

STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

February 20, 1997

CHANGE NOTICE NO. 34
 TO
 BLANKET PURCHASE ORDER NO. 071B4000144
 between Supersedes 0144
 THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909		TELEPHONE (517) 377-3900
		VENDOR NUMBER [REDACTED]
		BUYER (517) 335-0462 Christine Paul <i>CP</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB		
BPO PERIOD 22 Months From: December 1, 1993		To: September 30, 1999
TERMS Net 30 Days	SHIPMENT As Required	
F.O.B. Delivered	SHIPPED FROM N/A	
MINIMUM DELIVERY REQUIREMENTS N/A		

CHANGE(S):

Effective immediately, the attached Change Notices are incorporated into this contract:

- 1) Change #103 authorizes release of \$119,127.50 approved in Contract Change Notice #16; deliverable PDM-08 for \$3,477,236.00.
- 2) Change #104 authorizes release of \$20,784.00 approved in Contract Change Notice #16; deliverable PDM-08 for \$3,477,236.00.
- 3) Change #105 authorizes release of \$145,080.00 approved in Contract Change Notice #16; deliverable PDM-08 for \$3,477,236.00.
- 4) Change #106 authorizes release of \$5,910.00 approved in Contract Change Notice #16; deliverable PDM-08 for \$3,477,236.00.

Remaining balance of approved dollars for PDM-08 Contract Change Notice #16 becomes \$386,334.50.

071B4000144

CCN #34

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AUTHORITY/REASON:

Agency request 1/29/97; 2/5/97; 2/18/97

TOTAL CONTRACT VALUE REMAINS: \$69,930,527.69

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 103

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

ISSC will provide vendor maintenance and support for the DCDS Oracle Server products detailed below for the period 12/27/96 to 9/30/97.

DCDS Server Software:

**Oracle Net 1000 Concurrent Bronze
Oracle Server 1000 Concurrent Bronze
Oracle TCP/IP Concurrent Bronze**

B. Deliverables

Vendor maintenance and support on the listed products.

C. Costs

	Coverage	Price
DCDS Server Sfw:		
Oracle Net 1000 Concurrent	12/27/96 to 9/30/97	
Oracle Server 1000 Concurrent	12/27/96 to 9/30/97	
Oracle TCP/IP 1000 Concurrent	12/27/96 to 9/30/97	
		\$119,127.50

III. State Authorization

Check One:

This order shall be performed for the benefit of ***** AGENCY NAME GOES HERE ***** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: [Signature]
Title: ISSC Project Manager
Date: Dec 17, 1996

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Director, Tech Acq. Div
Date: 2/4/97

CHANGE AUTHORIZATION ORDER FORM

**Change Authorization Order for the Contract for Technology Services
Contract Number 0144**

Change Authorization Order Number 104

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

The State of Michigan has determined that a Development Environment will be required to support the development and testing of application changes to support Y2000. This environment will consist of a single CICS region with a set of source, load (OPGM and BPGM), JCL, bind parm, sysin, map, etc., libraries. This environment will also include a set of DB2 tables to support R*STARS and ADPICS applications. These Tables will be defined to the existing DB2A subsystem.

This environment will be configured using a high level quality of YMAIN.* for flat files and YMAINDB.* for DB2 datasets. The State will be responsible for controlling access to YMAIN.* datasets. This environment will not be integrated into the existing ChangeMan sybsystem. This environment will reside on the development LPAR.

A. Service Levels

Environment Availability

On-Line CICS

6am - 12pm Monday through Sunday,
7 days per week exclusive of maintenance
windows

Response Time

CICS Region

Response time in this region shall be measured and reported to the State. Response time will be summarized into four categories as follows:

- < .5 Seconds
- < 1 Second
- < 2 Seconds
- < 3 Seconds

B. Deliverables

OS-34 "Certification of Availability of the YMAIN Environment to support Year 2000 Development and Testing".

C. Costs

The State will be responsible for all Application Gigabytes and Application CPU Hours associated with the running of this environment.

The State will be responsible for a one time setup charge to establish the Agency Testing Environment as follows:

<u>Support Item</u>	<u>Setup Hours</u>	<u>Price/Hour</u>	<u>Total Price Setup</u>
CICS	40	96.00	3,840
DBA	80	85.00	6,800
I/M & SMC	16	75.00	1,200
SLG	8	75.00	600
DSM	30	96.00	2,880
NetView	16	96.00	1,536
Performance	8	96.00	768
ID	8	35.00	280
RACF	30	96.00	2,880
Totals	236		\$20,784

Should the State require a major re-work of the environment to accomplish other objectives, this new setup requirement would be handled through an additional change order.

It is understood by the parties that the current Year2000 Workplan requires significant modifications of the existing application. It is also understood that there will be a very significant workload to support the loading of test application data, setting up test batches, setting up of the IMAIN subsystem to support State acceptance testing, etc. These activities have the potential to require significant ISSC resources to complete. The parties may agree to enter additional change orders to support this application change if the cumulative effort exceeds one full time equivalent for six (6) months.

Schedule

ISSC will set up the YMAIN environment within three weeks of the State's approval of this change order.

III. State Authorization

Check One:

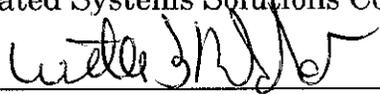
This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: 
Title: ISSC Project Manager

CHANGE AUTHORIZATION ORDER FORM

**Change Authorization Order for the Contract for Technology Services
Contract Number 0144**

Change Authorization Order Number 105 revised

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

Please Note: This Change Order replaces ISSC Change Order 92r. For ease of reference, the changes effective December 12, 1996 have been italicized.

A. Scope

ISSC will provide operations support for the DCDS HP9000 Unix-based system for the State of Michigan's Human Resource System (HRS).

The hours of operation, from May 1, 1996 through August 30, 1996, will be:

Monday through Friday -- 7am to 6pm
Saturday and Sunday -- as needed

From August 31, 1996 through *December 11, 1996*, the hours will be:

Monday through Sunday -- 7am to 6pm
Other operational support required would be as needed

From December 12, 1996 through September 30, 1999, the hours will be:

*Monday through Friday -- 7am to 8pm
Saturday and Sunday -- 7am to 6pm*

ISSC will provide the "as needed" support with 48 hours notice from the State. Services will be provided at the State's Knapps Office Centre facility. "As Needed" requests should not exceed four (4) hours per week.

The services will include, but are not limited to,

- Support the print function and the distribution of reports to the window of the Knapps Computer Room
- Perform backups pursuant to ISSC/State of Michigan backup schedule
- Perform start and stop of the Oracle database daily
- Run the daily batch cycle
- Setup and maintain the following:
 - Tape Library
 - Problem/Change management through Information Management
 - Conduct weekly production meeting and schedule
 - Maintain inventory of paper and tape supplies

In addition, ISSC shall provide daily backup of the Security Server. The State of Michigan shall be responsible to set up the tape library, inventory and procedures and will train ISSC staff in these processes.

B. Deliverables

Biweekly Status Reports
Weekly Problem and Change Management Reports
Weekly Production Schedule

C. Costs

HRS DCDS Operations Services:

May 1996	\$3,680 for the month
June and July 1996	\$4,970 per month
<i>Aug through Nov 1996</i>	<i>\$6,260 per month</i>
<i>Every month thereafter</i>	<i>\$3,130 per month</i>

These prices are valid as long as the State maintains ISSC as the provider of operations support for the MIDB. If the State wishes to cancel the MIDB operations component but maintain these HRS operational services, ISSC will provide a separate change order to support this option.

This change order has two terms:

May 1, 1996 through September 30, 1997, and
October 1, 1997 through September 30, 1999

These terms are designed to be co-terminus with the MIDB operations component and notification requirements.

E. Assumptions

ISSC assumes the system is similar to the Management Information Data Base (MIDB) system that is currently maintained, the exception being that batch processing is required for the HRS.

III. State Authorization

Check One:

This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: William DeLoach
Title: Project Manager
Date: _____

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: Joseph D. Ching Jr.
Title: Director, Technology
Date: 2/24/97

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 106

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

The State of Michigan, under separate contract, has acquired Palace Guard's CICS/RACF, v2.2.1. This change order authorizes ISSC to install this product on the Michigan MAINFACS system. This software will be installed and defined on each LPAR in one CICS region [Development LPAR - CICST and Production LPAR - CICSP].

A. ISSC Responsibilities

1. Install Palace Guard software on Development LPAR and define to CICST.
2. Install Palace Guard software on Production LPAR and define to CICSP.
3. Set up initial security to allow the State of Michigan security administrator access to the administrative functions of CICS/RACF.

B. State of Michigan Responsibilities

1. Provide ISSC with a valid license of Palace Guard's CICS/RACF v2.2.1. All costs for maintenance and/or access fees are the responsibility of the State of Michigan.
2. The State will administer the product and will be responsible for developing and adhering to all security procedures associated with the use of this software.

C. Costs

The State will be responsible for all Application Gigabytes and Application CPU Hours associated with the running of this software.

The State will be responsible for a one time setup charge to install the Palace Guard Software:

<u>Support Item</u>	<u>Setup Hours</u>	<u>Price/Hour</u>	<u>Total Price Setup</u>
CICS	20	96 00	1,920
MVS	30	85 00	2,550
RACF	15	96 00	1,440
Totals	75		\$5,910

The current projection is that the on-going support of this software will be less than 2 hours per month. Should actual requirements exceed this, the State and ISSC may enter into an additional change order to cover the support requirement.

D. Deliverables

Installed CICS/RACF.

Schedule

ISSC will install CICS/RACF on the Development LPAR within two (2) weeks of the State's approval of this change order. Installation on the Production LPAR will be done within two (2) weeks of installation on the Development LPAR or later at the State's direction.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that

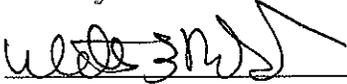
the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None

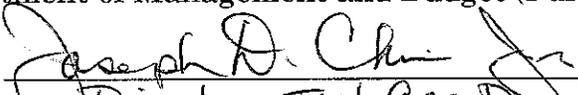
Integrated Systems Solutions Corporation

By: 
Title: ISSC Project Executive
Date: 1/24/97

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: 
Title: Director, Tech Acq Div
Date: 12/4/97

STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

February 3, 1997

CHANGE NOTICE NO. 33
 TO
 BLANKET PURCHASE ORDER NO. 071B4000144
 between Supersedes 0144
 THE STATE OF MICHIGAN
 and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900
	VENDOR NUMBER XXXXXXXXXX
	BUYER (517) 335-0462 Christine Paul <i>CP</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS Net 30 Days	SHIPMENT As Required
F.O.B. Delivered	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

CHANGE(S):

Effective immediately, the attached Change Number 96 authorizes release of \$2,800,000.00 approved in Contract Change Notice #16; deliverable #PDM-08 for \$3,477,236.00. Remaining balance of approved dollars for PDM-08 Contract Change Notice #16 becomes \$677,236.00.

AUTHORITY/REASON:

Agency request 1/29/97.

TOTAL CONTRACT VALUE REMAINS: \$69,930,527.69

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 96 revision 5

I. Effect on Contract

This Change Authorization Order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. Performance standards to be met by ISSC when providing services at a hot and/or cold site will be specified in the Disaster Recovery Plan to be developed and maintained under this Order and supersede the relevant performance standards in the Contract. Further, to the extent that additional terms and conditions relative to provision of Business Recovery Services are introduced by this Order, they do not amend the terms and conditions of the Contract with respect to other Services. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

Force Majeure

If a disaster is declared and Business Recovery Services (BRS) are provided according to the provisions of this Order, the Force Majeure provisions of the Contract are suspended. The other provisions of the Contract remain in full force, except as expressly modified by this Order. If the State chooses not to continue to utilize BRS under this Order from ISSC at any time subsequent to a disaster being declared under this Order, the Force Majeure provisions of the original contract shall no longer be suspended.

II. Description of Change - Overview

In accordance with the terms of the Contract, the State of Michigan's MAIN-FACS applications currently run on ISSC's processing facilities located in Boulder, Colorado. The Contract between ISSC and the State of Michigan contains an option for the State to purchase Business Recovery Services (BRS) Hot Site support. The purpose of this Order is to clarify and fully delineate

the scope of these services so as to provide the State of Michigan with a comprehensive solution for Business Recovery of the MAIN-FACS applications in the event of a Disaster at the Boulder facility or its successor(s) which prevents ISSC or its successor(s) from providing processing facilities to the State sufficient to meet the immediate needs of the State over an extended period of time (i.e., in excess of seventy-two hours).

This Order is organized into four sections which describe the scope of the services to be provided, the applicable terms and conditions, and the costs for each of these services. The sections are as follows:

A. Business Recovery Services (BRS)

This section describes the services to be provided by ISSC to the State of Michigan at the Disaster Recovery Site and the associated terms and conditions applicable to provision of such Business Recovery Services.

B. Disaster Planning and Testing

This section describes the planning and testing services provided by ISSC to ensure that the critical portions of the MAIN-FACS applications are recoverable in the event of a Disaster.

C. Disaster Recovery Project Costs

This section delineates the cost for the Services to be provided in connection with this Order.

D. Additional BRS Terms and Conditions

This section defines additional terms and conditions, including but not necessarily limited to, price increases, invoicing and payment, limits of liability, termination, multi-location discount, warranty and assignment, applicable to provision of BRS.

A. BUSINESS RECOVERY SERVICES (BRS)

1. Scope

For the term of this Order, ISSC will provide Business Recovery Services for the State of Michigan in the form of access to a mainframe Hot Site Recovery Center with the necessary equipment and processing capacity to recover the

critical elements of the MAIN-FACS applications should the mainframe site which currently processes such applications experience a Disaster and require access to a Recovery Site.

DEFINITIONS

The following definitions will apply with respect to BRS for the items set forth in bold type below.

Business Recovery Services are those services described in this Order.

Cold Site is a facility which includes a raised floor, air conditioning, electrical power, lighting, water cooling and safety and security systems necessary to install ISSC or State of Michigan supplied equipment sufficient to process the critical elements of the MAIN-FACS applications at the expiration of the permitted duration of Hot Site Services.

Cold Site Services is the Service to provide access to a Cold Site.

Configuration means the machines and equipment which ISSC and the State of Michigan mutually agree are necessary to process the critical elements of the MAIN-FACS applications. ISSC will classify the type of Configuration as "Large." Although what ISSC actually provides at the time of a Disaster may not be identical to the Configuration, it will be compatible with it and will provide equivalent or greater function.

Declaration is defined as the point in time when the State of Michigan, at its sole and reasonable discretion, determines that there is a Disaster which will cause an outage of the critical elements of the MAIN-FACS applications which, based on the advice of ISSC, is projected to exceed forty-eight (48) hours.

Disaster is any unplanned interruption of services of information processing at the location where the MAIN-FACS applications are running which significantly impairs the State's ability to perform critical functions of the MAIN-FACS applications and which, based on the advice of ISSC, is projected to exceed forty-eight (48) hours.

Disaster Recovery means the offsite restoration of vital business processes at a Hot Site Recovery Center during the immediate post Disaster period. Recovery of central processing with respect to critical MAIN-FACS applications will be at the Hot Site Recovery Center selected by ISSC at the time of Declaration of a Disaster.

