MANAGEMENT INFORMATION SYSTEMS

Department Goal:

The goal of 1992-1997 CIP for the Management Information Systems Department is to continue to provide cost effective, quality computer processing and telecommunications services to the Municipality while at the same time reducing costs by (1) consolidation of application systems onto a single mainframe computer where appropriate, (2) integration of existing and new application systems to reduce redundant data entry, storage and management and (3) automation of after-hours computer operations where possible.

Program Statement:

This goal can be accomplished through the continued migration from the Data General systems, migration from the Honeywell systems and the procurement and implementation of various new software packages. All project costs will be funded via a commercial loan to Management Information Systems which will be repaid through realized savings and allocations to other departments.

REPORT NO. 16
AC8CO16R

MUNICIPALITY OF ANCHORAGE
CAPITAL IMPROVEMENT PROGRAM
PRIORITY LIST FOR Management Information Systems
DOLLARS IN (000s)

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YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	STATE GRANTS	OTHER SOURCES	TOTAL FUNDING REQUEST

CATEGORY: Management Information Systems

YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	STATE GRANTS	OTHER SOURCES	TOTAL FUNDING REQUEST
1992	TERMINAL/PC REPLACEMENTS	1			257	257
1992	PROGRAMMER WORK STATIONS	2			80	80
1992	ATU PROGRAMMER WORK STATIONS	3			35	35
1992	PRINTER REPLACEMENTS	4			276	276
1992	PLOTTER REPLACEMENT	5			20	20
1992	INFORMATION CENTER UPGRADES	6			65	65
1992	UPGRADE VAX 6410 TO 6420	7			65	65
1992	ADDITIONAL DISK STORAGE	8			53	53
1992	DEC/VAX NETWORK ENHANCEMENTS	9			140	140
1992	UPGRADE SECURITY SORTWARE	10			70	70
1992	INSTALL OFFICEVISION	11			122	122
1992	CICS/ESA SOFTWARE	12			220	220
1992	OFFICEVISION OS/2 LAN	13			20	20
1992	VS COBOL II COMPILER AND LIBRARY	14			78	78
1992	SOFTWARE DIAGNOSTIC TOOLS	15			40	40
1992	DEVELOPMENT SOFTWARE (PROTOTYPE AND SREEN	16			30	30
1992	INSTALL NETVIEW VERSION 2	17			140	140
1992	INSTALL INFORMATION/MANAGEMENT	18			64	64
1992	JCL CHECKING SOFTWARE	19			20	20
1992	DOCUMENTATION SOFTWARE	20			45	45
1992	SCHEDULING SOFTWARE OPC/ESA	21			87	87
1992	INSTALL "C" COMPILER	22			45	45
1992	IMPROVED DATA RECORDING CAPABILITY (IDRC)	23			50	50
1992	INSTALL VSAM RECOVERY SOFTWARE	24			32	32
1992	CULLINET ENTERPRISE DEC-VAX PRODUCTS	25			180	180
1992	REPORT DISTRIBUTION SOFTWARE	26			40	40
	CATEGORY TOTAL				2,274	2,274
	DEPARTMENT TOTAL FOR 1992				2,274	2,274
	TOTAL FOR 1992				2,274	2,274
1993	TERMINAL/PC REPLACEMENTS	1			100	100
1993	PROGRAMMER WORK STATIONS	2			70	70
1993	PRINTER REPLACEMENTS	3			75	75
1993	PROCESSOR MEMORY UPGRADE	4			500	500
1993	NETWORK UPGRADE	5			100	100
1993	INFORMATION CENTER UPGRADES	6			45	45
1993	PLOTTER REPLACEMENT	7			20	20
1993	AUTOMATED OPERATIONS SOFTWARE	8			50	50
1993	DATA BASE ENVIRONMENT STUDY	9			75	75
	CATEGORY TOTAL				1,035	1,035
	DEPARTMENT TOTAL FOR 1993				1,035	1,035

