INFORMATION TECHNOLOGY DEPARTMENT

Department Goal

The goal of the 2007-2012 Capital Improvement Budget/Program is to continue to provide cost effective, innovative, reliable and timely technology services and solutions to the Municipality of Anchorage by:

- · Providing infrastructure necessary to support all computer systems
- Managing the life cycle of software and hardware to ensure performance and quality by keeping systems current and implementing new systems as required
- Leading and supporting the integration and electronic workflow between systems
- Assisting in business process reengineering by providing services to departments in the way of facilitation, analysis, design, and implementation support for new and existing systems
- Ensuring security, integrity, and availability of technology based systems
- Providing quality service and opportunities to improve in the area of reprographic, courier, and records management services

Program Statement

The department goal can be accomplished through proper IT planning and the investment in technology and services such that a return on that investment is achieved. The Information Technology Capital Improvement Budget/Program will be funded via a loan which will be repaid through allocations to departments.

This page left blank intentionally.

MUNICIPALITY OF ANCHORAGE Capital Improvement Program PROJECT LIST BY DEPARTMENT

_	Information Ted	chnol	ogy				
YEAF	R PROJECT TITLE (\$000's)		GO BONDS	FEDERAL GRANTS	STATE	OTHER SOURCES	TOTAL
CATE	GORY: Infrastructure		BONDS	GRANIS	GRANIS	SOURCES	REQUEST
_			0	0	0	204	204
2007			0	0	0	294	294
2007			0	0	0	30	30
2007			0	0	0	300	300
2007			0	0	0	450	450
2007			0	0	0	320	320
2007		TOTAL	0	0	0	200	200
CATE	Infrastructure	TOTAL	0	0	0	1,594	1,594
	GORY: Applications		İ	I.		ľ	i i
	E-GOVERNMENT		0	0	0	300	300
2007			0	0	0	40	40
	Applications	TOTAL	0	0	0	340	340
CATE	GORY: Integration						
2007	INTEGRATED LAND SYSTEM		0	0	0	1,150	1,150
2007	LEGACY SYSTEM INTEGRATION		0	0	0	275	275
2007	SW/HW REQUIREMENTS		0	0	0	500	500
	Integration	TOTAL	0	0	0	1,925	1,925
CATE	GORY: Business Process Re-Engineering						
2007	ASSEMBLY DOCUMENT MANAGEMENT		0	0	0	50	50
	Business Process Re-Engineering	TOTAL	0	0	0	50	50
TOTA	L FOR 2007		0	0	0	3,909	3,909
	GORY: Infrastructure						
2008	ENTERPRISE DATA SERVER SOFTWARE UPGRADE		0	0	0	30	30
2008			0	0	0	300	300
2008			0	0	0	300	300
2008			0	0	0	320	320
2008			0	0	0	100	100
2006	Infrastructure	TOTAL	0	0	0	1,050	1,050
CATE	GORY: Applications	IOIAL	U	U	U	1,030	1,030
						050	050
	E-GOVERNMENT		0	0	0	250	250
2008			0	0	0	40	40
	Applications	TOTAL	0	0	0	290	290
CATE	GORY: Integration		ı	i		1	
2008			0	0	0	1,150	1,150
2008			0	0	0	525	525
2008	SW/HW REQUIREMENTS		0	0	0	500	500
	Integration	TOTAL	0	0	0	2,175	2,175
CATE	GORY: Business Process Re-Engineering						
2008	ASSEMBLY DOCUMENT MANAGEMENT		0	0	0	25	25
	Business Process Re-Engineering	TOTAL	0	0	0	25	25
TOTA	L FOR 2008		0	0	0	3,540	3,540
CATE	GORY: Infrastructure						
2009	ENTERPRISE DATA SERVER SOFTWARE UPGRADE		0	0	0	210	210
	ENTERPRISE DATA STORAGE		0	0	0	250	250
	ENTERPRISE SERVER PROCESSOR UPGRADE/REPLACE		0	0	0	350	350
	MUNI-WIDE DESKTOP COMPUTER REPLACEMENT		0	0	0	300	300
	NETWORK		0	0	0	300	300
	SERVER CONSOLIDATION		0	0	0	320	320
	TELEPHONY SYSTEM UPGRADE		0	0	0	200	200
							200