Hot Site Recovery Center is the location where Business Recovery Services are performed, which include both testing and recovery in the event of a Disaster. A Hot Site Recovery Center includes the equipment in the Configuration or equivalent necessary to provide a recovery of all critical MAIN-FACS applications. This Hot Site is located at a Recovery Center.

Operational and Technical Assistance are those assistances provided at the Recovery Center both during the Disaster Recovery testing and during an actual Disaster Recovery.

Primary Recovery Site: The Hot Site Recovery Center designated by ISSC to serve the State of Michigan under normal circumstances. ISSC has the right to revise this designation upon thirty (30) days written notice to the State.

Recovery Center is an IBM facility where ISSC provides Business Recovery Services. ISSC may provide Business Recovery Services in a location other than the Primary Recovery Center.

Recovery Services (or Business Recovery Services) are those services described in this Order.

Recovery Site is an IBM facility where Business Recovery Services (sometimes referred to as Disaster Recovery Services) are provided.

Successful Disaster Recovery Test shall mean that the critical applications of the MAIN-FACS application were restored at the Recovery Site, the batch and online systems to access the critical applications were available and functional, and the Recovery Site was accessible to the Michigan MAIN-Network in Lansing, Michigan.

Subscription is a formal agreement with the State of Michigan to pay for Business Recovery Services.

Subsidiary is any branch of the State of Michigan as defined by the constitution or other applicable laws.

ISSC BRS Responsibilities

ISSC has the following responsibilities with respect to providing Business Recovery Services to the State of Michigan for its MAIN-FACS applications.

1. Provide, in recognition of the geographical distance from the Boulder Processing Facility to the State of Michigan, immediate notice to the

State of Michigan, via direct telephone contact with one or more of its designated representatives, of any Disaster which has occurred, which may occur, or of events which may lead to a Disaster, so that the parties may determine when and whether to declare a Disaster and may do so expeditiously to receive priority BRS.

2. Provide access to a Hot Site Recovery Center as soon as two (2) hours, but no longer than twenty-four (24) hours, after Declaration of a Disaster.
3. Provide use of the Hot Site Recovery Center designated at the time of Declaration for a maximum of six (6) consecutive weeks after a Disaster is Declared.
4. Provide priority access to a Hot-Site Recovery Center over:
 - Non-BRS customers;
 - BRS customers who have scheduled testing; and
 - BRS customers who subsequently declare a Disaster.
5. Provide the State of Michigan's equivalent Configuration or greater.
6. Provide office space at the Hot Site Recovery Center for the State of Michigan's use, as specified in this Order.
7. Provide operational and technical service and assistance sufficient to restore and operate all critical MAIN-FACS applications as defined by the Discovery Recovery Plan.

It is understood by ISSC that the Disaster Recovery Plan will be defined with an objective to recover critical MAIN-FACS applications within 72 hours of a declared disaster.

8. Provide Recovery Services at another Recovery Center or ISSC's own internal information processing facility if the Primary Recovery Center ISSC specifies is not available when a Disaster is declared.
9. Provide Cold Site Services if, after six weeks of operations in the ISSC Recovery Site, the State of Michigan continues to have a need for processing facilities for its MAIN-FACS applications because its normal processing facility is not yet available. The Cold Site will be provided on a priority access over other BRS customers who subsequently request Cold Site Services. Cold Site use beyond six (6) consecutive months is available for an additional charge as specified in this Order. Access to the Cold Site can be provided prior to the end of the six (6)

weeks of Hot Site usage. ISSC is responsible to install all equipment and make the site operational. ISSC is responsible to transfer and normalize the operation of MAIN FACS applications at the Cold Site.

10. Provide MCI DRS reserve T1 Line at the Knapps Office Centre, Lansing, Michigan.

State Of Michigan (SOM) Responsibilities

The State of Michigan has the following responsibilities with respect to BRS:

1. Notify the Recovery Center through ISSC at such time as the State of Michigan Declares a Disaster by contacting the ISSC personnel specified, in the manner specified, in the Disaster Recovery Plan developed and maintained under this Order.
2. Supply (through the ISSC existing Contract or an alternate provider) all personnel and programs necessary for testing and Disaster Recovery.
3. Furnish supplies, materials, and storage media which are not included in the scope of BRS or the Contract.
4. Follow the procedures established by the Hot Site (Disaster) Recovery Center, including those for safety and security.
5. Use the ISSC Recovery Center only during testing or immediately following Declaration of a Disaster.
6. Remove all State of Michigan data and programs from the Configuration after all periods of testing and of Business (Disaster) Recovery Services (provided through the ISSC existing Contract).
7. Support a test at a minimum of once a year.
8. The State acknowledges its responsibility to declare a disaster only when there is a reasonable expectation of an extended outage which will exceed 48 hours.

2. Services and Deliverables

- Primary Recovery Site:

IBM Business Recovery Center - Sterling Forest, New York

- Initial Recovery Configuration

The initial recovery Configuration delineated below is based on a Business Impact Analysis performed for the SOM by ISSC and accepted by the State dated June 1996.

Qty	Make	Model	Description
1	9021	822	IBM ES/9000 CPU (120 MIPS)
768	MAIN	STOR	IBM Large System Main Storage
2816	EXP	STOR	IBM Expanded Storage
27	3390	X3X	IBM Triple Capacity DASD (810 GIGS)
20	3490	X40	IBM Tape Cartridge Unit E-Series
1	3287	002	IBM Printer - 120 CPS
2	4245	020	IBM Line Printer - 2000 LPS
1	3174	11L	IBM Local Terminal Control Unit
20	3194	H10	IBM Operator Consoles
1	LINE	T1	MCI DRS Reserve Line
40	LINE	000	Analog Dial Line

The SOM may request a change to the Configuration on one month's written notice. If ISSC agrees, ISSC will confirm the change in a revised Order with applicable adjustments in charges based on the pricing model used in this Order. ISSC will not unreasonably withhold ISSC's agreement. The State may not request changes which cause the State's Configuration charge for the IBM machines (called the BRS Hot Site Charge) to decrease below the charge for the minimum available Configuration.

- Test Time

The SOM will have up-to forty-eight (48) hours of test time during the period from February 1, 1997 through January 31, 1998 and up to twenty-four (24) hours each following year for the duration of this Order. ISSC provides test time to allow the State of Michigan to (1) test the State of Michigan Disaster Recovery plan and procedures, and (2) verify the operation of the State of Michigan's critical MAIN-FACS applications on the Configuration. ISSC will make the Configuration available to the State of Michigan at a Recovery Center, without additional charge, for the amount of test time ISSC specifies. Test time is available in contiguous eight-hour blocks.

If the State is unable to successfully complete an annual test of its ability to operate the State of Michigan's critical MAIN-FACS applications on the Configuration at the test site due to the failure

of ISSC or the test site to properly perform under the terms of this Order, ISSC will make the Configuration available to the State of Michigan at a Recovery Center, without additional charge, for the amount of test time needed to successfully test the operation of the MAIN FACS applications.

The State of Michigan may not use test time for purposes of performing Production. Scheduling of test time will be as ISSC and the State of Michigan mutually agree. The State of Michigan agrees that ISSC may reschedule the State of Michigan test time to serve another BRS customer who has declared a Disaster.

If the State of Michigan requires additional test time beyond the test time specified in this Order, ISSC will provide such test time on an "as available" basis for a charge as delineated in this Order.

- Office Space or Work Area

 - Customer operations and I/O suite

 - 600 square feet general area

 - 18 telephones

 - Access during test periods and/or during the period of BRS following Declaration of a Disaster

- BRS Support Team provided by ISSC

 - ISSC will provide the following BRS Support Team, including but not limited to all needed operations staff for the Hot Site and Cold Site Services:

 - Customer Coordinator

 - Systems Programmer

 - Network Specialist

 - Others as needed

3. Term

Effective February 1, 1997 through September 30, 2003, with the option by the State to cancel BRS on thirty (30) days written notice.

B. DISASTER PLANNING AND TESTING

1. Scope

The scope of the Disaster Planning and Testing services is to develop a Disaster Recovery Plan (hereinafter the "Plan") for the SOM MAIN-FACS applications to reflect the recovery requirements of the Business Recovery Services Recovery Site and to test and maintain the Plan.

ISSC Responsibilities and Tasks

ISSC has the following responsibilities with respect to providing Business Recovery Services to the State of Michigan for its MAIN-FACS applications.

Disaster Recovery Plan

1. By May 15, 1997, update the current Plan and processes to reflect recovery at the designated Primary BRS Recovery Site.
2. Submit the revised draft Plan to the ISSC project office and the SOM for review and approval.
3. By June 15 1997, present the revised Disaster Recovery Plan to the SOM.
4. The Table of Contents of the existing Disaster Recovery Plan is included in Attachment One.

Disaster Recovery Plan Maintenance

1. Annually, on or before September 30th of each year beginning in 1997, on a date mutually agreed by ISSC and the State, conduct a kickoff meeting with the disaster recovery team.
2. Work with team members to update the applicable sections of the Plan including but not necessarily limited to:
 - ISSC call out list
 - Hardware configuration
 - Software configuration
 - Network configuration
 - Vendor requirements
 - Verify vital applications

3. Contact alternate BRS site(s) for available test dates.
4. Ensure the following procedures and others as needed are updated:
 - Operations
 - Network
 - Application Recovery
 - Help Desk
 - DR Teams
 - Emergency Contact Listing
 - Declaration Authorization
 - Vital Record Recall
 - Systems Support
 - DASD Management
 - Quick Reference Card
 - Roles and Responsibilities
 - Site Emergency Planning Guide
 - Disaster Recovery Plan for Site Facilities Services
5. Meet with designated SOM representatives for Disaster Recovery Plan Update, to verify and determine, among other things:
 - Identify who from the SOM participates in the declaration of a Disaster.
 - Update SOM call out list.
 - Verify offsite storage of tapes/procedures, if required.
 - Review vital application list.
 - Identify potential growth.
 - Identify point of contact.
 - Review and refine defined Roles and Responsibilities.
 - Define periodic status reviews.
 - Define periodic audits, if required.
 - Review and establish test dates for SOM.
6. Successfully Conduct an Annual Disaster Recovery Test.
 - Confirm test dates.
 - Identify disaster recovery team.
 - Obtain management/participant commitment (formal letter).
 - Schedule offsite vital record audit.
 - Roll up audit results to management.
 - Conduct a simulation test.
 - Conduct conference call with Recovery Site.

- Successfully use best efforts to conduct actual test at recovery site, including removing software and files from the Hot Site on behalf of the State at the conclusion of any tests.
 - Document and track findings to closure.
7. Use best efforts to restore normal operations of the MAIN FACS at a permanent site under the terms of the Contract within six months of the declaration of a disaster under this Order.

C. BUSINESS (DISASTER RECOVERY) SERVICES COSTS

1. BRS Subscription for Hot Site and Cold Site (up to six calendar months) availability and access.

The State of Michigan agrees to pay a monthly charge for a Subscription of \$27,856.00, based on the initial Configuration, with the first month's charges being payable by the last day of that month. Subsequent months will be invoiced in advance. The BRS Subscription Services shall begin on February 1, 1997.

Additional test time is 30% of the monthly Subscription charge for each additional eight hour block of time. Additional test time must be purchased in blocks of eight (8) hours.

During a Disaster, Hot Site application DASD, CPU and Tape Usage charges will be billed using the then applicable Contract rates which would have prevailed under the Contract had a disaster not occurred and been declared under this Order.

Cold Site usage after six months will be billed with a surcharge of 20% of the monthly Subscription charge per day.

If a Disaster is Declared, or during regularly scheduled testing time, the State will not be charged for the cost of travel for ISSC personnel or its subcontractors to the recovery site.

ISSC shall charge the State \$30,000 for each Declared Disaster.

2. Disaster planning and testing is \$3,120 per month, payable monthly. Lansing MCI DRS Service cost is \$1,984 per month, payable monthly, and to begin when service is installed.

D. ADDITIONAL BRS TERMS and CONDITIONS

Price Increases

ISSC may increase rates and monthly charges for this BRS Subscription on three (3) months written notice, based on the percentage increase in its list prices applicable to all customers and subject to the Most Favored Customer provisions of the Contract. An increase applies on the first day of the invoice period on or after the effective date ISSC specifies in the notice.

Limits of Liability

The State's exclusive remedy and ISSC's entire liability for BRS are described in this section.

If, in the event of Declaration of a Disaster, after exercising ISSC's best efforts, ISSC is unable to provide the State BRS as described in section A above (excluding Test Time) within seventy-two (72) hours of the declaration of a disaster and the State elects not to accept those Services when ISSC can provide them, ISSC will pay the State an amount equal to the Total Monthly BRS Hotsite Charges the State paid for the preceding twelve (12) months of the Subscription. If this happens in the first year of the Change Order, ISSC shall pay the State twelve (12) times the Monthly BRS Hotsite charge. This is the State's exclusive remedy for failure by ISSC to provide the State BRS.

Termination

In accordance with Section 2.22d of the Contract, the State may terminate this Order, in whole or in part, at any time and for any reason without penalty (i.e., without liability for damages to ISSC or its subcontractor beyond the termination charges described in this order upon at least thirty (30) days prior written notice of termination to ISSC. If the State chooses to terminate this Order in part, the charges payable under this Order will be equitably adjusted to reflect those services that are terminated.

If the State terminates this Order before its end date, the State agrees to pay an adjustment charge. The adjustment charge is:

1. In the first 12 months of this Order, an amount equal to the BRS Hot Site Monthly Charge multiplied by a factor of "18" (i.e., 18 months of BRS services) less any amounts paid by the State during the first 12 months of the Order for BRS Hotsite services.

or

2. After the first 12 months of this Order, the lesser of the BRS Hot Site Monthly Charges remaining to complete the term of this Order; or the BRS Hot Site Monthly Charge multiplied by a factor of "6" (i.e., six months of BRS Services), whichever is less.

However, the State may terminate this Subscription, as of the effective date of a price increase, without paying adjustment charges, if the increase by itself, or when combined with prior announced increases, would increase the State's Total Monthly Charge by more than five percent, either (1) within the first year of this Order, or (2) for any 12-month period during the remaining Term of this Order.

If the State terminates this Order for non-performance or any other breach of the provisions of this Order by ISSC, the State will not owe or pay any adjustment charge for termination.

Multi-Location Discount

The State will receive a discount on the IBM Monthly Charge for each Subscription within the State business enterprise which qualifies for the multi-location discount. To qualify for the discount, the State must have two or more "eligible locations". ISSC bases the discount percent on the number of eligible locations. Eligible locations means separate buildings which are specified locations for which ISSC is to provide Configurations of the same class (Large or Mid-Range). For each Subscription qualifying for the discount, ISSC will specify the discount percent applicable to the IBM Monthly Charge.

Indemnification

ISSC shall indemnify and hold harmless the State and its subsidiaries against all claims, liabilities, losses, damages, and causes of action relating to bodily injury or damage to real property or tangible personal property arising out of the negligent acts or omissions of ISSC in the course of performance by ISSC of the provisions of this Change Order. This indemnification shall not apply to the extent, if any, that such bodily injury or damage to real property or tangible personal property is caused solely by the negligent acts or omissions of the State.