Amended and approved by the Assembly 2/11/92

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MUNICIPALITY OF ANCHORAGE
CAPITAL IMPROVEMENT PROGRAM
PRIORITY LIST FOR Management Information Systems
DOLLARS IN (000s)

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YEAR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	STATE GRANTS	OTHER SOURCES	TOTAL FUNDING REQUEST
	TOTAL FOR 1993				1,035	1,035
1994	TERMINAL/PC REPLACEMENTS	1			100	100
1994	PROGRAMMER WORK STATIONS	2			70	70
1994	PRINTER REPLACEMENTS	3			75	75
1994	INFORMATION CENTER UPGRADES	4			35	35
1994	PLOTTER REPLACEMENT	5			20	20
1994	NEW DATA BASE SYSTEM	6			360	360
	CATEGORY TOTAL				660	660
	DEPARTMENT TOTAL FOR 1994				660	660
	TOTAL FOR 1994				660	660
1995	TERMINAL/PC REPLACEMENTS	1			100	100
1995	PROGRAMMER WORK STATIONS	2			45	45
1995	PRINTER REPLACEMENTS	3			75	75
1995	INFORMATION CENTER UPGRADES	4			35	35
1995	PLOTTER REPLACEMENT	5			20	20
	CATEGORY TOTAL				275	275
	DEPARTMENT TOTAL FOR 1995				275	275
	TOTAL FOR 1995				275	275
1996	TERMINAL/PC REPLACEMENTS	1			100	100
1996	PROGRAMMER WORK STATIONS	2			45	45
1996	PRINTER REPLACEMENTS	3			75	75
1996	INFORMATION CENTER UPGRADES	4			35	35
1996	PLOTTER REPLACEMENT	5			20	20
	CATEGORY TOTAL				275	275
	DEPARTMENT TOTAL FOR 1996				275	275
	TOTAL FOR 1996				275	275
1997	TERMINAL/PC REPLACEMENTS	1			100	100
1997	PROGRAMMER WORK STATIONS	2			45	45
1997	PRINTER REPLACEMENTS	3			75	75
1997	INFORMATION CENTER UPGRADES	4			35	35
1997	PLOTTER REPLACEMENT	5			20	20
	CATEGORY TOTAL				275	275
	DEPARTMENT TOTAL FOR 1997				275	275

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MUNICIPALITY OF ANCHORAGE
CAPITAL IMPROVEMENT PROGRAM
PRIORITY LIST FOR Management Information Systems
DOLLARS IN (000s)

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AR	PROJECT TITLE	DEPT PRIORITY	GO BONDS	STATE GRANTS	OTHER SOURCES	TOTAL FUNDING REQUEST
	TOTAL FOR 1997				275	275
REPORT TOTAL FOR ALL YEARS					4,794	4,794

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
TERMINAL/PC REPLACEMENTS Provide for the replacement of outdated and obsolete terminals and personal computers.	O= 257		"Areawide"
PROGRAMMER WORK STATIONS Improve Application Services development staff productivity through the acquisition of personal computers, printers and software facilities; to include, application prototype and data base design capability at the technicians work station.	O= 80	4.0 0.0	"Areawide"
ATU PROGRAMMER WORK STATIONS Provide personal computers, printers, and related software for the applications services staff in support of ATU.	O= 35		"Areawide"
PRINTER REPLACEMENTS Replace outdated printers on network with graphics-capable printers. This will reduce maintenance costs, simplify network control, and expand functions available to users.	O= 276		"Areawide"
			1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
PLOTTER REPLACEMENT Provide for the replacement of obsolete plotters.	O= 20		"Areawide"
INFORMATION CENTER UPGRADES Acquire local area network, personal computer and software facilities for the MISD Information Center. These products will facilitate installation, testing, trouble shooting, and configuration evaluation/ verification for the client community.	O= 65	4.0 0.0	"Areawide"
UPGRADE VAX 6410 TO 6420 Upgrading the VAX 6410 to a model 6420 will increase the processing capacity of the 3500 Tudor Road Data Center. This will reduce the impact of machine downtime and provide improved response time for AWWU users.	O= 65		"Areawide"
			1992

