT (CONSOLIDATED ACCOUNTS) \$1,000
- 304 DEPARTMENT EQUIPMENT EXPENSE
 TECHNICIAN TOOLS AS REQUIRED \$500
- 305 SPECIAL DEPARTMENT SUPPLIES
 COMPUTER PAPER, RIBBONS, LABELS, TONERS, CABLING SUPPLIES, ETC \$40,000
- 308 PERIODICALS & SUBSCRIPTIONS
 TECHNICAL MANUALS AND TEXTS - CONSOLIDATED FOR ALL ISD PROGRAMS \$300
 WEB TEAM NAGW SUBSCRIPTION (GOVERNMENT WEB PROFESSIONALS) (2 X \$150) \$300
- 321 TRAVEL, TRAINING & SUBSISTENCE
 TECHNICAL COURSES COMMUNICATIONS AND SYSTEM SOFTWARE \$6,400
- 328 MEALS & RELATED EXPENSE
 MEALS ASSOCIATED WITH LOCAL MEETINGS AND SEMINARS \$240
- 330 MILEAGE REIMBURSEMENT
 MILEAGE REIMBURSEMENT FOR EMPLOYEE USE OF PERSONAL VEHICLE \$50

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

341	COMMUNICATIONS EXPENSE										
		187,957	206,520		279,923		260,000	154,880		154,880	

342	DATA COMMUNICATION EXPENSE										
		812	480		480						

371	EQUIPMENT OPER & MAINT EXPENSE										
		19,210	21,162		20,000		20,000	20,000		20,000	

511	PROFESSIONAL SERVICES										
		15,720	20,945		80,500		30,000	65,300		65,300	

536	MAINTENANCE CONTRACTS										
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

341	<p>COMMUNICATIONS EXPENSE</p> <p>CONTINUING GENERAL COMMUNICATIONS COSTS THAT SUPPORT ALL CITY FUNCTIONS</p> <p>PUBLIC COMMUNICATIONS CABLE ACCESS \$25,000</p> <p>INTERNET SERVICED PROVIDER CONNECTION THROUGH HILLSBORO \$21,000</p> <p>CELLULAR PHONE AIR TIME FOR 10 ISD PHONES @ \$540 PER MONTH \$6,480</p> <p>MACC ANNUAL TCI CHARGES \$600</p> <p>DESKTOP FAX SERVICES \$250</p> <p>VOICE OVER INTERNET PROTOCOL \$13,500</p> <p>MISCELLANEOUS CONNECTIONS \$4,200</p> <p>COMMUNITY CENTER/CITY HALL COMCAST INTERNET AND TV \$3,600</p> <p>WEB CERTIFICATES \$3,000</p> <p>MOBILE DEVICE MANAGEMENT \$5,000</p> <p>NETMOTION SOFTWARE (150 DEVICES) (3 YEAR DUE FY17-18) AND DIAGNOSTICS (1 YEAR) \$5,000</p> <p>JUNIPER EXTERNAL VITRUAL PRIVATE NETWORK \$400</p> <p>ARUBA WIRELESS NETWORK \$5,000</p> <p>VOIP MONTHLY BILLING \$50,000</p> <p>CONTINUING COMMUNICATIONS EXPENSE IN SUPPORT OF THE POLICE DEPARTMENT</p> <p>PORTLAND FIBER CONNECTION FOR POLICE SERVICES \$5,000</p> <p>NEIGHBORHOOD RESOURCE CENTERS (CANYON/STERLING/EOC/CITY HALL INTERNET/TV/MEDIATION) \$2,600</p> <p>CJIS TWO FACTOR AUTHENTICATION (300 DEVICES) \$4,250</p>
342	<p>DATA COMMUNICATION EXPENSE</p> <p>NO APPROPRIATION REQUESTED</p>
371	<p>EQUIPMENT OPER & MAINT EXPENSE</p> <p>COMPUTER EQUIPMENT PARTS AND COMPONENTS TO REPAIR AND REPLACE EXISTING</p> <p>COMPUTER HARDWARE AND OTHER RELATED COMPONENTS, EXTERNAL REPAIRS AND HARD RECOVERY. MINOR EQUIPMENT</p> <p>REPLACEMENT. \$20,000</p>
511	<p>PROFESSIONAL SERVICES</p> <p>CABLING FOR NEW INSTALLATIONS \$5,000</p> <p>RADIO/TELEPHONE/NETWORK/SANS AND COMMUNICATIONS CONSULTANT \$10,000</p> <p>SECURITY/SPAM AND VIRUS CONSULTANT \$7,500</p> <p>OFFICE 365 CONSULTANT \$20,000</p> <p>KNOWBE4 SECURITY AWARENESS TRAINING FOR CITY STAFF \$8,000</p> <p>DOMAIN CONTROLLER MIGRATION \$14,800</p>
536	<p>MAINTENANCE CONTRACTS</p>