Assignment

The State agrees not to assign a Subscription or the State's right under it, delegate the State's obligations, or resell any Service without the prior written

consent of ISSC. The State may, however, assign a Subscription to a subsidiary within the State's enterprise without ISSC's prior written consent.

The State is solely responsible for the accuracy and adequacy of all Programs of its MAIN-FACS applications used in connection with the machines and equipment in the Configuration, their operation, and the results obtained from them. ISSC will follow reasonable security practices and procedures to protect the State's physical assets while they are in ISSC's Recovery Center. This paragraph does not replace any applicable terms and conditions concerning results and security that exist in the base Contract.

ISSC provides security at the Recovery Center that restricts access only to those persons authorized by either ISSC or the State of Michigan. This security will be in place 24 hours a day, seven days a week.

III. State Authorization

Check One:

This order shall be performed for the benefit of Department of Management and Budget (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

Integrated Systems Solutions Corporation

STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

October 15, 1996

CHANGE NOTICE NO. 32
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between **Supersedes 0144**
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900
	VENDOR NUMBER [REDACTED]
	BUYER (517) 335-0462 Christine Paul <i>Paul</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS Net 30 Days	SHIPMENT As Required
F.O.B. Delivered	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

CHANGE(S):

Effective immediately, the attached Change Authorization numbers 98 and 100 are hereby incorporated into this contract.

AUTHORITY/REASON:

Agency request 10/9/96.

TOTAL CONTRACT VALUE REMAINS: \$69,930,527.69

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 098 revised

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

Termination for convenience: In accordance with Section 2.22d of the Contract, the State may terminate this change order, in whole or in part, at any time and for any reason without penalty (i.e., without liability for damages to ISSC or its subcontractor beyond the termination charges described in this paragraph) upon at least thirty (30) days prior written notice of termination to ISSC. If the State chooses to terminate this Change Order in part, the charges payable under this change order will be equitably adjusted to reflect those services that are terminated.

II. Description of Change

A. Scope of work

Provide assistance to MAIN staff and central control agency management in planning, developing, executing and documenting of MAIN FACS application programs. This will include verification and review of other vendor written code, the testing of production ready code, the finding and implementing of performance fixes, the fixing of functional program bugs, the development of new programs where applicable, and the fixing of application program report bugs.

Provide assistance to MAIN staff in measuring the results of performance fixes and the impact of enhancement fixes. Provide design assistance to the development of a system to track and evaluate the priority of the application workload.

Work will be performed by resources to be identified by ISSC and approved by the State of Michigan. Work will be performed under the direction of the State of Michigan.

B. Deliverables

Work results will be documented in biweekly status reports. At a minimum, the effort is expected to pay for itself. A status report of the savings will be provided to the State.

C. Costs

Hours for each person are not to exceed an annual average of 45 hours per week. The table below defines the period of this change order for each person and the hourly rate per person.

Name	Period of service	Hourly Rate*
Saroj Prasad	10/01/96 to 9/30/97	\$96.00
Mike Junk	10/01/96 to 9/30/97	\$96.00
Satya Lanka	10/01/96 to 9/30/97	\$96.00
Sreenivas Reddy	10/01/96 to 9/30/97	\$75.00
Raju Avancha	10/01/96 to 9/30/97	\$75.00
Rashmi Redkar	10/01/96 to 9/30/97	\$75.00
Satyakant Evani	10/01/96 to 9/30/97	\$75.00
Sharmila Patke	10/01/96 to 9/30/97	\$75.00
Sunit Patke	10/01/96 to 9/30/97	\$85.00

* Subject to paragraph IV in Schedule C, ISSC is waiving the option at this time to increase the change order rates on which these hourly rates are based.

This change order is subject to a \$1,000,000 (one million dollars) maximum. ISSC and the State of Michigan will jointly review the progress on this change order by April 30, 1997.

D. Schedule

Work will begin on October 1, 1996 and be completed on September 30, 1997.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of "AGENCY NAME GOES HERE" (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to

the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

NONE

Integrated Systems Solutions Corporation

By: W. J. [Signature]
Title: Project Manager
Date: Sept 13, 1996

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Procurement Director - TAM/OOP
Date: 10/1/96

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 100

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

ISSC will provide vendor maintenance and support for the MIDB Server Hardware and Software Products detailed below for the period of one year. The maintenance will cover the period of 10/1/96 to 9/30/97.

MIDB Server Hdw:

**HP Base Hdw
Disk Upgrade 1994
Disk Upgrade 1995 - 1
Disk Upgrade 1995 - 2
Processor Upgrade - 1996
DAT Drives - 1996
Deltec UPS Base
Deltec UPS D-94
Deltec UPS D-95**

MIDB Server Sfw:

**HP Base Sfw
Oracle
Oracle -SQL*Forms
Parallel Query Option**

B. Deliverables

One year of vendor maintenance and support on the listed products. Maintenance will expire on the STK, CA Unicenter, SAS, and Cosort products on 10/1/96 and will not be renewed.

C. Costs

	Content Detailed	Coverage	Price
MIDB Server Hdw:			
HP Base Hdw	MIDB42A	10/1/96 to 9/30/97	
Disk Upgrade 1994	ISSC CO#19	10/1/96 to 9/30/97	
Disk Upgrade 1995 - 1	ISSC CO #58	10/1/96 to 9/30/97	
Disk Upgrade 1995 - 2	ISSC CO #70	12/1/96 to 9/30/97	
Processor Upgrade - 1996	ISSC CO #83	4/1/96 to 9/30/97	
DAT Drives - 1996	ISSC CO #89R	6/1/96 to 9/30/97	
TOTAL HP			\$68,506.44
Deltec UPS Base	MIDB42A	To 2/27/99	.00
Deltec UPS D-94	ISSC CO#19	To 9/18/99	.00
Deltec UPS D-95	ISSC CO #70	To 5/30/00	.00
MIDB Server Sfw:			
HP Base Sfw	MIDB 42B	10/1/96 to 9/30/97	\$20,795.27
Oracle	MIDB 45	10/1/96 to 9/30/97	\$237,848.89
Oracle -SQL*Forms	MIDB 45	10/1/96 to 9/30/97	\$688.89
Parallel Query Option	ISSC CO # 81	12/17/96 to 9/30/97	\$39828.49
TOTAL MIDB SERVER			\$367,667.98 ✓

Maintenance has not been renewed on the following and will expire on 9/30/96:

CA Unicenter
SAS
Cosort
STK

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC

hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: *W. E. Kelly*
Title: ISSC - PM
Date: 9/19/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: *Margaret J. Hill*
Title: Information Director - TRG/PO
Date: 10/11/96

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 137 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice may be considered in default of BPO.

STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

August 20, 1996

CHANGE NOTICE NO. 31
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between **Supersedes 0144**
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909		TELEPHONE (517) 377-3900
		VENDOR NUMBER [REDACTED]
		BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB		
BPO PERIOD 22 Months		From: December 1, 1993 To: September 30, 1999
TERMS Net 30 Days	SHIPMENT As Required	
F.O.B. Delivered	SHIPPED FROM N/A	
MINIMUM DELIVERY REQUIREMENTS N/A		

CHANGE(S):

The attached Change Authorization numbers 91 and 97 are hereby incorporated as part of this contract.

AUTHORITY/REASON:

Agency request 8/16/96.

CHANGE AUTHORIZATION ORDER FORM

**Change Authorization Order for the Contract for Technology Services
Contract Number 0144
Change Authorization Order Number 91 Second Revision**

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will order, receive, install and configure 100.68 additional gigabytes of IBM disk.

B. Deliverables

Deliverables will be:

- 7137-514-RAID 5 Disk Array Subsystem 4
 - 1045 - Five 4.19GB Disk Drives 4
 - 1500 - Enhanced Controller 4
 - 2008 - HP Series 800 Attach Kit Fast/Wide 2
 - 3001 - Multiple Attach Kit 2
 - 3006 - 4 MB Write Cache 4
 - 9007 - Hot Spare Factory Enable 4
 - 9994 - Pre-install 4

- 7015-R00-System Rack 1
 - 0153 - R00 Content Specify 4
 - 6091 - Raised Floor Bolt-Down 1
 - 6111 - PDU Select for BBU-1 Phase 1
 - 6150 - Battery Backup Option 1
 - 9300 - Language Group - English 1
 - 9800 - Linecord 1
- Additional I/O Slots and SCSI Adapters
- Two years of maintenance

C. Costs

Configuration and Services for the additional MIDB equipment:

<u>Item</u>	<u>Qty</u>	<u>Product Description</u>	<u>List Unit Price</u>	<u>Extended</u>	<u>State Price</u>
1.	1	HP-PB expansion module with 14 HP-PB I/O slots	10,500.00	10,500.00	8,332.64
2.	2	SCSI-2 adapter	1,295.00	2,590.00	2,055.42
3.	1	Dual bus converter	25,200.00	25,200.00	19,998.72
4.	4	7137-51Y DISK	47,237.50	188,950.00	149,988.51
5.	1	7015-R01 RACK	10,460.00	10,460.00	8,303.15
		* Shipping			
TOTALS			94,692.50	237,700.00	\$188,678.44

* ISSC will include copies of the shipping invoices that show actual shipping and handling costs upon invoicing the State for this change order.

The State of Michigan may order an additional 100.68GB of disk from IBM for delivery before the end of calendar year 1996 for the price of \$158,291.66.

D. GUARANTEE

1. IBM will provide a 90 day money back guarantee that states the following: "State of Michigan may return the storage solution for a full refund within 90 days should the State of Michigan be unhappy for any reason."

2. IBM offers a "Satisfaction Guarantee". Within one year of installation, if the State of Michigan is dissatisfied with the quality or reliability due to hardware failure, IBM will replace that machine with the same model. IBM hopes this offering will continue the long relationship IBM has enjoyed with the State of Michigan.

D. Schedule

The HP and IBM equipment will be ordered, received, installed, and configured upon agreement to do so.

E. Assumptions

All people resource requirements needed to integrate this equipment into practical use as MIBD hardware will be accomplished via the State MIBD team.

III. State Authorization

Check One:

This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: W. J. [Signature]
Title: Project Manager
Date: July 30, 1996

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: Margaret M. Fuller
Title: DIRECTOR - PROJECT DEVELOPMENT, IMPLEMENTATION AND MANAGEMENT DIVISION
Date: 8/19/96

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 97

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will provide the upgrade of existing FTP licenses to FTP OnNet and the extension of maintenance for these licenses for 12 additional months.

B. Deliverables

FTP vendor upgrade and product maintenance and support for the period detailed below.

C. Costs

*per attached spreadsheet
\$ 35,770.00 bsh*

For the upgrade of over 2500 licenses, \$14.00 per license. This includes extending the existing maintenance for 12 additional months.

III. State Authorization

Check One:

This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None

Integrated Systems Solutions Corporation

By: *M. Esch*
Title: ISSC PM
Date: 7/22/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: *Margaret M. Johnson*
Title: DIRECTOR - PROJECT DEVELOPMENT, IMPLEMENTATION
FIELD MANAGEMENT DIVISION
Date: 8/19/96

Upgrade to FTP's ON-NET
6/13/96

MAIN Customer	Contact	Department	No. Of Licenses	% of Total	Response	Upgrade	Maintenance through 12/97	Maintenance through 12/96
351-1	Ken Mitchell	Community Health	40	1%	N1	N		40
071-1	Frazier Mitchell	DMB	493	16%	N1	N		493
801-1	Jim Bradfield	Jobs Commission	12	0%	N2	Y	12	
151-1	Herschel Solomon	Civil Rights	50	2%	NR	Y	50	
751-f	D. Inglis	DNR	4	0%	NR	Y	4	
751-2		DNR	1	0%	NR	Y	1	
751-n	M. Anderson	DNR	1	0%	NR	Y	1	
313-1	Bill Howell	Education	277	9%	NR	Y	277	
431-1	Rick Bryant	Family Independence Agency	447	14%	NR	Y	447	
511-3	J. Wennerstein	Jacobetti Home for Veterans	6	0%	NR	Y	6	
675-1	Sandi Thorne	Labor	124	4%	NR	Y	124	
672-1	A. Lindberg	MESC	101	3%	NR	Y	101	
911-1	M. Desrochers	Michigan Senate	69	2%	N1	Y		69
511-1	D. Brewer	Military Affairs	21	1%	NR	N	21	
511-2	W. Postmus	Military Affairs	16	1%	NR	Y	16	
073-1	David Youngs	Office of Aging	14	0%	NR	Y	14	
910-1	Kim Jacobs	Office of Auditor General	38	1%	NR	Y	38	
551-1	J. Rademacher	State Police	257	8%	NR	Y	257	
791-1	Kathy Parkinson	Agriculture	132	4%	Y	Y	132	
111-1	Nicholas Lyon	Attorney General	3	0%	Y	Y	3	
275-1	Bob Parkinson	Bureau of Lottery	25	1%	Y	Y	25	
191-1	Mark Jaeger	Civil Service	338	11%	Y	Y	338	
472-1	Ken Winans	Corrections	87	3%	N2	Y	87	
676-1	Sandi Thorne	Labor - Funds Administration	12	0%	Y	Y	12	
070-1	Ken Hendrick	MAIN	507	16%	Y	Y	507	
271-1	Joe Kunk	Treasury	82	3%	Y	Y	82	
TOTALS			3157				2555	602
Estimated Cost:							\$35,770	
Response Key:	N1=> Will keep product but will not extend maintenance passed 12/96 N2=> Will turn product licenses back to main to distribute to other agencies NR=> No response. Assume the answer is yes. Y=> Responded yes they wanted maintenance extended.							

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice, may be considered in default of BPO

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

August 5, 1996

CHANGE NOTICE NO. 30
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between **Supersedes 0144**
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900
	VENDOR NUMBER <div style="background-color: black; width: 100px; height: 15px;"></div>
	BUYER (517) 373-7319 Billie Collins <i>bc</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS <p style="text-align: center;">Net 30 Days</p>	SHIPMENT <p style="text-align: center;">As Required</p>
F.O.B <p style="text-align: center;">Delivered</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

CHANGE(S):

The attached Change Authorization number 93 is hereby incorporated as part of this contract.

AUTHORITY/REASON:

Agency request 8/1/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 093

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

Termination for convenience: In accordance with Section 2.22d of the Contract, the State may terminate this change order, in whole or in part, at any time and for any reason without penalty (i.e., without liability for damages to ISSC or its subcontractor beyond the termination charges described in this paragraph) upon at least thirty (30) days prior written notice of termination to ISSC. If the State chooses to terminate this Change Order in part, the charges payable under this change order will be equitably adjusted to reflect those services that are terminated.

II. Description of Change

A. Scope of work

Provide assistance to Project MAIN staff and central control agency management in planning, developing, executing and documenting of MAIN FACS application programs. This will include verification and review of other vendor written code, the testing of production ready code, the finding and implementing of performance fixes, the fixing of functional program bugs, the development of new programs where applicable, and the fixing of application program report bugs.

Provide assistance to Project MAIN staff in measuring the results of performance fixes and the impact of enhancement fixes. Provide design assistance to the development of a system to track and evaluate the priority of the application workload.

B. Deliverables

Work results will be documented in biweekly status reports.