MUNICIPALITY OF ANCHORAGE Capital Improvement Program PROJECT LIST BY DEPARTMENT

Information Technology								
YEAR	PROJECT TITLE	(\$000's)		GO BONDS	FEDERAL GRANTS	STATE GRANTS	OTHER SOURCES	TOTAL REQUES
CATE	GORY: Infrastructure	· · · /						
	In	frastructure	TOTAL	0	0	0	1,930	1,930
CATE	GORY: Applications						,	·
2009	E-GOVERNMENT			0	0	0	220	220
	GIS UPGRADE			0	0	0	20	20
	Ap	plications	TOTAL	0	0	0	240	24
CATE	GORY: Integration			L	Į.			
2009	INTEGRATED LAND SYSTEM			0	0	0	1,150	1,150
2009	LEGACY SYSTEM INTEGRATION			0	0	0	500	500
2009	SW/HW REQUIREMENTS			0	0	0	500	500
	lı	ntegration	TOTAL	0	0	0	2,150	2,15
CATE	GORY: Business Process Re-Enginee	ering		,				
2009	ASSEMBLY DOCUMENT MANAGEME	ENT		0	0	0	25	25
	Business Pr	ocess Re-Engineering	TOTAL	0	0	0	25	2
TOTAL	FOR 2009			0	0	0	4,345	4,345
CATE	GORY: Infrastructure							
2010	DISTRIBUTED STORAGE			0	0	0	144	14
2010	ENTERPRISE DATA SERVER SOFTV	VARE UPGRADE		0	0	0	50	50
2010	MUNI-WIDE DESKTOP COMPUTER F	REPLACEMENT		0	0	0	300	30
	NETWORK			0	0	0	300	300
2010	SERVER CONSOLIDATION			0	0	0	320	320
2010	TELEPHONY SYSTEM UPGRADE			0	0	0	300	300
		frastructure	TOTAL	0	0	0	1,414	1,414
	GORY: Applications				1			ı
	E-GOVERNMENT			0	0	0	100	100
2010	GIS UPGRADE			0	0	0	20	20
04754	_	pplications	TOTAL	0	0	0	120	120
	GORY: Integration						Т	I
	INTEGRATED LAND SYSTEM			0	0	0	500	500
2010	LEGACY SYSTEM INTEGRATION			0	0	0	800	800
2010	SW/HW REQUIREMENTS	-tt	TOTAL	0	0	0	500	500
CATE	ان GORY: Business Process Re-Enginee	ntegration	TOTAL	0	0	0	1,800	1,800
		-		1 0				l =
2010	ASSEMBLY DOCUMENT MANAGEME		TOTAL	0	0	0	50	50
TOTAL	FOR 2010	ocess Re-Engineering	IOIAL	0	0	0	50	2 20
	GORY: Infrastructure			0	0	0	3,384	3,384
				1 ^		^	450	4
	DISTRIBUTED STORAGE ENTERPRISE DATA SERVER SOFTV	VADE LIDCDADE		0	0	0	150 50	150
	MUNI-WIDE DESKTOP COMPUTER F			0	0	0	750	750
	NETWORK	ALI LAULIVILINI		0	0	0	450	45
	SERVER CONSOLIDATION			0	0	0	320	32
2011	TELEPHONY SYSTEM UPGRADE			0	0	0	100	10
	1	frastructure	TOTAL	0	0	0	1,820	1,82
CATE	GORY: Applications			<u> </u>			1	
	E-GOVERNMENT			0	0	0	125	12
2011	IE-GOVERINIVIENI							
	GIS UPGRADE			0	0	0	20	2