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MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	**O&M COST** (000's)	**COMMUNITY COUNCIL - PRIORITY**
		DEBT SERVICE (000's)	1-Essential 2-Necessary 3-Desireable
ADDITIONAL DISK STORAGE VAX CLUSTER Addition of two (2) disk storage units to the VAX Cluster at the 3500 Tudor Road Data Center. This will provide for the increased user application requirements.	O= 53	4.0 0.0	"Areawide"
DEC/VAX NETWORK ENHANCEMENTS TI Bridges, hardware/software and work station for DEC/VAX network management.	O= 140		"Areawide"
UPGRADE SECURITY SORTWARE Install IBM RACF security product replacing two products: TOP SECRET and TIMS. This will allow us to take full advantage of new ESA software. It will greatly simplify installation and maintenance of operating system releases and reduce the security administration overhead by eliminating the requirement to define users to TSO.	O= 70		"Areawide"
			1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)		Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank		O&M COST (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
			DEBT SERVICE (000's)	
INSTALL OFFICEVISION New integrated SAA version of the OFFICE SUPPORT software. The user interface is greatly improved over current software and is consistent across all IBM platforms. Will eliminate requirements for multiple user ID's for PC users. Allows windowing into other mainframe applications while working in OfficeVision.	O=	122		"Areawide"
CICS/ESA SOFTWARE Install CICS/ESA Version 3. Enhances CICS capabilities by removing limits on growth of users, terminals, and applications. Provides improved response time by utilizing features of new system software and upgraded processor storage. Increased application, security and systems capabilities.	O=	220		"Areawide"
OFFICEVISION OS/2 LAN Install an OS/2 based LAN in order to facilitate the installation and maintenance of OS/2 based distributed applications such as OfficeVision.	O=	20		"Areawide"
				1992

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
VS COBOL II COMPILER AND LIBRARY Install new version of COBOL. This will improve programmer productivity by simplifying CICS and IDMS coding. It will also provide on-line debugging and many other programming enhancements. We will be able to take advantage of new hardware and software, interface with the new OfficeVision software, and bring the compiler up to IBM SAA and ASCI COBOL standards.	O= 78		"Areawide"
SOFTWARE DIAGNOSTIC TOOLS 1451 Acquire application diagnostic tools (software) to improve productivity of the application services staff; decrease client lost time due to application failures, and reduce the amount of time required for implementation of required system changes and enhancements.	O= 40		"Areawide"
			1992