C. Costs

Hours for each person are not to exceed an annual average of 45 hours per week. The table below defines the period of this change order for each person and the hourly rate per person.

Name	Period of service	Hourly Rate
Raju Avancha	5/01/96 to 9/30/96	\$75.00
Rashmi Redkar	5/28/96 to 9/30/96	\$75.00
George Guy	5/24/96 to 9/30/96	\$75.00
Programmer	TBD to 9/30/96	\$75.00
Programmer	TBD to 9/30/96	\$75.00
Robert Scott, DBA	5/96 to 9/30/96	\$85.00

This change order may be extended for one year with a 30 day written notice from the State of Michigan to ISSC.

D. Schedule

Work will begin as soon as resources can be secured for this project.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of "AGENCY NAME GOES HERE" (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

NONE.

Integrated Systems Solutions Corporation

By: 
Title: Project Manager
Date: 5/24/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: Margaret M. Filler
Title: DIRECTOR - PROJECT DEVELOPMENT, IMPLEMENTATION
Date: 5/2/96 AND ALTERNATE PURCHASING DIVISION

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice may be considered in default of BPO.

**STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

July 10, 1996

**CHANGE NOTICE NO. 29
 TO
 BLANKET PURCHASE ORDER NO. 071B4000144
 between Supersedes 0144
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900 VENDOR NUMBER <div style="background-color: black; width: 100px; height: 15px;"></div> BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS <p style="text-align: center;">Net 30 Days</p>	SHIPMENT <p style="text-align: center;">As Required</p>
F.O.B. <p style="text-align: center;">Delivered</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

CHANGE(S):

The attached Change Authorization number 90 is hereby incorporated as part of this contract.

AUTHORITY/REASON:

Agency request 6/20/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 90

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will provide vendor maintenance and support for the MIDB Workstation Software Products detailed below. The details for each of the software products is included in the attachments. For each product, details are given on

- agency receiving the licenses
- originating purchase authorization
- the date of shipment
- the number of licenses
- the number of maintenance months to extend the support until 11/30/96
- agency total of licenses
- agency total maintenance months

B. Deliverables

Vendor product maintenance and support for the periods detailed for the listed products.

C. Costs

Number of Licenses	Product	Maintenance Months	Cost per Maintenance Month	Total Cost
2858	FTP for Windows	31344	\$ 1.00	\$ 31,344.00
31	FTP for OS/2	403	\$ 1.00	\$ 403.00
1543	ClearAccess	18760	\$ 1.67	\$ 31,329.20
1372	CTCBridge	15481	\$ 2.08	\$ 32,200.48
1881	Oracle SQL*Net	23132	\$ 4.15	\$ 95,997.80
148	Intercon	1535	\$ 2.50	\$ 3,837.50
48	Lightship/Lens Developer	573	\$ 37.50	\$ 21,487.50
248	Lightship/Lens - Client	1420	\$ 6.34	\$ 9,002.80
3	FCS Developer	42	\$ 100.00	\$ 4,200.00
3	FCS Client	42	\$ 9.50	\$ 399.00
3	TimeServer Developer	42	\$ 100.00	\$ 4,200.00
3	TimeServer Client	42	\$ 9.50	\$ 399.00
6	Command Center Developer	84	\$ 145.00	\$ 12,180.00
35	Command Center Client	270	\$ 25.25	\$ 6,817.50
	TOTAL			\$ 253,797.78

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of ***** AGENCY NAME GOES HERE ***** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an

authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

- FTP for Windows by Agency - 4 pages
- FTP for OS2 by Agency - 1 page
- Clear:Access by Agency - 5 pages
- CTCBridge by Agency - 3 pages
- Oracle by Agency - 4 pages
- Intercon by Agency - 2 pages
- Lightship/Lens Client by Agency - 2 pages
- Lightship/Lens Developer by Agency - 1 page
- Command Center Plus by Agency - 1 page
- Pilot Software Other by Agency - 1 page

Integrated Systems Solutions Corporation

By: *M. Eusele*
Title: *ISSC PM*
Date: *3/31/96*

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: *Mary Ann Jell*
Title: *Director - Project Development, Implementation*
Date: *AND MANAGEMENT DIVISION 7/10/96*

FTP by Agency

Agency	Contract No	Date	FTP 2.3	FTP MAIN	Mo MAINT	Total M Maint	Agency Licenses	Agency Tot M Maint
Attorney General	111B5000249	4/4/95	2	2	6	12		
Attorney General	111N5000002	10/31/94	1	1	13	13		
Civil Rights	94-E07010	8/30/94	50	50	13	650	3	25
Corrections	94-DT3057 49POL	8/31/94	87	87	13	1131	50	650
Department of Agriculture	791P5000004	1/24/95	1	1	9	9		
Department of Agriculture	791P5000037	3/15/95	1	1	6	6		
Department of Agriculture	791P5000139	4/26/95	2	2	6	12		
Department of Agriculture	791P5000154	4/26/95	1	1	4	4		
Department of Agriculture	94-BD0902 (P)	8/15/94	60	60	13	780		
Department of Agriculture	94-BD0902 (P)	8/17/94	59	59	13	767		
Department of Agriculture	94-BD1038	8/30/94	2	2	13	26		
Department of Civil Service	94-KV7758	8/18/94	300	300	13	3900	126	1604
Department of Civil Service	94-KV7816	9/15/94	38	38	13	494		
Department of Education	313N5001801	6/7/95	12	12	2	24		
Department of Education	94-S03154	10/31/94	5	5	11	55		
Department of Education	94-SO2496 (P)	7/29/94	125	125	13	1625		
Department of Education	94-SO2942	9/22/94	3	3	13	39		
Department of Labor	675P5000497	4/7/95	60	60	5	300	145	1743
Department of Labor	94-LD1602 (P)	8/18/94	8	8	13	104		
Department of Labor	94-LD1603 (P)	8/18/94	6	6	13	78		
Department of Labor	94-LD1604 (P)	8/18/94	35	35	13	455		
Department of Labor	94-LD2059	9/21/94	4	4	13	52		
Department of Labor	94-LK9054/LK9058	9/15/94	2	2	13	26		
Department of Military Affairs	94-MA3898 (P)	8/8/94	18	18	13	234	115	1015
Department of Military Affairs	94-MG2723	7/8/94	16	16	13	208		
							34	442

FTP by Agency

Department of Public Health	94-P46972 (P)	8/9/94	40	40	13	520	40	520
Department of Treasury	94-TK5402 (P)	8/8/94	40	40	13	520	40	520
DMB	94-AC2848 (P)	11/11/94	493	493	11	5423	493	5423
DMB - Project MAIN	CO & Letter	9/14/94	126	126	13	1638		
DMB - Project MAIN	Letter	9/14/94	11	11	13	143		
DMB - Project MAIN	Letter	Dec-93	10	10	13	130		
DMB - Project MAIN	Letter	2/1/94	40	40	13	520		
DMB - Project MAIN	Letter	3/15/94	300	300	13	3900		6331
DNR	94-GA9003	9/15/94	1	1	13	13	487	
DNR	94-GA9100	9/15/94	4	4	13	52		
DNR	94-GA9392	2/22/95	1	1	6	6		
Project MAIN - (DNR replace)	PDM-08	11/16/94	20	20	11	220	26	291
Jacobetti Home for Veterans	94-MM5011	8/18/94	6	6	13	78	6	78
Jobs Commission	94-RS1289	9/15/94	12	12	13	156		
Lottery	275N5000302/313	4/26/95	16	16	4	64	12	156
Lottery	275N5000398	8/29/95	2	2	0	0		
Lottery	94-TQ0353	7/29/94	7	7	13	91	25	155
MESC	672N5000037	11/11/94	40	40	9	360		
MESC	672N5001420	6/7/95	10	10	2	20		
MESC	672N5001752	8/29/95	30	30	0	0		
MESC	672N5001872	8/29/95	10	10	0	0		
MESC	94-LP2110	8/19/94	1	1	13	13		
MESC	94-LP2300	8/30/94	5	5	13	65		
MESC	94-LP2300 DUP	9/15/94	5	5	13	65		
Michigan Senate	95-1-9-4	3/3/95	6	6	6	36	101	523
Michigan Senate	95-2-13-7	2/22/95	9	9	6	54		
Michigan Senate	95-3-27-2	4/26/95	6	6	4	24		

FTP by Agency

Michigan Senate	95-3-8-1 (P)	3/15/95	1	1	6	6		
Michigan Senate	95-6-13-7	7/13/95	1	1	2	2		
Michigan Senate	95-6-6-2	6/23/95	3	3	2	6		
Michigan Senate	94-7-14-7 (P)	7/29/94	26	26	13	338		
Michigan Senate	94-7-20-2 (P)	8/18/94	1	1	13	13		
						53		479
Office of Auditor General	WA4617 (P)	7/29/94	14	14	13	182		
Office of Auditor General	WA4634	8/19/94	2	2	13	26		
Office of Auditor General	WA4669	9/15/94	2	2	13	26		
							18	234
Office of Services to the Aging	94-A95114	7/12/94	14	14	13	182		
							14	182
Social Services	431N5001056 (P)	1/26/95	60	60	8	480		
Social Services	431N5005562	4/26/95	15	15	4	60		
Social Services	431N5008149	7/17/95	135	135	2	270		
Social Services	431N5008483	8/29/95	40	40	0	0		
Social Services	94-FD4616 (P)	8/31/94	1	1	13	13		
Social Services	94-FD4620 (P)	9/15/94	4	4	13	52		
Social Services	94-FD4620 (P)	8/31/94	181	181	13	2353		
Social Services	94-FD7698	9/15/94	1	1	13	13		
							437	3241
State Police	551N5000094 (F)	1/4/95	7	7	8	56		
State Police	551N5000230	3/13/95	7	7	6	42		
State Police	551N5000315	3/15/95	1	1	6	6		
State Police	551N5000905 (F)	7/17/95	2	2	2	4		
State Police	551N5000905 (P)	7/17/95	2	2	4	8		
State Police	551N5001154	8/29/95	14	14	0	0		
State Police	94-NS1684 (P)	8/19/94	66	66	13	858		
State Police	94-NS1811	10/21/94	12	12	11	132		
State Police	94-NS1812	10/31/94	2	2	11	22		
State Police	94-NS1813	10/21/94	15	15	11	165		
State Police	94-NS1814	10/31/94	8	8	11	88		
State Police	94-NS1815	10/21/94	8	8	11	88		
State Police	94-NS1816	10/31/94	2	2	11	22		
State Police	94-NS1817	10/31/94	10	10	11	110		
State Police	94-NS1818	9/21/94	1	1	13	13		

FTP by Agency

State Police	94-NS1819	9/21/94	6	6	13	78		
State Police	94-NS1825	9/21/94	10	10	13	130		
State Police	94-NS1847	10/20/94	7	7	11	77		
State Police	94-NS1851	10/20/94	22	22	11	242		
State Police	94-NS1880	10/20/94	6	6	11	66		
							208	2207
SUB-TOTALS			2858	2858		31344	2858	31344

FTP 0 OS2 by Agency

Agency	Contract No	Date	FTP OS/2	FTP MAIN	Mo MAINT	Total M	Agency Licenses	Agency Tot M Maint
DMB - Project MAIN	Letter	1/1/94	30	30	13	390		
DMB - Project MAIN	CO	7/1/94	1	1	13	13	31	403
SUB-TOTALS			31	31		403	31	403

Clear:Access by Agency

AGENCY	PO Number	Date	Clear Access - Windows	MAINT	Clear Access - Macintosh	MAINT	MO MAINT	Total M Maint	Agency Licenses	Agency Tot M Maint
Attorney General	111N5000089	2/1/95			4	4	0	0		
Attorney General	94-JP6513	9/1/94			5	5	0	0		
Attorney General	95-JP6000	10/20/94			5	5	0	0		
Civil Rights	94-E07010	8/30/94	50	50			13	650	14	0
Civil Service	94-KV7815 (P)	8/31/94	190	190			13	2470	50	650
Commerce	631P5000688	6/7/95			3	3	0	0		
Commerce	94-CP5626 (F)	8/29/94	1	1			13	13		
Commerce	94-CP5627 (F)	9/14/94			1	1	0	0		
Commerce	94-CP5631 (F)	9/1/94			3	3	0	0		
Commerce	94-CP5631 (P)	8/30/94	3	3			13	39		
Commerce	94-CP5692 (F)	9/1/94			3	3	0	0		
Commerce	94-CP5692 (P)	8/30/94	1	1			13	13		
Commerce	94-CP5727	9/14/94			1	1	0	0		
Commerce	94-CP5729	8/30/94	6	6			13	78		
Commerce	94-CP5856	8/31/94	8	8			13	104		
Commerce	94-CP5914	9/14/94	2	2			13	26		
Commerce	94-CP5933	9/14/94	5	5			13	65		
Corrections	94-DT3057 49POLI	8/31/94	87	87			13	1131	37	338
Department of Agriculture	791P5000154	4/26/95					11	11	87	1131
Department of Agriculture	94-BD0902 (F)	8/29/94	28	28			13	364		
Department of Agriculture	94-BD1038	8/30/94	2	2			13	26		
Department of Labor	675P5000497	4/7/95	2	2			11	22	31	401
Department of Labor	94-LD1602 (P)	8/29/94	5	5			13	65		
Department of Labor	94-LD1603 (P)	9/1/94			3	3	0	0		
Department of Labor	94-LD1603 (P)	8/30/94	4	4			13	52		
Department of Labor	94-LK9054/LK9058	9/15/94	2	2			13	26		
Department of Labor	94-LD1604 (P)	9/1/94			2	2	0	0		
Department of Labor	94-LD1604 (P)	8/30/94	8	8			13	104	26	269
Department of Transportation	94-QK5364 (P)	8/31/94	14	14			13	182		

Clear: Access by Agency

Department of Transportation	94-QK5453		9/15/94	3	3	3	13	39	
Department of Transportation	95QK6453		4/13/95	1	1	11	11	11	
Department of Transportation	95QK6533		4/13/95	3	3	11	11	33	
Department of Transportation	95QK6621		3/9/95	3	3	11	11	33	
Department of Transportation	95QK6704		3/9/95	2	2	11	11	22	
Department of Transportation	95QK6733		4/13/95	20	20	11	11	220	
Department of Transportation	95QK6984		4/4/95	22	22	11	11	242	
Department of Transportation	95QK7412		8/8/95	46	46	11	11	506	
Department of Transportation	95QN7466		10/14/95	2	2	11	11	22	1310
DMB	94-AC2848 (P)		11/11/94	204	204	12	12	2448	
DMB	94-AC2848 (P)		11/11/94		2	0	0	0	206 2448
DMB Project MAIN	Letter		3/1/94	15	15	13	13	260	
DMB Project MAIN	PDM 08		3/21/95	35	35	11	11	385	
DMB Project MAIN - MIDB Pilot	PDM-08		12/13/94	25	25	11	11	275	
DMB Project MAIN - Training Rooms	PDM-08		11/29/94	42	42	12	12	504	1424
DNR	751P5001138		3/15/95	4	4	11	11	44	
DNR	751P5001233		3/17/95	3	3	11	11	33	
DNR	751P5001714		4/26/95	1	1	11	11	11	
DNR	751P5003067		10/14/95	8	8	11	11	88	
DNR	94-GA8869 (F)		9/14/94	1	1	13	13	13	
DNR	94-GA8872 (F)		8/30/94	7	7	13	13	91	
DNR	94-GA8873 (F)		8/31/94	5	5	13	13	65	
DNR	94-GA8874 (F)		8/31/94	3	3	13	13	39	
DNR	94-GA8875 (F)		8/30/94	5	5	13	13	65	
DNR	94-GA8876 (F)		8/30/94	5	5	13	13	65	
DNR	94-GA8877 (F)		9/14/94	3	3	13	13	39	
DNR	94-GA8878 (F)		8/31/94	66	66	13	13	858	
DNR	94-GA8879 (F)		9/14/94	2	2	13	13	26	
DNR	94-GA8880 (F)		8/29/94	25	25	13	13	325	
DNR	94-GA8881 (F)		8/31/94	3	3	13	13	39	
DNR	94-GA8882 (F)		8/31/94	5	5	13	13	65	
DNR	94-GA8883 (F)		8/31/94	30	30	13	13	390	
DNR	94-GA8884 (F)		8/31/94	13	13	13	13	169	
DNR	94-GA8885 (F)		8/30/94	4	4	13	13	52	
DNR	94-GA8886 (F)		8/29/94	11	11	13	13	143	
DNR	94-GA8887 (F)		8/29/94	1	1	13	13	13	
DNR	94-GA8888 (F)		8/29/94	15	15	13	13	195	