CATEGORY: Integration

MUNICIPALITY OF ANCHORAGE Capital Improvement Program PROJECT LIST BY DEPARTMENT

Information Technology								
YEAR P	ROJECT TITLE	(\$000's)		GO BONDS	FEDERAL GRANTS	STATE	OTHER SOURCES	TOTAL
CATEGORY: Integr	ration	(4000 3)		ВОМВЗ	GIVAIVIO	GIVAIVIO	SOURCES	REGUES
2011 INTEGRATE	D LAND SYSTEM			0	0	0	500	500
	STEM INTEGRATION			0	0	0	300	300
2011 SW/HW REC	QUIREMENTS			0	0	0	250	250
<u> </u>	Int	egration	TOTAL	0	0	0	1,050	1,050
CATEGORY: Busin	ess Process Re-Engineer	ing			•			
2011 ASSEMBLY	DOCUMENT MANAGEMEN	NT		0	0	0	25	25
	Business Pro	cess Re-Engineering	TOTAL	0	0	0	25	25
CATEGORY: Secur	rity							
2011 DISASTER F	RECOVERY			0	0	0	100	100
	S	ecurity	TOTAL	0	0	0	100	100
TOTAL FOR 2011				0	0	0	3,140	3,140
CATEGORY: Infras	tructure							
2012 DISTRIBUTE	ED STORAGE			0	0	0	150	150
2012 ENTERPRIS	E DATA SERVER SOFTWA	ARE UPGRADE		0	0	0	50	50
2012 MUNI-WIDE	DESKTOP COMPUTER RE	EPLACEMENT		0	0	0	750	750
2012 NETWORK				0	0	0	450	450
2012 SERVER CO	ONSOLIDATION			0	0	0	320	320
2012 TELEPHON	Y SYSTEM UPGRADE			0	0	0	100	100
	Infr	astructure	TOTAL	0	0	0	1,820	1,820
CATEGORY: Applie	cations							
2012 E-GOVERNI	MENT			0	0	0	125	125
2012 GIS UPGRA				0	0	0	20	20
	Арр	lications	TOTAL	0	0	0	145	145
CATEGORY: Integr	ration							
2012 INTEGRATE	D LAND SYSTEM			0	0	0	500	500
2012 LEGACY SY	STEM INTEGRATION			0	0	0	300	300
2012 SW/HW REC	QUIREMENTS			0	0	0	250	250
	Int	egration	TOTAL	0	0	0	1,050	1,050
CATEGORY: Busin	ess Process Re-Engineer	ing						
2012 ASSEMBLY	DOCUMENT MANAGEMEN	NT		0	0	0	25	25
	Business Pro	cess Re-Engineering	TOTAL	0	0	0	25	25
CATEGORY: Secur	rity							
2012 DISASTER F	RECOVERY			0	0	0	100	100
<u> </u>	S	ecurity	TOTAL	0	0	0	100	100
TOTAL FOR 2012				0	0	0	3,140	3,140
TOTAL FOR ALL YE	EARS: II	nformation Technolog	gy	0	0	0	21,458	21,458

2007 Capital Improvement Budget

Department	2007 Project Cost	Category		
Information Technology	\$000'S	Infras	tructure	
Project Title and Description	B = Bond F = Federal D= DOT/PF H = Heritage Land Bank I = Internal Chrgs N = Net Assets O = Other S = State Grant	O & M Cost	Debt Service	Community Council
DISTRIBUTED STORAGE Provide for a distributed storage among Municipal facilities.	I= 294	106.0	0.0	Areawide
ENTERPRISE DATA SERVER SOFTWARE UPGRADE Enterprise Data server software tools to enhance Data accessibility and integration with other Municipal platforms.	I= 30	11.0	0.0	Areawide
MUNI-WIDE DESKTOP COMPUTER REPLACEMENT Desktop computer life-cycle management	I= 300	108.0	0.0	Areawide
NETWORK Upgrade and converge voice and data to provide for video capabilities.	I= 450	162.0	0.0	Areawide
SERVER CONSOLIDATION Distributed server life-cycle management	I= 320	115.0	0.0	Areawide
TELEPHONY SYSTEM UPGRADE Upgrade to the system for network convergence. (IP Telephony)	I= 200	72.0	0.0	Areawide
z Infrastructure TOTAL	I= 1594	574.0	0.0	

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.
--

2007 Capital Improvement Budget

Department	2007 Project Cost	Category	1	
Information Technology	\$000'S	Applic	ations	
Project Title and Description	B = Bond F = Federal D= DOT/PF H = Heritage Land Bank I = Internal Chrgs N = Net Assets O = Other S = State Grant	O & M Cost	Debt Service	Community Council
E-GOVERNMENT Provide e-Government solutions for the citizens of Anchorage.	I= 300	108.0	0.0	Areawide
GIS UPGRADE Create GIS layers that are used by multiple agencies to minimize redundancies, fund periodic acquisition of imagery of the Municipality, & improve public access to GIS mapping information.	I= 40	14.0	0.0	Areawide
z Applications TOTAL	I= 340	122.0	0.0	

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.