Department Management Information Systems	1992 PROJECT COST (000's) S-State · B-Bond A-Assmt · D-D.O.T. F-Federal O-Other H-Heritage Land Bank		Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION			O&M COST (000's) DEBT SERVICE ·(000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
DEVELOPMENT SOFTWARE (PROTOTYPE AND SREEN DESIGN) Acquire productivity aid software products to facilitate application prototyping and terminal screen design in order to reduce the time required for application development and enhancement.	O=	30	1.0 0.0	"Areawide"
INSTALL NETVIEW VERSION 2 Provide enhanced network management software. Provide the ability to manage non SNA networks such as TCP/IP. Provide the basis for management of distributed systems. Provide the ability to monitor line utilization, graphical operator interface and improved network diagnostic tools.	O=	140		"Areawide"
				1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desireable
INSTALL INFORMATION/MANAGEMENT VERSION 4 Install Information/Management Version 4 to replace Version 3 which is withdrawn. This will provide improved user interfacing and our ability to customize the user interfaces. It will provide improved ability to interface the network monitor and the job scheduling/tracking software into the problem reporting/tracking function of information management.	O= 64		"Areawide"
JCL CHECKING SOFTWARE This software will perform syntax, consistency and standards checks against stored and submitted JCL.	O= 20	2.0 0.0	"Areawide"
DOCUMENTATION SOFTWARE Documentation software to display machine readable IBM documentation. It will also generate and display applications and systems documentation, standards and procedures.	O= 45	2.0 0.0	"Areawide"
			1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)		Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desirable	
SCHEDULING SOFTWARE OPC/ESA Acquire and install automated computer operations scheduling software to provide increased levels of automation in data center operations. This will provide for decreased manual intervention, improved reliability of batch processing and provide workload forecasts and current schedule reports.	O=	87		"Areawide"
INSTALL "C" COMPILER Install "C" compiler for systems software programming. Improve productivity of systems programming staff and reduce learning curve time for newer staff by eliminating need to learn the esoteric assembler language. "C" provides a high level language for systems work similar to COBOL or PLI, but usable for all systems code including internal systems exits, etc.	O=	45	2.0 0.0	"Areawide"
				1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)	Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	**O&M COST** (000's) **DEBT SERVICE** (000's)	**COMMUNITY COUNCIL - PRIORITY** 1-Essential 2-Necessary 3-Desireable
IMPROVED DATA RECORDING CAPABILITY (IDRC) IDRC will allow increased performance and capacity of cartridge tape drives. Benefits include reduced run-time for tape intensive jobs, and reduced tape costs, because each tape can hold up to 5 times the data. Also reduces processor utilization because data compression can be done by the tape subsystem rather than the host.	O= 50		"Areawide"
INSTALL VSAM RECOVERY SOFTWARE Provide ability to recover data from VSAM files and system catalogs. In particular, provide abliity to recover OFFICE SUPPORT and Application System (A/S) files in case of system failure.	O= 32	3.0 0.0	"Areawide"
CULLINET ENTERPRISE DEC-VAX PRODUCTS Software engineering tool for implementing production applications for the DEC-VAX environment.	O= 180		"Areawide"
			1992

MUNICIPALITY OF ANCHORAGE
1992 CAPITAL IMPROVEMENT BUDGET

Department Management Information Systems	1992 PROJECT COST (000's)		Category Management Information Systems	
PROJECT TITLE AND DESCRIPTION	S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank	O&M COST (000's) DEBT SERVICE (000's)	COMMUNITY COUNCIL - PRIORITY 1-Essential 2-Necessary 3-Desirable	
REPORT DISTRIBUTION SOFTWARE Provide improved report distribution software with the ability to "bundle" all reports destined for the same recipient. It will also provide the ability to print only the portion of a report required resulting in improved operator and courier efficiency.	O= 40		"Areawide"	
Sub-Total(s)	O= 2,274			
Category Total	2,274	22.0 0.0		
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Sub-Total(s)	O= 2,274			
Total for Management Information Systems	2,274	22.0 0.0		
			1992	

Department: Management Information Systems	Category: Management Information Systems					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
TERMINAL/PC REPLACEMENTS Provide for the replacement of outdated and obsolete terminals and personal computers.	O= 257	O= 100	O= 100	O= 100	O= 100	O= 100
PROGRAMMER WORK STATIONS Improve Application Services development staff productivity through the acquisition of personal computers, printers and software facilities; to include, application prototype and data base design capability at the technicians work station.	O= 80	O= 70	O= 70	O= 45	O= 45	O= 45
ATU PROGRAMMER WORK STATIONS Provide personal computers, printers, and related software for the applications services staff in support of ATU.	O= 35					
PRINTER REPLACEMENTS Replace outdated printers on network with graphics-capable printers. This will reduce maintenance costs, simplify network control, and expand functions available to users.	O= 276	O= 75	O= 75	O= 75	O= 75	O= 75
				1992 - 1997		