DNR	94-GA8929 (F)	8/31/94	14	14	14	13	182	
DNR	94-GA8988 (F)	9/14/94	1	1	1	13	13	
DNR	94-GA8997 (F)	8/31/94	15	15	15	13	195	
DNR	94-GA9160 (F)	8/30/94	1	1	1	13	13	
DNR	94-GA9170 (F)	8/31/94	6	6	6	13	78	
DNR	94-GA9243	9/14/94	1	1	1	13	13	
DNR	94-GA9259	9/14/94	9	9	9	13	117	
DNR	94-GA9260	9/14/94	1	1	1	13	13	
DNR	94-GA9285	9/14/94	6	6	6	13	78	
DNR	94-GA9290	9/14/94	3	3	3	13	39	
DNR	94-GA9317	9/15/94	3	3	3	13	39	
DNR	94-GA9392	2/22/95	1	1	1	11	11	281
Education	94-SO3154	10/31/94	2	2	2	13	26	
Education	94-SO2496 (F)	8/29/94	12	12	12	13	156	
Education	94-SO2942	9/22/94	3	3	3	13	39	
House Fiscal Agency	WG41334 (P)	9/15/94	21	21	21	13	273	17 221
House of Representatives	WH75990 (P)	9/14/94	25	25	25	13	325	21 273
Jobs Commission	94-RC0172	8/30/94	1	1	1	13	13	25 325
Jobs Commission	94-RS1289	9/15/94	7	7	7	13	91	8 104
Library	WL94-00596	9/29/94			7	7	0	7 0
Lottery	275N5000302/313	4/26/95	2	2	2	11	22	2 22
LSB	WLC1658 (P)	9/1/94			2	2	0	2 0
MESC	672N5001154	4/4/95	15	15	15	11	165	15 165
MH	94-H21540 (P)	8/29/94	25	25	25	13	325	
MH	94-H21608	9/14/94	2	2	2	13	26	
Michigan Senate	94-7-20-2 (P)	8/29/94	1	1	1	13	13	
Michigan Senate	95-2-13-7	2/22/95	7	7	7	11	77	
Michigan Senate	95-3-8-1 (P)	3/15/95			2	2	0	10 90
Military Affairs	511P5001301	2/16/95	14	14	14	11	154	

Clear Access by Agency

Military Affairs	94-MA3898 (F)	8/29/94	3	3	13	39	17	193
Office of Auditor General	WA4617 (P)	8/29/94	14	14	13	182		
Office of Auditor General	WA4669	9/15/94	2	2	13	26	16	208
Office on Aging	073N5000061	3/20/95	8	8	11	88	8	88
Public Health	94-P46972 (P)	8/29/94	14	14	13	182	14	182
Senate Fiscal	94-7-14-7 (P)	8/29/94	24	24	13	312	24	312
Social Services	431N5001056 (P)	12/16/94	10	10	11	110		
Social Services	94-FD4616 (P)	8/31/94	1	1	13	13		
Social Services	94-FD4620 (P)	8/31/94	20	20	13	260		
State	94-IX0984 (P)	8/31/94	55	55	13	715	31	383
State Police	551N5000094 (P)	12/16/94	4	4	11	44	55	715
State Police	551N5000230	3/13/95	2	2	11	22		
State Police	551N5000315	3/15/95	1	1	11	11		
State Police	551N5000689	4/26/95	2	2	11	22		
State Police	551N5000905	7/17/95	1	1	11	11		
State Police	94-NS1684 (F)	8/31/94	12	12	13	156		
State Police	94-NS1811	10/21/94	2	2	13	26		
State Police	94-NS1812	10/31/94	2	2	13	26		
State Police	94-NS1813	10/21/94	2	2	13	26		
State Police	94-NS1814	10/31/94	2	2	13	26		
State Police	94-NS1815	10/21/94	1	1	13	13		
State Police	94-NS1816	10/31/94	2	2	13	26		
State Police	94-NS1817	10/31/94	1	1	13	13		
State Police	94-NS1825	9/21/94	2	2	13	26		
State Police	94-NS1847	10/20/94	2	2	13	26		
State Police	94-NS1851	10/20/94	2	2	13	26		
State Police	94-NS1880	10/20/94	2	2	13	26	42	526
Supreme Court	SCA0-95104	2/16/95	2	2	11	22	2	22
Treasury	94-TK5402 (P)	8/29/94	40	40	13	520	40	520

Clear: Access by Agency

SUB-TOTALS			1495	1495	48	48	18760	1543	18760
								1543	

Agency	Contract No	Date	CTC-WIN	CTC	WIN	CTC-UP	CTC	CTC MAIN	IMAC	Core	CoreMAIN	CTC-UP	CTC-MAIN	Total Product	Total Maint	Mo Maint	Total M Maint	Agency Licenses W/TH MAINT	Agency Tot M Maint
Attorney General	111N5000071	12/13/94	0	0	0	0	0	0	0	5	5	0	0	5	8	5	40	5	40
Auditor General	WA4634	8/19/94	2	2	5	0	0	0	0	0	0	0	0	7	12	7	84	7	84
Civil Rights	94-E07010	8/30/94	50	50	0	0	0	0	0	0	0	0	0	50	12	50	600	50	600
Commerce	631P5000139	1/26/95	1	1	0	0	0	0	0	0	0	25	25	26	7	26	182	26	182
Department of Agriculture	791P5000004	1/24/95	1	1	0	0	0	0	0	0	0	0	0	1	7	1	7	7	7
Department of Agriculture	791N5000021	1/24/95	1	1	0	0	0	0	0	0	0	0	0	1	7	1	7	7	7
Department of Agriculture	791P5000154	4/26/95	1	1	0	0	0	0	0	0	0	0	0	1	4	1	4	4	4
Department of Agriculture	94-BD0902 (P)	8/15/94	63	63	0	0	0	0	0	0	0	0	0	63	12	63	756	12	756
Department of Agriculture	94-BD1038	8/30/94	2	2	0	0	0	0	0	0	0	0	0	2	12	2	24	24	24
Department of Corrections	94-DT3057 49POL	8/31/94	82	82	0	0	0	0	0	0	0	0	0	82	12	82	984	12	984
Department of Corrections	94-DT3150	9/15/94	5	5	0	0	0	0	0	0	0	0	0	5	11	5	55	11	55
Department of Corrections	94-DT2828	9/22/94	125	125	0	0	0	0	0	0	0	0	0	125	11	125	1375	11	1375
Department of Corrections	94-DT3149- POLL	9/28/94	1	1	0	0	0	0	0	0	0	0	0	1	11	1	11	11	11
Department of Corrections	94-DT4141	10/21/94	9	9	0	0	0	0	0	0	0	0	0	9	10	9	90	10	90
Department of Corrections	472N5027479	3/9/95	1	1	0	0	0	0	0	0	0	0	0	1	5	1	5	5	5
Department of Corrections	472N5041112	6/7/95	1	1	0	0	0	0	0	0	0	0	0	1	2	1	2	2	2
Department of Corrections	94-DT2828	8/4/94	275	275	0	0	0	0	0	0	0	0	0	275	13	275	3575	13	3575
Department of Corrections	94-DT3011 POLL	8/19/94	4	4	0	0	0	0	0	0	0	0	0	4	12	4	48	12	48
Department of Education	94-SO2496 (P)	7/29/94	4	4	0	0	0	0	0	0	0	0	0	4	4	4	52	4	52
Department of Labor	94-LD1603 (P)	8/18/94	1	1	0	0	0	0	0	0	0	0	0	1	12	1	12	12	12
Department of Labor	94-LD1604 (P)	8/18/94	5	5	0	0	0	0	0	0	0	0	0	5	5	5	60	5	60
Department of Labor	94-LD1602 (P)	8/18/94	8	8	0	0	0	0	0	0	0	0	0	8	8	8	96	8	96
Department of Labor	94-LD2059	9/21/94	2	2	0	0	0	0	0	0	0	0	0	2	11	2	22	11	22
Department of Labor	94-LD1604 (P)	9/1/94	0	0	0	0	0	0	0	0	0	0	0	2	12	2	24	12	24
Department of Mental Health	94-H21540 (P)	8/18/94	50	50	0	0	0	0	0	0	0	0	0	50	12	50	600	12	600
Department of Mental Health	94-H21573	8/30/94	9	9	0	0	0	0	0	0	0	0	0	9	12	9	108	12	108
Department of Military Affairs	94-MG2723	7/8/94	3	3	0	0	0	0	0	0	0	0	0	3	13	3	39	13	39
Department of Military Affairs	94-MA4058	8/18/94	0	0	6	6	0	0	0	0	0	0	0	6	6	6	72	6	72
Department of Military Affairs	94-MA4507	9/14/94	0	0	6	6	0	0	0	0	0	0	0	6	6	6	66	6	66
Department of Public Health	94-P46972 (P)	8/9/94	14	14	0	0	0	0	0	0	0	0	0	14	14	14	182	14	182
Department of Transportation	94-CK5364 (P)	8/19/94	3	3	0	0	0	0	0	0	0	0	0	3	12	3	36	12	36
Department of Transportation	94-CK6455	9/15/94	28	28	0	0	0	0	0	0	0	0	0	28	11	28	308	11	308
Department of Treasury	94-TK5402 (P)	8/8/94	40	40	0	0	0	0	0	0	0	0	0	40	13	40	520	13	520
DMB	94-AC2848 (P)	11/11/94	55	55	0	0	0	0	0	0	0	0	0	55	9	55	495	9	495
DMB - Project MAIN		3/1/94	15	15	0	0	0	0	0	0	0	0	0	20	14	20	280	14	280
DMB - Project MAIN	PDM-08	11/23/94	25	25	0	0	0	0	0	0	0	0	0	25	9	25	225	9	225
DNR	94-GA8887 (P)	7/29/94	1	1	0	0	0	0	0	0	0	0	0	1	13	1	13	13	13

CTC Bridge by Agency

State Police	94-NS1684 (P)	8/19/94	12	12	0	0	0	0	0	0	0	12	12	12	12	144	102	723
SUB-TOTALS			1295	1294	36	36	12	12	34	30	1377	1372	1372	15481	1372	144	12	144

Agency	Contract No	Date	WIN	MAC	SQL*NET	SQL*MAIN	SQL*NET	SQL*MAIN	MO MAINT	Total M	Agency Licenses	Agency Tot M
Attorney General	94-JP6513	9/1/94	0	0	5	5	13	65				
Attorney General	95-JP6000	10/20/94	0	0	5	5	13	65			10	130
Civil Rights	94-E07010	8/30/94	50	50	0	0	13	650			50	650
Civil Service	94-KV7815 (P)	8/31/94	190	190	0	0	13	2470			190	2470
Commerce	94-CF5626 (F)	8/29/94	1	1	0	0	13	13				
Commerce	94-CP5692 (P)	8/30/94	1	1	0	0	13	13				
Commerce	94-CP5631 (P)	8/30/94	2	2	0	0	13	26				
Commerce	94-CP5729	8/30/94	6	6	0	0	13	78				
Commerce	94-CP5856	8/31/94	8	8	0	0	13	104				
Commerce	94-CP5692 (F)	9/1/94	0	0	3	3	13	39				
Commerce	94-CP5631 (F)	9/1/94	0	0	3	3	13	39				
Commerce	94-CP5914	9/14/94	2	2	0	0	13	26				
Commerce	94-CP5902	9/14/94	5	5	0	0	13	65				
Commerce	94-CP5627 (F)	9/14/94	0	0	1	1	13	13				
Commerce	94-CP5727	9/14/94	0	0	1	1	13	13				
Commerce	631P5000688	6/7/95	0	0	3	3	13	39				
Commerce	631P5000980	10/17/95	1	1	0	0	2	2			37	470
Corrections	94-DT3057 49POL	8/31/94	87	87	0	0	13	1131			87	1131
Department of Agriculture	94-BD0902 (F)	8/29/94	29	29	0	0	13	377				
Department of Agriculture	791P5000154	4/26/95	1	1	0	0	8	8				
Department of Agriculture	791P5000419	10/17/95	3	3	0	0	2	6				
Department of Agriculture	94-BD1036	8/30/94	1	1	0	0	13	13			34	404
Department of Labor	94-LD1602 (P)	8/29/94	5	5	0	0	13	65				
Department of Labor	94-LD1603 (P)	8/30/94	4	4	0	0	13	52				
Department of Labor	94-LD1603 (P)	9/1/94	0	0	3	3	13	39				
Department of Labor	94-LD1604 (P)	8/30/94	8	8	0	0	13	104				
Department of Labor	94-LD1604 (P)	9/1/94	0	0	2	2	13	26			22	286
DMB	94-AC2848 (P)	11/11/94	207	207	5	5	13	2756			212	2756
DNR	94-GA8887 (F)	8/29/94	1	1	0	0	13	13				
DNR	94-GA8886 (F)	8/29/94	11	11	0	0	13	143				