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE
	340,452		538,121		668,280		700,000	806,620		806,620	

TOTAL CLASS: 10 MATERIALS & SERVICES

	612,269		835,020		1,099,453		1,059,367	1,095,590		1,095,590	
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

CONTINUING MAINTENANCE AGREEMENTS ON SYSTEM HARDWARE AND SOFTWARE AND DATA CONTRACTS;
 FINANCE SOFTWARE:

- UB SPRINGBROOK \$50,000
- GOVERNMENTJOBS NEOGOV HIGHLINE TRAINING AND CONSULTATION \$5,000
- GOVERNMENTJOBS NEOGOV HIGHLINE HR AND PAYROLL SOFTWARE ANNUAL MAINTENANCE \$50,000

CDD SOFTWARE:

- ZOOM GRANTS MAINTENANCE (X2) \$13,000
- BLUEBEAM SOFTWARE MAINTENANCE \$5,000

HUMAN RESOURCES SOFTWARE

- GOVERNMENTJOBS NEOGOV JOB RECRUITMENT SOFTWARE MAINTENANCE \$15,000

RECORDS MANAGEMENT SOFTWARE:

- SYMANTEC VAULT (EMAIL ARCHIVE) \$18,000
- HPTRIM \$62,000
- SMARSH TEXT MESSAGING ARCHIVE SOFTWARE MAINTENANCE \$25,000

PUBLIC WORKS SOFTWARE:

- WONDERWARE TELEMETRY \$8,000
- CITYWORKS WORK ORDER AND ASSET MGMT \$60,000
- CUES PIPE VIDEO INSPECTION \$6,000
- ENGINEERING TRANSOFT \$500
- RTA FLEET SOFTWARE \$9,000
- MARSHALL GIS STREET SWEEPER SYSTEM \$2,600
- VIRTUAL PROJECT MANAGER SYSTEM \$12,000

POLICE DEPARTMENT SOFTWARE:

- BPD WEBLEDS \$4,000
- BPD TELESTAFF \$5,000
- BPD PORTLAND IBIS FINGERPRINTING AND MORPHO TRUST \$1,000
- BPD CELLEBRITE/ACCESSMOBILE/KATANA/VARIOUS FORENSICS/TRANSUNION/ELCOM \$14,000
- BPD IA \$2,000
- BPD 911 WATCH \$1,200

ISD GENERAL LICENSING:

- VERITAS BACKUP \$2,600
- FIREWALL \$35,000
- CITRIX REMOTE \$6,500
- VIRTUAL SERVER HARDWARE (NETAPP) \$22,000
- VMWARE FOR VIRTUAL SERVERS \$8,000
- MAIL EXCHANGE REPORT \$600
- MCAFEE SECURE WEB \$4,000
- NEXUS SMARTNET \$13,000
- JUNIPER EXTERNAL WEB CONNECTIONS \$500
- MISCELLANEOUS MAINTENANCE COSTS \$6,000
- MCAFEE VIRUS CLIENT PROTECTION \$8,000
- PROOFPOINT URL MAINTENANCE \$13,500
- SHADOW PROTECT MAINTENANCE \$900
- ISD FLUKE NETWORK ANALYZER MAINTENANCE \$4,600
- ISD EXCHANGE 2016 LOAD BALANCER MAINTENANCE \$1,000
- PROOFPOINT SPAM, VIRUS CHECKER, URL, MOBILE APPS, EMAIL ENCRYPTION (YEARLY) \$80,000

MAYORS PROGRAMS SOFTWARE:

- EXTENSIS PHOTO MANAGEMENT MAINTENANCE \$5,000
- RECYCLING SALESFORCE SUBSCRIPTION RENWEAL \$5,000

NEW MAINTENANCE CONTRACTS FOR FY 2019-20:

- PSNET MAINTENANCE FOR POLICE (FORMERLY REGJIN MOVED FROM 341 ACCOUNT) \$90,000
- ECOSCONNET BACKFLOW FOR PUBLIC WORKS \$10,000
- ADOBE CREATIVE CLOUD ANNUAL LICENSES (\$830 PER USER) (X 14) \$11,620
- SPRINGBROOK SQL SUPPORT \$2,500
- SPRINGBROOK (ACCELA) UPGRADE IMPLEMENTATION \$70,000
- POLICE LEADS ONLINE PAWN SYSTEM \$10,500
- ZENCITY MAINTENANCE FOR MAYORS OFFICE \$24,000
- PUBLIC WORKS SENSUS SUPPORT FOR RADIO WATER METERS \$3,500