Department Management Information Systems	Category Management Information Systems					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	**1993**	**1994**	**1995**	**1996**	**1997**
PLOTTER REPLACEMENT Provide for the replacement of obsolete plotters.	O= 20	O= 20	O= 20	O= 20	O= 20	O= 20
INFORMATION CENTER UPGRADES Acquire local area network, personal computer and software facilities for the MISD Information Center. These products will facilitate installation, testing, trouble shooting, and configuration evaluation/ verification for the client community.	O= 65	O= 45	O= 35	O= 35	O= 35	O= 35
UPGRADE VAX 6410 TO 6420 Upgrading the VAX 6410 to a model 6420 will increase the processing capacity of the 3500 Tudor Road Data Center. This will reduce the impact of machine downtime and provide improved response time for AWWU users.	O= 65					
					1992 - 1997	

Department Management Information Systems	Category Management Information Systems					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
ADDITIONAL DISK STORAGE VAX CLUSTER Addition of two (2) disk storage units to the VAX Cluster at the 3500 Tudor Road Data Center. This will provide for the increased user application requirements.	O= 53					
DEC/VAX NETWORK ENHANCEMENTS TI Bridges, hardware/software and work station for DEC/VAX network management.	O= 140					
UPGRADE SECURITY SORTWARE Install IBM RACF security product replacing two products: TOP SECRET and TIMS. This will allow us to take full advantage of new ESA software. It will greatly simplify installation and maintenance of operating system releases and reduce the security administration overhead by eliminating the requirement to define users to TSO.	O= 70					
					1992 - 1997	

MUNICIPALITY OF ANCHORAGE
1992 – 1997 CAPITAL IMPROVEMENT PROGRAM

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
INSTALL OFFICEVISION New integrated SAA version of the OFFICE SUPPORT software. The user interface is greatly improved over current software and is consistent across all IBM platforms. Will eliminate requirements for multiple user ID's for PC users. Allows windowing into other mainframe applications while working in OfficeVision.	O= 122					
CICS/ESA SOFTWARE Install CICS/ESA Version 3. Enhances CICS capabilities by removing limits on growth of users, terminals, and applications. Provides improved response time by utilizing features of new system software and upgraded processor storage. Increased application, security and systems capabilities.	O= 220					
OFFICEVISION OS/2 LAN Install an OS/2 based LAN in order to facilitate the installation and maintenance of OS/2 based distributed applications such as OfficeVision.	O= 20					
					1992 – 1997	

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
VS COBOL II COMPILER AND LIBRARY Install new version of COBOL. This will improve programmer productivity by simplifying CICS and IDMS coding. It will also provide on-line debugging and many other programming enhancements. We will be able to take advantage of new hardware and software, interface with the new OfficeVision software, and bring the compiler up to IBM SAA and ASCI COBOL standards.	O= 78					
SOFTWARE DIAGNOSTIC TOOLS 1451 Acquire application diagnostic tools (software) to improve productivity of the application services staff; decrease client lost time due to application failures, and reduce the amount of time required for implementation of required system changes and enhancements.	O= 40					
				1992 - 1997		

Amended and approved by the Assembly 2/11/92

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
DEVELOPMENT SOFTWARE (PROTOTYPE AND SREEN DESIGN) Acquire productivity aid software products to facilitate application prototyping and terminal screen design in order to reduce the time required for application development and enhancement.	O= 30					
INSTALL NETVIEW VERSION 2 Provide enhanced network management software. Provide the ability to manage non SNA networks such as TCP/IP. Provide the basis for management of distributed systems. Provide the ability to monitor line utilization, graphical operator interface and improved network diagnostic tools.	O= 140					
					1992 - 1997	

Amended and approved by the Assembly 2/11/92

Department	Category					
Management Information Systems	Management Information Systems					