Oracle by Agency

DNR	94-GA8888 (F)	8/29/94	15	15	0	0	13	195	
DNR	94-GA8880 (F)	8/29/94	25	25	0	0	13	325	
DNR	94-GA9160 (F)	8/30/94	1	1	0	0	13	13	
DNR	94-GA8885 (F)	8/30/94	4	4	0	0	13	52	
DNR	94-GA8875 (F)	8/30/94	5	5	0	0	13	65	
DNR	94-GA8876 (F)	8/30/94	5	5	0	0	13	65	
DNR	94-GA8872 (F)	8/30/94	7	7	0	0	13	91	
DNR	94-GA8874 (F)	8/31/94	3	3	0	0	13	39	
DNR	94-GA8881 (F)	8/31/94	3	3	0	0	13	39	
DNR	94-GA8873 (F)	8/31/94	5	5	0	0	13	65	
DNR	94-GA8882 (F)	8/31/94	5	5	0	0	13	65	
DNR	94-GA9170 (F)	8/31/94	6	6	0	0	13	78	
DNR	94-GA8884 (F)	8/31/94	13	13	0	0	13	169	
DNR	94-GA8929 (F)	8/31/94	14	14	0	0	13	182	
DNR	94-GA8997 (F)	8/31/94	15	15	0	0	13	195	
DNR	94-GA8883 (F)	8/31/94	30	30	0	0	13	390	
DNR	94-GA8878 (F)	8/31/94	66	66	0	0	13	858	
DNR	94-GA8869 (F)	9/14/94	1	1	0	0	13	13	
DNR	94-GA8988 (F)	9/14/94	1	1	0	0	13	13	
DNR	94-GA9243	9/14/94	1	1	0	0	13	13	
DNR	94-GA9260	9/14/94	1	1	0	0	13	13	
DNR	94-GA8879 (F)	9/14/94	2	2	0	0	13	26	
DNR	94-GA8877 (F)	9/14/94	3	3	0	0	13	39	
DNR	94-GA9290	9/14/94	3	3	0	0	13	39	
DNR	94-GA9285	9/14/94	6	6	0	0	13	78	
DNR	94-GA9259	9/14/94	9	9	0	0	13	117	
DNR	94-GA9317	9/15/94	3	3	0	0	13	39	
DNR	94-GA9392	2/22/95	1	1	0	0	10	10	
DNR	751P5001138	3/15/95	4	4	0	0	9	36	
DNR	751P5001233	3/17/95	3	3	0	0	9	27	
DNR	751P5001714	4/26/95	1	1	0	0	8	8	
DNR	751P5003587	10/17/95	1	1	0	0	2	2	
DNR	751P5003389	10/17/95	8	8	0	0	2	16	
DNR	751P5003066	10/17/95	8	8	0	0	2	16	
DNR	751P5002769	10/17/95	10	10	0	0	2	20	
								300	3567
Education	94-SO2496 (F)	8/29/94	12	12	0	0	13	156	
Education	94-SO2942	9/22/94	3	3	0	0	13	39	
Education	94-SO3154	10/31/94	2	2	0	0	13	26	
								17	221
Executive Office	071P5000287	1/26/95	0	0	16	0	0	0	
Executive Office	071P5001009	3/15/95	0	0	0	16	9	144	
House Fiscal Agency	WG41334 (P)	9/15/94	21	21	0	0	13	273	144

House of Representatives	WH75990 (P)	9/14/94	147	147	0	0	0	13	1911	21	273
Jobs Commission	94-RC0172	8/30/94	1	1	0	0	0	13	13		
Jobs Commission	94-RS1289	9/15/94	7	7	0	0	0	13	91	155	2015
Labor	94-LK9054/LK9058	9/15/94	2	2	0	0	0	13	26		
Labor	675P5000497	4/7/95	2	2	0	0	0	8	16		
Labor	675N5002227	10/17/95	11	11	0	0	0	2	22	15	64
Library	WL94-00596	9/29/94	0	0	1	1	13	13			
Lottery	275N5000302/313	4/26/95	2	2	0	0	0	8	16	1	13
LSB	WLC1658 (P)	9/1/94	0	0	2	2	13	26		2	16
Mental Health	391N5017680	10/17/95	37	37	0	0	0	2	74	2	26
Mental Health	94-H21540 (P)	8/29/94	75	75	0	0	0	13	975	112	1049
MESC	672N5001154	4/4/95	15	15	0	0	0	8	120	15	120
Michigan Senate	95-2-13-7	2/22/95	9	9	0	0	0	10	90		
Michigan Senate	95-3-8-1 (P)	3/15/95	1	1	0	0	0	9	9		
Michigan Senate	95-3-8-1 (P)	3/15/95	0	1	1	1	13	13			
Michigan Senate	95-6-13-7	7/13/95	1	1	0	0	0	5	5		
Michigan Senate	94-7-20-2 (P)	8/29/94	1	1	0	0	0	13	13	13	130
Military Affairs	511N5000531	1/19/95	4	4	0	0	0	10	40		
Military Affairs	511P5001301	2/16/95	14	14	0	0	0	10	140	18	180
Office of Auditor General	WA4617 (P)	8/29/94	14	14	0	0	0	13	182		
Office of Auditor General	WA4669	9/15/94	2	2	0	0	0	13	26	16	208
Office on Aging	073N5000030	1/4/95	1	1	0	0	0	10	10		
Office on Aging	073N5000061	3/20/95	8	8	0	0	0	9	72	9	82
Project MAIN	PDM08		0	0	199	199	13	2587			
Project MAIN	PDM 08	3/21/95	35	35	0	0	9	315			
Project MAIN	PDM 08	4/26/95	-35	-35	0	0	9	-315			
Project MAIN - EIS Pilot	PDM-08	11/21/94	5	5	0	0	13	65			
Project MAIN - MIDB Pilot	PDM-08	12/13/94	25	25	0	0	10	250			
Project MAIN - Training Rooms	PDM-08	11/29/94	42	42	0	0	13	546			
Project MAIN	PDM-01	Jan-94	30	30	5	5	14	490		306	3938

Intercon by Agency

Agency	Contract No	Date	Intercon	INTRMAIN	Mo MAINT	Total M Mo	Agency Licenses	Agency Tot M Maint
Attorney General	94-JP6513	9/1/94	5	5	12	60		
Attorney General	95-JP6000	10/20/94	5	5	12	60		
Attorney General	111N5000069	1/4/95	2	2	11	22		
Attorney General	111N5000124	2/12/95	15	0	11	0		
Attorney General	111N5000283	6/16/95	5	5	5.5	27.5	17	169.5
Department of Commerce	94-CP5626 (P)	8/18/94	1	1	12	12		
Department of Commerce	94-CP5627 (P)	8/18/94	2	2	12	24		
Department of Commerce	94-CP5631 (P)	8/19/94	5	5	12	60		
Department of Commerce	94-CP5633	8/31/94	4	4	12	48		
Department of Commerce	94-CP5692 (F)	9/1/94	8	8	12	96		
Department of Commerce	94-CP5631 (F)	9/1/94	23	23	12	276		
Department of Commerce	94-CP5727	9/14/94	1	1	12	12		
Department of Commerce	631P5000220	2/23/95	1	1	10	10		
Department of Commerce	631P5000232	2/23/95	1	1	10	10		
Department of Commerce	631P5000233	2/23/95	1	1	10	10		
Department of Commerce	631P5000893/948	9/12/95	1	1	2.5	2.5		
Department of Commerce	631P5000943	9/12/95	8	8	2.5	20		
Department of Commerce	631P5001145	9/21/95	1	1	2.5	2.5	57	583
Department of Labor	94-LD1603 (P)	9/1/94	3	3	12	36		
Department of Labor	94-LD2059	9/21/94	2	2	12	24		
Department of Labor	94-LD1604 (P)	9/1/94	2	2	12	24		
DMB	94-AC2848 (P)	11/11/94	10	10	12	120		
DMB - Project MAIN		1/1/94	5	5	12	60	10	120
DMB - Project MAIN	PDM-08	11/21/94	4	4	12	48		
Governor's office	94VB1206NH	12/xx/94	4	4	12	48	9	108
Jobs Commission	801N6000065	11/27/95	2	2	0	0	4	48

Intercon by Agency

Legislative Service Bureau	WLC 1658 (P)	8/18/94	8	8	12	96	2	0
Legislative Service Bureau	WLC1658 (P)	9/1/94	5	5	12	60		
Library	WL94-00596	9/29/94	6	6	12	72	13	156
Library	WL94-00596	8/29/95	4	4	3.5	14		
MESC	672N5000398	1/18/95	3	3	11	33	10	86
Michigan Senate	94-7-20-2 (P)	8/18/94	10	10	12	120	3	33
Michigan Senate	95-2-13-7	2/22/95	1	1	11	11		
Michigan Senate	95-3-8-1 (F)	5/22/95	2	2	7	14		
Michigan Senate	95-9-13-11 (P)	11/8/95	1	1	2.5	2.5		
Michigan Senate	95-9-13-11 (F)	11/27/95	2	2	0	0	16	147.5
SUB-TOTALS			163	148		1535	148	1535

Agency	Contract No	Date	LL	LL-MAINT	Mo MAINT	Total Maint	Agency License	Agency Total Maint
Auditor General	WA4617	2/12/95	1	1	6	6	1	6
Civil Rights	151N5000068	2/1/95	6	6	6	36	6	36
Civil Service	94-KV7815 (F)	10/20/94	10	10	11	110	10	110
Corrections	472N5021296	2/16/95	2	2	6	12	2	12
Department of State	231N5002002/2699	5/31/95	6	6	3	18	6	18
Department of Transportation	94-QK5364 (F)	1/18/95	1	1	7	7		
Department of Transportation	95QK6455	4/13/95	1	1	4	4		
Department of Transportation	95QK7124	5/31/95	1	1	3	3		
DMB	94-AC2848 (F)	1/6/95	7	7	7	49	7	49
House Fiscal Agency	WG41334 (F)	4/26/95	1	1	4	4		
House of Representatives	WH75990 (F)	4/30/95	124	124	4	496	124	496
Labor	94-LD1604 (F)	1/27/95	3	3	7	21		
Labor	94-LD1603 (F)	1/27/95	1	1	7	7		
Labor	94-LD1602 (F)	1/27/95	2	2	7	14		
Legislative Service Bureau	WLC 1658 (F)	1/31/95	2	2	7	14		
Mental Health	94H21540 (F)	4/26/95	7	7	4	28		
Michigan Senate	94-7-20-2 (F)	1/31/95	1	1	7	7		
Michigan Senate	95-2-13-7	2/22/95	2	2	6	12		
Michigan Senate	95-3-8-1 (P)	3/15/95	1	1	5	5		
Michigan Senate	95-6-13-7	7/13/95	1	1	1	1		
Military Affairs	511N5000531	1/19/95	4	4	7	28		
Office of Aging	073N5000030	1/4/95	1	1	7	7		

Lightship/Lens Developers by Agency

Agency	Contract No	Date	LL DEV	LLDEVMAIN	MO MAINT	Total MAINT	MO	Agency Licenses	Agency Total Maint
Development - PDM-01	PDM-01	3/1/94	15	15	14	210	210	15	210
Civil Service	94-KV7815 (F)	10/20/94	10	10	11	110	110		
Civil Service	94-KV7883	10/20/94	23	23	11	253	253	33	363
SUB-TOTALS			48	48		573	573	48	573

Command Center Plus by Agency

Agency	Contract No	Date	CC+	CC+MAINT	Mo	MAINT	Total Maint	Agency License	Agency Total Maint
Attorney General	111N5000089	2/1/95	1	1	1	6	6	1	6
Project MAIN	PDM-01	3/1/94	6	6	14	84	84	6	84
DMB	94-AC2848 (F)	1/6/95	1	1	7	7	7	1	7
Executive Office	071P5000287	1/26/95	16	0	7	0	0		
Executive Office	071P5001009	3/15/95	0	16	7	112	112	16	112
Labor	94-LD1603 (F)	1/27/95	3	3	7	21	21	3	21
Library	WL94-00596	8/29/95	1	1	1	1	1	1	1
MESC	672N5000398	1/18/95	3	3	7	21	21	3	21
Michigan Senate	95-2-13-7	2/22/95	1	1	6	6	6		
Michigan Senate	95-3-8-1 (P)	3/15/95	2	2	5	10	10		
Michigan Senate	95-6-13-7	7/13/95	1	1	2	2	2	4	18
SUB-TOTALS			35	35	270	270	270	35	270
LEFT									
Recounted									

Pilot Software - Other by Agency

Agency	Product	PO	Date	Licenses	MO Maintenance	
Project MAIN	FCS - Developer	PDM-01	Mar-94	3	14	42
Project MAIN	FCS - Client	PDM-01	Mar-94	3	14	42
Project MAIN	TimeServer - Developer	PDM-01	Mar-94	3	14	42
Project MAIN	TimeServer - Client	PDM-01	Mar-94	3	14	42
Project MAIN	Command Center - Developer	PDM-01	Mar-94	6	14	84

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice, may be considered in default of BPO

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

June 12, 1996

CHANGE NOTICE NO. 28
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between **Supersedes 0144**
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900 VENDOR NUMBER <div style="background-color: black; width: 100px; height: 15px;"></div> BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS <p style="text-align: center;">Net 30 Days</p>	SHIPMENT <p style="text-align: center;">As Required</p>
F.O.B. <p style="text-align: center;">Delivered</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

CHANGE(S):

The attached Change Authorization numbers 85R, 91, 92 and 95 are hereby incorporated as part of this contract.

AUTHORITY/REASON:

Agency request 5/22/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 85R

I. Effect on Contract

This Change Authorization Order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

Termination for Convenience: In accordance with Section 2.22d of the Contract, the State may terminate this Order, in whole or in part, at any time and for any reason without penalty (i.e., without liability for damages to ISSC or its subcontractor beyond the termination charges described in this paragraph) upon at least thirty (30) days prior written notice of termination to ISSC. If the State chooses to terminate this Order in part, the charges payable under this Order will be equitably adjusted to reflect those services that are terminated.

II. Description of Change - Overview

Currently, in accordance with the terms of the Contract, the State of Michigan is running its MAIN-FACS applications on processing facilities provided by ISSC which are located in Boulder, Colorado. The Contract between ISSC and the State of Michigan contained an option for the State to purchase Business Recovery Services Hot-Site support. The overall purpose of this Order is to clarify and fully delineate the scope of these services so as to recommend to the State of Michigan a comprehensive solution for Disaster Recovery of the MAIN-FACS application in the event of a disaster at the Boulder facility which prevents ISSC from providing processing facilities to the State sufficient to meet the immediate needs of the State over an extended

period of time (i.e., in excess of seventy-two clock hours). Based on the results of such study, it is the intention of the State to contract for full Business Recovery Services.

Business Impact Analysis (BIA)

ISSC will perform a BIA to identify those aspects of the MAIN-FACS application which will be critical to restore in the event of a Disaster which disables the Boulder facility or such other facility as the State may be using to operate its MAIN-FACS applications. The findings of this consulting engagement will also assist in validating the initial estimates of the size requirements for Business Recovery Services (BRS).

1. Scope

The scope of the Business Impact Analysis is to:

- Analyze the MAIN-FACS processing requirements through direct interaction with State of Michigan personnel;
- Analyze the production cycles required to satisfy State of Michigan needs for MAIN-FACS processing in the event of a Disaster which disables the Boulder processing facility or such other processing facility in use at such time for MAIN-FACS processing;
- Develop the requirements to recover the critical State of Michigan applications;
- Prepare a Report of BRS Recommendations and present the Report to State of Michigan management

ISSC TASKS

1. Conduct orientation and planning meetings:
 - Customize interview questions and surveys.
 - Identify BIA participants.
 - Review deliverable structure and outline.
2. Distribute and collect surveys
3. Analyze survey responses

4. Conduct interviews:
 - Assess business impact of an outage
 - Review critical supporting systems and applications
 - Identify critical resources
 - Estimate costs of an outage.
5. Analyze preliminary findings.
6. Review Findings:
 - Gain concurrence with interviewees.
 - Gain concurrence with project coordinator.
7. Develop conclusions and recommendations.
8. Produce BIA report.
9. Prepare and conduct management review sessions.
10. Prepare and conduct executive presentation.