2007

2007 Capital Improvement Budget

Department	2007 Project Cost	Category	1			
Information Technology	\$000'S	Integr	ation			
Project Title and Description	B = Bond F = Federal D= DOT/PF H = Heritage Land Bank I = Internal Chrgs N = Net Assets O = Other S = State Grant	O & M Debt Cost Service				Community Council
INTEGRATED LAND SYSTEM						
Provide a centralized approach to resource, land and permit management for multiple municipal agencies. Implement an automated and integrated land information system that will integrate disparate property, land, zoning and platting, permitting, inspection and compliance systems into one system using a common database.	I= 1150	415.0	0.0	Areawide		
LEGACY SYSTEM INTEGRATION						
Integrate disparate systems across the Municipality.	I= 275	99.0	0.0	Areawide		
SW/HW REQUIREMENTS						
Purchase and install infrastructure components to support the capital project program and an increasing demand on integration of data from various computer environments.	I= 500	180.0	0.0	Areawide		
z Integration TOTAL						
	I= 1925	694.0	0.0			

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.

2007

2007 Capital Improvement Budget

Department	2007 Project Cost	Category		
Information Technology	\$000'S	Busine	ess Proces	ss Re-Engineering
Project Title and Description	B = Bond F = Federal D= DOT/PF H = Heritage Land Bank I = Internal Chrgs N = Net Assets O = Other S = State Grant	O & M Cost	Debt Service	Community Council
ASSEMBLY DOCUMENT MANAGEMENT Fast access to Assembly Document Control submission processes. Faster processing of items submitted to the Assembly. Creation of automated agenda.	I= 50	18.0	0.0	Areawide
z Business Process Re-Engineering TOTAL	I= 50	18.0	0.0	

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.

2007

2007 Capital Improvement Budget

Department	2007 Project Cost	Category
Information Technology	\$000'S	
Project Title and Description	B = Bond F = Federal D= DOT/PF H = Heritage Land Bank I = Internal Chrgs N = Net Assets O = Other S = State Grant	O & M Debt Cost Service Community Council

zz Information Technology TOTAL

I= 3909 1408.0

0.0

For specific funding needed in later years, please review the same project name/description included in the Capital Improvement Program section.

Department	Category								
Information Technology	Infrastructu	ıre							
Project Title and Description	(\$000's) B=Bond S=State F=Federal O=Other D=DOT/PF H=Heritage Land Bank N=Net Assets I=Internal Charges								
Troject Thie and Beschphen	2007	2008	2009	2010	2011	2012			
DISTRIBUTED STORAGE Provide for a distributed storage among Municipal facilities.	I= 294			I= 144	I= 150	I= 150			
ENTERPRISE DATA SERVER SOFTWARE UPGRADE Enterprise Data server software tools to enhance Data accessibility and integration with other Municipal platforms.	I= 30	I= 30	I= 210	I= 50	I= 50	I= 50			
ENTERPRISE DATA STORAGE Expansion of Enterprise Hard Disk and Tape Drive Sub-assemblies to sustain data growth and archiving.			I= 250						
ENTERPRISE SERVER PROCESSOR UPGRADE/REPLACE Enterprise processor expansion or replacement to support increased application processor requirements.			I= 350						
MUNI-WIDE DESKTOP COMPUTER REPLACEMENT Desktop computer life-cycle management	I= 300	I= 300	I= 300	I= 300	I= 750	I= 750			
NETWORK Upgrade and converge voice and data to provide for video capabilities.	I= 450	I= 300	I= 300	I= 300	I= 450	I= 450			
SERVER CONSOLIDATION Distributed server life-cycle management	I= 320	I= 320	I= 320	I= 320	I= 320	I= 320			
TELEPHONY SYSTEM UPGRADE Upgrade to the system for network convergence. (IP Telephony)	I= 200	I= 100	I= 200	I= 300	I= 100	I= 100			