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
 DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
 PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	2017 - ACTUAL		2018 - ACTUAL		2019 BUDGETED		2019	2020 - RECOMD		2020 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

671	EQUIPMENT										
		249,045	198,075	514,555	494,295	184,565		184,565			

TOTAL CLASS: 15 CAPITAL OUTLAY

		249,045	198,075	514,555	494,295	184,565		184,565			
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CLASS: 25 TRANSFERS

816	TRSFERS TO REPROGRAPHICS FUND										
		1,908	1,487	1,663	1,663	1,651		1,651			

819	TRSFERS TO INSURANCE FUND										
		5,761	6,625	6,625	6,625	8,281		8,281			

TOTAL CLASS: 25 TRANSFERS

		7,669	8,112	8,288	8,288	9,932		9,932			
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CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

991	CONTINGENCY - UNRESERVED				75,463			34,169		34,169	
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996	RESERVE - EQUIPMENT REPLACEMT				80,000			60,000		60,000	
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TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

					155,463			94,169		94,169	
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TOTAL PROGRAM: 0712 ISD SYSTEM OPERATIONS

		1,348,327	6.00	1,729,920	7.00	2,520,780	7.00	2,289,898	2,184,536	7.00	2,184,536	7.00
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BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0712 ISD SYSTEM OPERATIONS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

671 EQUIPMENT
FY 2019-20 ADDITIONAL FUNDING FROM MACC 2018 FALL GRANTS FOR:
MICROWAVE LINK \$24,565
FY2019-20 BUDGET:
GENERAL SWITCH, COMMUNICATIONS AND SERVER REPLACEMENT \$40,000
VARONIS DATA MANAGEMENT TOOL \$120,000

816 TRSFERS TO REPROGRAPHICS FUND
ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS \$1,651

819 TRSFERS TO INSURANCE FUND
ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE. \$8,281

991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEMT
CONTINGENCY DEDICATED FOR FUTURE SYSTEM EQUIPMENT REPLACEMENT \$60,000

BP WORKSHEET & JUSTIFICATION

FUND: 603 INFORMATION SYSTEMS FUND
DEPT: 30 INFORMATION SYSTEMS DEPARTMENT
PROGRAM: 0713 ISD NEW PROJECTS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

317 COMPUTER EQUIPMENT

FOR FY 2019-20 PURCHASES:
REPLACEMENT OF 80 PC'S REPLACED DURING THE YEAR (WINDOWS 7/8/10) \$60,800
REPLACEMENT OF NETWORK PRINTERS AS THEY FAIL OR EXCEED USEFUL LIFE \$4,500
REPLACEMENT OF UNINTERRUPTED POWER SUPPLY (80 @ \$88 EA) \$7,040
REPLACEMENT OF "22" MONITORS (50 @ \$115 EA) AND DUAL MONITOR PROGRAM \$5,750
REPLACEMENT OF LAPTOPS (35 @ \$1500 EA) \$52,500
REPLACEMENT OF 10 VOIP PHONES \$4,000
REPLACEMENT OF NON-STANDARD SIZE MONITORS (5 @ \$500 EA) \$2,500
FUNDING AVAILABLE FOR MISCELLANEOUS EQUIPMENT REPLACEMENTS OR NEW EQUIPMENT \$10,000
PAPER CUT HARDWARE FOR ISD PRINTERS (CARRY OVER FROM FY18-19) \$28,000
COBWCCA 911 REPORTING SERVER REPLACEMENT \$5,200
COBEPO FILE SHARE REPLACEMENT \$5,200
COBRD4 VIRTUAL SERVER REPLACEMENT (COURT MIGRATION) \$8,800

318 COMPUTER SOFTWARE

UPGRADES FOR ENGINEERING SOFTWARE SUCH AS AUTOCAD (1 YEAR 2018) \$11,000
FUNDING FOR MISCELLANEOUS SOFTWARE PURCHASES SUCH AS MS PROJECT, PUBLISHING SW \$10,000
FUNDING FOR THE ANNUAL MICROSOFT LICENSES FOR CLIENT \$200,000
SOFTWARE SUPPORT FOR POLICE SYSTEMS \$20,000

671 EQUIPMENT

FUNDING AVAILABLE FOR MISCELLANEOUS EQUIPMENT REPLACEMENTS OR FOR NEW EQUIPMENT \$10,000