SOM Tasks

1. Participate in the kickoff meetings.
2. Complete surveys.
3. Schedule and participate in interviews.
4. Attend review sessions.
5. Provide requested documentation and information.
6. Identify and assign a State BIA project coordinator.

2. Deliverables

ISSC will prepare a Report of BRS Recommendations for review and acceptance by the State. The Report will include, among other things:

1. Assessment of business impact during an outage;

2. Cost of an outage;
3. Prioritized vital business functions and critical applications; and
4. Critical recovery time frames and resources with respect to State of Michigan business functions.

ISSC will also organize and submit a file of all interviews and surveys underlying the BIA.

3. Timeframe

The BIA survey is expected to require nine (9) calendar weeks to complete. Work on the BIA is scheduled to begin March 12, 1996, and is expected to be completed on or about May 15, 1996.

Task	Time	Week						
		1	3	5	7	9	11	13
Project Planning		█						
Kickoff Meeting & Survey Distribution			█					
Interviews				█	█			
Data Analysis & Verification				█	█			
Conclusions & Recommendations						█		
Management & Executive Review Sessions							█	

4. Assumptions

The timeframe and cost of the BIA Study are based on the following assumptions:

1. All requested information will be provided to ISSC as defined in the project plan developed in the Project Planning Session. Delays in providing this information may impact the final completion date and

will be addressed in accordance with the Project Change Control Procedure.

2. Required senior management personnel will be identified and made available for interviews and participation in the Management Review Sessions.
3. There will be up to twelve (12) interviews with designated State of Michigan personnel lasting up to two hours each.
4. The State of Michigan MAIN BIA project coordinator will assist in identifying the various areas that will be targeted for interviews.
5. The ISSC Project Team will be headed by Tom Williams.
6. The State MAIN BIA project coordinator will be assigned and will devote at 50% or more of full time for the duration of the BIA Study.

BUSINESS IMPACT ANALYSIS PROJECT COSTS

One time charge	\$44,000
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III. State Authorization

Check One:

This order shall be performed for the benefit of Department of Management and Budget (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

Integrated Systems Solutions Corporation

By: Walter R. Jones
Title: Project Manager
Date: 4/26/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: Maynard M. Juhn
Title: Director, PROJECT DEVELOPMENT, IMPLEMENTATION AND MANAGEMENT DIVISION
Date: 6/10/96

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services
Contract Number 0144
Change Authorization Order Number 91

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will order, receive, install and configure 100.8 additional gigabytes of HP disk.

This DASD will require a UPS to work with the MIDB configuration. ISSC will propose under separate cover an additional UPS.

B. Deliverables

Deliverables will be:

- 100.8 gigabytes of HP Disk
- Additional I/O Slots and SCSI Adapters
- HP Racks and cables
- One year of maintenance

C. Costs

Configuration and Services for the additional MIDB equipment:

<u>Item</u>	<u>Qty</u>	<u>Product Description</u>	<u>List Unit Price</u>	<u>Extended</u>	<u>StatePrice</u>
1	2	1.6 Meter 19" Rack	2,450.00	4,900.00	3,888.64
2	1	HP-PB Expansion module with 14 HP-PB I/O Slots	10,500.00	10,500.00	8,332.80
3	2	HP-PB SCSI-2 Adapter Inc. Installation/Configuration	1,295.00	2,590.00	2,055.42
4	3	High Avail. Disk Array Model 20	15,000.00	45,000.00	35,712.00
5	3	20 2.1 GB Disk Modules	35,020.00	105,060.00	83,375.62
6	3	First year support Disk	2,178.00	6,534.00	5,185.38
7	2	Tie Together Kit & Installation of Disk	395.00	790.00	626.94
8	8	SCSI Cable .9M	120.00	960.00	761.86
9	2	SCSI Cable 2.5 M	140.00	280.00	222.21
10	1	Dual Bus converter for T500	25,200.00	25,200.00	19,998.72
11	4	Cable for HP HA Storage - 5 M	120.00	480.00	380.93
12	1	Support	291.00	291.00	230.94
		* Shipping			
TOTALS				202,585.00	160,771.46

* ISSC will include copies of the shipping invoices that show actual shipping and handling costs upon invoicing the State for this change order.

D. Schedule

The HP equipment and UPS will be ordered, received, installed, and configured upon agreement to do so.

E. Assumptions

All people resource requirements needed to integrate this equipment into practical use as MIDB hardware will be accomplished via the State MIDB team.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: Walter R. [Signature]
Title: [Signature]
Date: 9/27/96
Project Manager

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: Margaret [Signature]
Title: DIRECTOR, PROJECT DEVELOPMENT, IMPLEMENTATION AND MANAGEMENT DIVISION
Date: 6/10/96

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services
Contract Number 0144
Change Authorization Order Number 92

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will provide operations support for the DCDS HP9000 Unix-based system for the State of Michigan's Human Resource System (HRS).

The hours of operation, from May 1, 1996 through August 30, 1996, will be:

Monday through Friday -- 7am to 6pm
Saturday and Sunday -- as needed

From August 31, 1996 through September 22, 1996, the hours will be:

Monday through Sunday -- 7am to 6pm
Other operational support required would be as needed

From September 23, 1996 through September 30, 1999, the hours will be:

Monday through Saturday -- 7am through the nightly batch cycle (4am for payroll weeks and 8pm for non-payroll weeks).

ISSC will provide the "as needed" support with 48 hours notice from the State. Services will be provided at the State's Knapps Office Centre facility. "As Needed" requests should not exceed four (4) hours per week.

The services will include, but are not limited to,

- Support the print function and the distribution of reports to the window of the Knapps Computer Room
- Perform backups pursuant to ISSC/State of Michigan backup schedule
- Perform start and stop of the Oracle database daily
- Run the daily batch cycle
- Setup and maintain the following:
 - Tape Library
 - Problem/Change management through Information Management
 - Conduct weekly production meeting and schedule
 - Maintain inventory of paper and tape supplies

In addition, ISSC shall provide daily backup of the Security Server. The State of Michigan shall be responsible to set up the tape library, inventory and procedures and will train ISSC staff in these processes.

B. Deliverables

Biweekly Status Reports
Weekly Problem and Change Management Reports
Weekly Production Schedule

C. Costs

HRS DCDS Operations Services:

May 1996	\$3,680 for the month
June and July 1996	\$4,970 per month
Every month thereafter	\$6,260 per month

These prices are valid as long as the State maintains ISSC as the provider of operations support for the MIDB. If the State wishes to cancel the MIDB operations component but maintain these HRS operational services, ISSC will provide a separate change order to support this option.

This change order has two terms:

May 1, 1996 through September 30, 1997, and
October 1, 1997 through September 30, 1999

These terms are designed to be co-terminus with the MIDB operations component and notification requirements.

E. Assumptions

ISSC assumes the system is similar to the Management Information Data Base (MIDB) system that is currently maintained, the exception being that batch processing is required for the HRS.

III. State Authorization

Check One:

This order shall be performed for the benefit of ***** AGENCY NAME GOES HERE ***** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: [Signature]
Title: Project Manager
Date: 7/25/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Director, PROJECT DEVELOPMENT, IMPLEMENTATION AND MANAGEMENT DIVISION
Date: 6/10/96

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services
Contract Number 071B5000713
Change Authorization Order Number 95

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

This change order is a new payment deliverable to support renewing maintenance on MAIN networking equipment and software through 9/30/96.

The details of the maintenance renewals are listed in the following section.

A. Deliverables

The following maintenance renewals will be delivered to the State of Michigan as a result of this Change Order:

name	serial number	vendor	type	comment	location	renew maint start	renew maint stop	state price
sserver	2641086	IBM	Type 7013 PowerServer 570	MAIN Security Server	Knapps CPU Room	1/24/96	9/30/96	2632.00
sserver monitor	23P1402	IBM	Type 6091-19i Monitor	MAIN Security Server	Knapps CPU Room	10/1/95	9/30/96	384.00
sserver mouse	50138	IBM	Mouse	MAIN Security Server	Knapps CPU Room	n/a	n/a	n/a
sserver keyboard	5056137	IBM	Keyboard	MAIN Security Server	Knapps CPU Room	n/a	n/a	n/a
inms	2641438	IBM	Type 7013 PowerServer 570	MAIN INMS Server	Knapps CPU Room	10/1/95	9/30/96	3948.00
inms monitor	23M1646	IBM	Type 6091-19i Monitor	MAIN INMS Server	Knapps CPU Room	10/1/95	9/30/96	384.00
inms mouse	44093	IBM	Mouse	MAIN INMS Server	Knapps CPU Room	n/a	n/a	n/a
inms keyboard	5033621	IBM	Keyboard	MAIN INMS Server	Knapps CPU Room	n/a	n/a	n/a
external hd 5 inms	26-13452	IBM	Type 7204/010 External SCSI HD	MAIN INMS Server	Knapps CPU Room	10/1/95	9/30/96	600.00
external hd 4 inms	26-13451	IBM	Type 7204/010 External SCSI HD	MAIN INMS Server	Knapps CPU Room	10/1/95	9/30/96	600.00
external hd 3 sserver	26-13112	IBM	Type 7204/010 External SCSI HD	MAIN Security Server	Knapps CPU Room	10/1/95	9/30/96	600.00
external hd 2 sserver	26-13113	IBM	Type 7204/010 External SCSI HD	MAIN Security Server	Knapps CPU Room	10/1/95	9/30/96	600.00
ws-State1-cpu	23-3027B	IBM	Type 6384-N50	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	141.00
ws-State1-monitor	23-06241	IBM	Type 6317-M01	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	59.00
ws-State1-keybd	6096029	IBM	Keyboard	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State1-mouse	23-L36468	IBM	Mouse	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State2-cpu	23-3072T	IBM	Type 6384-N50	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	141.00
ws-State2-monitor	23-07691	IBM	Type 6317-M01	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	59.00
ws-State2-keybd	6062257	IBM	Keyboard	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State2-mouse	23-193191	IBM	Mouse	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State3-cpu	23-3027N	IBM	Type 6384-N50	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	141.00
ws-State3-monitor	23-05913	IBM	Type 6317-M01	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	59.00
ws-State3-keybd	6094858	IBM	Keyboard	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State3-mouse	23-43394	IBM	Mouse	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State4-cpu	23-3021Y	IBM	Type 6384-N50	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	141.00
ws-State4-monitor	23-A9968	IBM	Type 6317-M01	State Owned Workstation	Knapps (MAIN)	10/1/95	9/30/96	59.00
ws-State4-keybd	6994863	IBM	Keyboard	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
ws-State4-mouse	23-L36482	IBM	Mouse	State Owned Workstation	Knapps (MAIN)	n/a	n/a	n/a
Sybase 10.0x	Cust #26023	Sybase	Sybase Support	MAIN Security Server	Security Server	12/20/95	9/30/96	5208.00
Sybase 4.9x	Cust #26023	Sybase	Sybase Support	MAIN INMS Server	INMS	10/1/95	9/30/96	2602.00
Optivity Software	701625	SynOptics	S6-03 Software	INMS Software	Knapps CPU Room	n/a	n/a	n/a
netblazer1	28414004	Telebit	NetBlazer-40	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	570.00
T9000 Chassis	64100017	Telebit	Modem Chassis	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	58.00
T9000 Chassis	64150007	Telebit	Modem Chassis	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	58.00
T3000	314070217	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314070222	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314080120	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314080126	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314080140	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314110072	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320267	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320268	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320269	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320272	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320273	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320274	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320275	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
T3000	314320278	Telebit	T3000 Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	43.00
WorldBlazer	314100152	Telebit	WorldBlazer Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	54.00
WorldBlazer	314090038	Telebit	WorldBlazer Modem	MAIN Dial System	Knapps CPU Room	1/18/96	9/30/96	54.00
xypex1	243678	Xyplex	MaxServer MX-1600-04	MAIN Dial System	Knapps CPU Room	10/1/95	9/30/96	803.00
xypex2	243633	Xyplex	MaxServer MX-1600-04	MAIN Dial System	CNOC (testing)	10/1/95	9/30/96	n/a
Comsphere	3493679	ATT Paradyne	Comsphere 3000 Chassis	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491310	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491318	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491312	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491300	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491325	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491306	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491302	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491345	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491317	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491360	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491348	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491343	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491301	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491297	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491369	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	current	9/30/96	n/a
Modem 3811	3491326	ATT Paradyne	3811-B1-001 Modem	MAIN Dial System	Knapps CPU Room	5/18/96	9/30/96	169.00
TOTAL								20726.00

B. Costs

One-time costs for this change order are as follows:

Total maintenance cost of items detailed above: \$20,726.00

C. Estimated Schedule

Maintenance renewals to be ordered immediately upon approval of this change order and receipt of State of Michigan Purchase Order.

III. State Authorization

Check One:

This order shall be performed for the benefit of the DMB Office of Information Technology (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice, may be considered in default of BPO

**STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

May 14, 1996

**CHANGE NOTICE NO. 27
 TO
 BLANKET PURCHASE ORDER NO. 071B4000144
 between
 THE STATE OF MICHIGAN
 and
 Supersedes 0144**

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900
	VENDOR NUMBER [REDACTED]
	BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS Net 30 Days	SHIPMENT As Required
F.O.B. Delivered	SHIPPED FROM N/A
MINIMUM DELIVERY REQUIREMENTS N/A	

CHANGE(S):

Change No. 26 issued in error and is hereby rescinded.

AUTHORITY/REASON: Agency request 5/9/96.

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice may be considered in default of BPO

**STATE OF MICHIGAN
 DEPARTMENT OF MANAGEMENT AND BUDGET
 OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933**

May 3, 1996

**CHANGE NOTICE NO. 26
 TO
 BLANKET PURCHASE ORDER NO. 071B4000144
 between Supersedes 0144
 THE STATE OF MICHIGAN
 and**

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909		TELEPHONE (517) 377-3900
		VENDOR NUMBER [REDACTED]
		BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB		
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999		
TERMS Net 30 Days	SHIPMENT As Required	
F.O.B. Delivered	SHIPPED FROM N/A	
MINIMUM DELIVERY REQUIREMENTS N/A		

CHANGE(S):

Adjustment to Labor Rate Schedule by 3.2% based on the Detroit CPIW.

AUTHORITY/REASON: Agency request 5/1/96.

*Change # 26 issued
 Billie Collins
 See change # 27*

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

March 22, 1996

CHANGE NOTICE NO. 25
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between
THE STATE OF MICHIGAN
and

Supersedes 0144

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909		TELEPHONE (517) 377-3900
		VENDOR NUMBER [REDACTED]
		BUYER (517) 373-7319 Billie Collins <i>bc</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB		
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999		
TERMS Net 30 Days	SHIPMENT As Required	
F.O.B. Delivered	SHIPPED FROM N/A	
MINIMUM DELIVERY REQUIREMENTS N/A		

CHANGE(S):

The attached Change Authorization Order 89 is hereby incorporated as part of the Blanket Purchase Order (BPO).

AUTHORITY/REASON: Agency request 3/14/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 89 Revised

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

ISSC will order, receive, install and configure one DAT 4GB DDS DC DAT tape drive and one 48GB DDS 2 DATA Autoloader tape drive.