	2007-2012
--	-----------

Department	Category	Category							
Information Technology	Infrastructu	Infrastructure							
Project Title and Description		(\$000's) B=Bond S=State F=Federal O=Other D=DOT/PF H=Heritage Land Bank N=Net Assets I=Internal Charges							
Troject Title and Bescription	2007	2008	2009	2010	2011	2012			
z Infrastructure TOTAL	I= 1594	I= 1050	I= 1930	I= 1414	I= 1820	I= 1820			

	2007-2012
--	-----------

Department	Category					
Information Technology	Applications					
Project Title and Description	(\$000's) B=Bond S=State F=Federal O=Other D=DOT/PF H=Heritage Land Bank N=Net Assets I=Internal Charges					
Troject Title and Decemption	2007	2008	2009	2010	2011	2012
E-GOVERNMENT	I= 300	I= 250	I= 220	I= 100	I= 125	I= 125
Provide e-Government solutions for the citizens of Anchorage.						
GIS UPGRADE	I= 40	I= 40	I= 20	I= 20	I= 20	I= 20
Create GIS layers that are used by multiple agencies to minimize redundancies, fund periodic acquisition of imagery of the Municipality, & improve public access to GIS mapping information.						
z Applications TOTAL	I= 340	I= 290	I= 240	I= 120	I= 145	I= 145

2007-2012

Department	Category					
Information Technology	Integration					
Project Title and Description	(\$000's) B=Bond S=State F=Federal O=Other D=DOT/PF H=Heritage Land Bank N=Net Assets I=Internal Ch					
,	2007	2008	2009	2010	2011	2012
INTEGRATED LAND SYSTEM Provide a centralized approach to resource, land and permit management for multiple municipal agencies. Implement an automated and integrated land information system that will integrate disparate property, land, zoning and platting, permitting, inspection and compliance systems into one system using a common database.	I= 1150	I= 1150	I= 1150	I= 500	I= 500	I= 500
LEGACY SYSTEM INTEGRATION Integrate disparate systems across the Municipality.	I= 275	I= 525	I= 500	I= 800	I= 300	I= 300
SW/HW REQUIREMENTS Purchase and install infrastructure components to support the capital project program and an increasing demand on integration of data from various computer environments.	I= 500	I= 500	I= 500	I= 500	I= 250	I= 250
z Integration TOTAL	I= 1925	I= 2175	I= 2150	I= 1800	I= 1050	I= 1050

	2007-2012
--	-----------

Department	Category					
Information Technology	Business Process Re-Engineering					
Project Title and Description	(\$000's) B=Bond S=State F=Federal O=Other D=DOT/PF H=Heritage Land Bank N=Net Assets I=Internal Charges					
Troject Title and Description	2007	2008	2009	2010	2011	2012
ASSEMBLY DOCUMENT MANAGEMENT Fast access to Assembly Document Control submission processes. Faster processing of items submitted to the Assembly. Creation of automated agenda.	I= 50	I= 25	I= 25	I= 50	I= 25	I= 25
z Business Process Re-Engineering TOTAL	I= 50	I= 25	I= 25	I= 50	I= 25	I= 25

	2007-2012
--	-----------

Department	Category	Category				
Information Technology	Security					
Project Title and Description	(\$000's) B=Bond	S=State F=Federal	O=Other D=DOT/P	F H=Heritage Land E	Bank N=Net Assets	I=Internal Charges
r r sjeet r riie an a 2 ees rip ne r	2007	2008	2009	2010	2011	2012
DISASTER RECOVERY					I= 100	I= 100

To provide recovery of mission critical data and systems after major business interruption.

z Security TOTAL

I = 100

I= 100

	2007-2012
--	-----------

Department	Category					
Information Technology						
Project Title and Description	(\$000's) B=Bo	nd S=State F=Federa	al O=Other D=DOT/F	PF H=Heritage Land	Bank N=Net Assets	I=Internal Charges
	2007	2008	2009	2010	2011	2012
zz Information Technology TOTAL	I= 3909	I= 3540	I= 4345	I= 3384	I= 3140	I= 3140

2007-2012