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
INSTALL INFORMATION/MANAGEMENT VERSION 4 Install Information/Management Version 4 to replace Version 3 which is withdrawn. This will provide improved user interfacing and our ability to customize the user interfaces. It will provide improved ability to interface the network monitor and the job scheduling/tracking software into the problem reporting/tracking function of information management.	O= 64					
JCL CHECKING SOFTWARE This software will perform syntax, consistency and standards checks against stored and submitted JCL.	O= 20					
DOCUMENTATION SOFTWARE Documentation software to display machine readable IBM documentation. It will also generate and display applications and systems documentation, standards and procedures.	O= 45					
					1992 - 1997	

MUNICIPALITY OF ANCHORAGE
1992 - 1997 CAPITAL IMPROVEMENT PROGRAM

Department Management Information Systems	Category Management Information Systems					
PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
SCHEDULING SOFTWARE OPC/ESA Acquire and install automated computer operations scheduling software to provide increased levels of automation in data center operations. This will provide for decreased manual intervention, improved reliability of batch processing and provide workload forecasts and current schedule reports.	O= 87					
INSTALL "C" COMPILER Install "C" compiler for systems software programming. Improve productivity of systems programming staff and reduce learning curve time for newer staff by eliminating need to learn the esoteric assembler language. "C" provides a high level language for systems work similar to COBOL or PLI, but usable for all systems code including internal systems exits, etc.	O= 45					
					1992 - 1997	

MUNICIPALITY OF ANCHORAGE
1992 - 1997 CAPITAL IMPROVEMENT PROGRAM

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	1992	1993	1994	1995	1996	1997
IMPROVED DATA RECORDING CAPABILITY (IDRC) IDRC will allow increased performance and capacity of cartridge tape drives. Benefits include reduced run-time for tape intensive jobs, and reduced tape costs, because each tape can hold up to 5 times the data. Also reduces processor utilization because data compression can be done by the tape subsystem rather than the host.	O= 50					
INSTALL VSAM RECOVERY SOFTWARE Provide ability to recover data from VSAM files and system catalogs. In particular, provide abliity to recover OFFICE SUPPORT and Application System (A/S) files in case of system failure.	O= 32					
CULLINET ENTERPRISE DEC-VAX PRODUCTS Software engineering tool for implementing production applications for the DEC-VAX environment.	O= 180					

(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank

1992 - 1997

Amended and approved by the Assembly 2/11/92

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
REPORT DISTRIBUTION SOFTWARE Provide improved report distribution software with the ability to "bundle" all reports destined for the same recipient. It will also provide the ability to print only the portion of a report required resulting in improved operator and courier efficiency.	O= 40					
PROCESSOR MEMORY UPGRADE To provide additional memory for the support of new applications.		O= 500				
NETWORK UPGRADE To provide improved data and voice communications facilities. Concurrent with the move to a new facility; provide for consolidation of multiple networks.		O= 100				
					1992 - 1997	

Amended and approved by the Assembly 2/11/92

Department	Category
Management Information Systems	Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
AUTOMATED OPERATIONS SOFTWARE To provide software which will reduce the requirements for operator intervention during systems and network operations. It will also provide for centralized operatons of facilities.		O= 50				
DATA BASE ENVIRONMENT STUDY Study, evaluate and recommend future DBMS environment.		O= 75				
NEW DATA BASE SYSTEM Purchase and install or upgrade to new technology.			O= 360			
				1992 - 1997		

MUNICIPALITY OF ANCHORAGE
1992 - 1997 CAPITAL IMPROVEMENT PROGRAM

Department: Management Information Systems	Category: Management Information Systems

PROJECT TITLE AND DESCRIPTION	(000's) S-State B-Bond A-Assmt D-D.O.T. F-Federal O-Other H-Heritage Land Bank					
	1992	1993	1994	1995	1996	1997
Sub-Total(s)	O= 2,274	O= 1,035	O= 660	O= 275	O= 275	O= 275
Category Total	2,274	1,035	660	275	275	275
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXXX
Sub-Total(s)	O= 2,274	O= 1,035	O= 660	O= 275	O= 275	O= 275
Total for Management Information Systems	2,274	1,035	660	275	275	275

1992 - 1997