The DAT drives will be installed in existing State owned HP racks.

B. Deliverables

- 1 HP 4GB DDS DC DAT tape drive
- 1 HP 48GB DDS 2 DAT tape drive
- 1 HP OV OmniBack II licence
- One year of maintenance

C. Costs

Configuration and Services for the additional MIDB equipment:

1 Autoloader DAT and 1 DAT

<u>QTY</u>	<u>Description</u>	<u>List Price</u>	<u>State Price</u>
1	48 GB DDS 2 DAT autoloader	6,854.00	5,439.33
1	HP-PB SE SCSI 2 Centronics host Adapt	1,353.00	1,073.74
1	4 GB DDS DC DAT drive expansion	2,695.00	2,138.75
1	SCSI 2 high density connect to SCSI 1	94.00	85.09
1	HP OV Omniback II supporting one drive	3,890.00	3,087.10
1	Systems Support	670.00	531.71
1	Estimated Shipping*	250.00	250.00
Total		\$15,806.00	\$12,605.73

* ISSC will include copies of the shipping invoices that show actual shipping and handling costs upon invoicing the State for this change order.

D. Schedule

The HP equipment will be ordered, received, installed, and configured upon agreement to do so.

E. Assumptions

All people resource requirements needed to integrate this equipment into practical use as MIDB hardware will be accomplished via the State MIDB team.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of ***** AGENCY NAME GOES HERE ***** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC

hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: [Signature]
Title: Outsourcing Project Manager _____
Date: 2/22/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Dir. Tech. Acq.
Date: 3/20/96

**STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING
P.O. BOX 30026, LANSING, MI 48909
OR
530 W. ALLEGAN, LANSING, MI 48933**

March 13, 1996

**CHANGE NOTICE NO. 24
TO
BLANKET PURCHASE ORDER NO. 071B4000144**

between

Supersedes Contract No. 0144

**THE STATE OF MICHIGAN
and**

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900 VENDOR NUMBER [REDACTED] BUYER (517) 373-7319 Billie Collins <i>bc</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS <p style="text-align: center;">Net 30 Days</p>	SHIPMENT <p style="text-align: center;">As Required</p>
F.O.B. <p style="text-align: center;">Delivered</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

CHANGE(S):

The attached Change Authorization Orders 86 is hereby incorporated as part of the Blanket Purchase Order (BPO).

AUTHORITY/REASON: Agency request 3/7/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 086

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

Termination for convenience: In accordance with Section 2.22d of the Contract, the State may terminate this change order, in whole or in part, at any time and for any reason without penalty (i.e., without liability for damages to ISSC or its subcontractor beyond the termination charges described in this paragraph) upon at least thirty (30) days prior written notice of termination to ISSC. If the State chooses to terminate this Change Order in part, the charges payable under this change order will be equitably adjusted to reflect those services that are terminated.

II. Description of Change

As part of ISSC's ongoing process to keep all systems software current, ISSC will be upgrading to RMDS version 2. During the initial implementation of RMDS, there were several modifications which were made to the product to meet State needs. These modifications were provided under ISSC change order number 18. The requirements for these modifications need to be validated. Those modifications will need to be designed, coded and tested for implementation in version 2 of RMDS.

A. Scope of work

ISSC will:

- 1) Validate the required modifications to RMDS
- 2) Design RMDS modifications for V2
- 3) Code RMDS modifications for V2
- 4) Test RMDS modifications for V2 on Development LPAR
- 5) Implement the RMDS modifications for V2 on production

In addition, ISSC will be retrofitting a panel modification on V1 to be able to apply IBM supplied RMDS maintenance.

B. Deliverables

- 1) Modified RMDS Panels
- 2) Modified RMDS exits

C. Costs

ISSC will charge the State the actual hours necessary to make these changes at the rate of \$85.00 per hour.

The list of existing version I modifications is attached along with estimated hours to rewrite each modification. It is anticipated that there will be no additional modifications required beyond those already on the version 1 system.

D. Schedule

These modifications will be completed within four weeks of final approval of the requirements.

III. State Authorization

Check One:

_____ This order shall be performed for the benefit of "AGENCY NAME GOES HERE" (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to

the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

X This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

NONE.

Integrated Systems Solutions Corporation

By: W. J. [Signature]
Title: Project Manager
Date: 2/16/96

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Dir. Tech. Acq. Div.
Date: 3/15/96

Exiting Version I Modifications

Introduction

There are 3 types of changes which exist on the current RMDS system: User Exits, Panel Modification and Module Zaps. This documents these changes and the time necessary to code and test these changes in RMDS Version 2. ISSC recommends that these changes be minimized or eliminated when moving to Version 2 to improve the serviceability of RMDS.

Prior to implementing Version 2 of RMDS, ISSC has maintenance which impacts the Panel Modifications and Module Zaps. ISSC can reinstall the Panel Modification, but the Module Zap cannot be reapplied. The estimated time to make the VTAM Viewer Panel modification is 6 hrs.

USER EXITS

All exit source code has changed with Version 2. As a result, each exit must be rewritten, adding the additional code to provide the same or similar function as in Version 1.

DBNUXDST

This exit is being used to automatically initiate the report distribution facility. It basically starts the DBNBPDTR started task every time a report (e.g., RSTARS DAILY REPORT) is to be re-distributed back into RMDS. This happens to reports like 'DAFR8680 DAILY REPORT', etc. This exit also inserts the appropriate distribution parm info into the started task JCL.

- ◆ Estimated effort to re-write for RMDS V2 - 16 hrs.

DBNUXHDR

This exit is being used to modify the header page for every RMDS report that is printed. Specifically, a 5th line is added listing the Userid of the person printing the report.

- ◆ Estimated effort to re-write for RMDS V2 - 12 hrs.

DBNUXPAG

This exit performs compression and decompression of report pages as they are stored or viewed. This exit has not been modified from its original shipped version. No re-writing is necessary.

- ◆ Estimated effort to compile and link - 1 hr

DBNUXPIN

This exit supplies default information for the system print panels, SYSOUT class T and account information of 1111.

- ◆ Estimated effort to re-write - 8 hrs

DBNUXPRT

This exit is used to verify the location when CENTRAL printing is requested. The information entered in the FORMS field is checked for a matching member name in 'VPS.UEX25.AGENCIES'. This exit is not currently featured in production.

This exit has changed dramatically in Version 2. Upon initial comparison of the exit code in Version 1 to Version 2, we are not sure the Version 2 exit can be used to provide the same function. We do not know at this point if another exit can be substituted.

- ◆ Estimated effort - unknown

PANEL MODIFICATION

The names of these mods are the names of the individual source code. They were linked together and renamed when applied to the system. In Version 2 the panel/source name may be different or the change may be required at a different point to accomplish the same result. This estimate is only to duplicate all Version 1 mods in Version 2 as closely as possible.

TSO Viewer Panel Mods

DBNTYB1

Change 'System Print' terminology to 'Print' on main print panel.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNTYP1

Remove all options and force the user through the 'System Print Option' only.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNTZB1

Modifications to HELP text supporting the 'System Print' panel changes.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNTZP1

Remove all HELP text associated with any print options other than 'System Print'.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNTV90

Additional TSO Viewer messages associated with User Exit DBNUXPRT (The VPS exit).

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

VTAM Viewer Panel Mods

DBNVTDS0

VTAM Viewer panel mods to remove all print options other than 'System Print' and reposition the cursor on the secondary print panel.

- ◆ Estimated effort to re-write for RMDS V2 - 6 hrs.
- ◆ Estimated effort re-write for maintenance release - 6 hrs.

DBNVWVG0

Additional VTAM Viewer messages associated with User Exit DBNUXPRT (The VPS exit).

- ◆ Estimated effort to re-write for RMDS V2 - 3 hrs.

CICS Viewer Panel MODS

DBNXYB1

Change 'System Print' terminology to 'Print' on main print panel.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNXYP1

Remove all options and force the user through the 'System Print Option' only.

- ◆ Estimated effort to re-write for RMDS V2 - 4.5 hrs.

DBNXZB1

Modifications to HELP text supporting the 'System Print' panel changes.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

DBNXZP1

Remove all HELP text associated with any print options other than 'System Print'.

- ◆ Estimated effort to re-write for RMDS V2 - 3 hrs.

DBNVWVG0

Additional CICS Viewer messages associated with User Exit DBNUXPRT (The VPS exit).

Note: This is the same mod for both CICS and VTAM Viewer environments.

- ◆ Estimated effort to re-write for RMDS V2 - 3 hrs.

DBNVWCN0

Modify the number of help panels on the CICS Viewer main print panel.

- ◆ Estimated effort to re-write for RMDS V2 - 1.5 hrs.

All Viewer Panel MODS

DBNVWDS0

This modifies all Viewer environments to display PFK definitions in the 'Header Long' area on report viewing panels. This mod does not apply to the Version 2 environment. The PFK definitions are controlled (displayed or not displayed) by the individual user for their own session.

- ◆ The original coding effort estimate for Version 1 is - 1 hour

MODULE ZAPS

This modifies all Viewer environments to automatically select option 'S' for System Print

This ZAP will not be reapplied in version 2 or in the maintenance release for Version 1.

Form No. DMB 234A (Rev. 1/96)
 AUTHORITY: Act 431 of 1984
 COMPLETION: Required
 PENALTY: Failure to deliver in accordance with BPO terms
 and conditions and this notice, may be considered in default of BPO

STATE OF MICHIGAN
DEPARTMENT OF MANAGEMENT AND BUDGET
OFFICE OF PURCHASING
 P.O. BOX 30026, LANSING, MI 48909
 OR
 530 W. ALLEGAN, LANSING, MI 48933

March 1, 1996

CHANGE NOTICE NO. 23
TO
BLANKET PURCHASE ORDER NO. 071B4000144
between **Supersedes Contract No. 0144**
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF VENDOR Integrated Systems Solutions Corp. One Michigan Avenue P. O. Box 30116 Lansing, MI 48909	TELEPHONE (517) 377-3900
	VENDOR NUMBER <div style="background-color: black; width: 100px; height: 15px;"></div>
	BUYER (517) 373-7319 Billie Collins <i>BC</i>
NIGP # Michigan Administrative Information Network (MAIN) Technology Services - DMB	
BPO PERIOD 22 Months From: December 1, 1993 To: September 30, 1999	
TERMS <p style="text-align: center;">Net 30 Days</p>	SHIPMENT <p style="text-align: center;">As Required</p>
F.O.B. <p style="text-align: center;">Delivered</p>	SHIPPED FROM <p style="text-align: center;">N/A</p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;">N/A</p>	

CHANGE(S):

The attached Change Authorization Order 77 is hereby incorporated as part of the Blanket Purchase Order (BPO).

AUTHORITY/REASON: Agency request 2/23/96.

CHANGE AUTHORIZATION ORDER FORM

Change Authorization Order for the Contract for Technology Services

Contract Number 0144

Change Authorization Order Number 77

I. Effect on Contract

This Change authorization order (the "Order") is subject to all terms and conditions of the Contract for Technology Services (the "Contract") between the State of Michigan and Integrated Systems Solutions Corporation ("ISSC") dated December 1, 1993, and is issued in accordance with Section 2.1 of the Contract. Except as expressly specified in this Order, all terms and conditions of the Contract shall remain in full force and effect upon execution of this Order. This Order is not valid until it is executed in accordance with Section 2.1 of the Contract. In the event of any inconsistency or ambiguity between the terms and conditions of this Order and the terms and conditions of the Contract, the terms and conditions of this Order shall control.

II. Description of Change

A. Scope

ISSC will provide vendor maintenance and support for the MIDB Server Hardware and Software Products detailed below for the period of one year. The maintenance will cover the period of 10/1/95 to 9/30/96.

MIDB Server Hdw:

**HP Base Hdw
Disk Upgrade 1994
Disk Upgrade 1995
STK
Deltec UPS Base
Deltec UPS D-94
Deltec UPS D-95**

MIDB Server Sfw:

**HP Base Sfw
Oracle
Oracle -SQL*Forms
CA Unicenter
SAS
Cosort**

B. Deliverables

One year of vendor maintenance and support on the listed products.

C. Costs

	Coverage	Price
MIDB Server Hdw:		
HP Base Hdw	10/1/95 to 9/30/96	\$ 26,979.33
Disk Upgrade 1994	10/1/95 to 9/30/96	\$ 20,932.93
Disk Upgrade 1995	7/1/96 to 9/30/96	\$ 2,722.71
STK	10/1/95 to 9/30/96	\$ 3,080.00
Deltec UPS Base	to 2/27/99	\$ -
Deltec UPS D-94	to 9/18/99	\$ -
Deltec UPS D-95	to 5/30/00	\$ -
MIDB Server Sfw:		
HP Base Sfw	10/1/95 to 9/30/96	\$ 19,077.33
Oracle	10/1/95 to 9/30/96	\$ 216,959.98
Oracle -SQL*Forms	10/1/95 to 9/30/96	\$ 619.24
CA Unicenter	10/1/95 to 9/30/96	\$ 12,749.33
SAS	10/1/95 to 9/30/96	\$ 26,238.89
Cosort	10/1/95 to 9/30/96	\$ 2,331.67
TOTAL MIDB SERVER		\$ 331,691.42

III. State Authorization

Check One:

This order shall be performed for the benefit of **** AGENCY NAME GOES HERE **** (the "Authorizing Agency") and all amounts to be paid to ISSC pursuant to this order shall be paid solely from funds available to the Authorizing Agency. ISSC hereby acknowledges that the Authorizing Agency is a Party to the Contract solely with respect to this Order and shall have the right to enforce the terms and conditions of this Order and the Contract (insofar as they apply to this Order) in its own name directly against ISSC. This order is not valid until signed by an authorized representative of the Authorizing agency and by the Purchasing Director.

This Order shall be performed for the benefit of the DMB and is not valid until signed by the Purchasing Director.

IV. Attachments

None.

Integrated Systems Solutions Corporation

By: Jeffrey A. For WE
Title: Sr Project Executive
Date: 5 Dec 95

Authorizing Agency (Department of Management and Budget)

By: _____
Title: _____
Date: _____

Department of Management and Budget (Purchasing)

By: [Signature]
Title: Dir Tech Acq
Date: 3/5/96

CONTRACT CONTROL

RETAIN WITH FILE

BUYER Billie Collins

DATE 2-28-96

_____ BPO NUMBER _____

_____ NOTICE OF BPO (SUPERCEDES BPO NO. _____)

X BPO CHANGE NOTICE NO. 23 BPO NUMBER 071B4600144

NATURE OF CHANGE:

AUTHORITY/REASON:

INCREASE: _____

DECREASE: _____

_____ LETTER
_____ MAILING

OTHER:

_____ BPO SIGNATURE WITH BPO AGREEMENT
CHECK ONE PLEASE () INSURANCE CLAUSE () NO INSURANCE CLAUSE

_____ BPO LETTER RETURNING SIGNED AGREEMENT
CHECK ONE PLEASE () INSURANCE CLAUSE () NO INSURANCE CLAUSE

FOR BPO SECTION ONLY

NAK WORD PROCESSOR/SECRETARY
2-29-96 DATE COMPLETED