ADVISORY: **UNEMPLOYMENT INSURANCE PROGRAM LETTER NO. 6-15**

TO: STATE WORKFORCE AGENCIES

FROM: PORTIA WU /s/
Assistant Secretary

SUBJECT: Replacement of State-based Information Technology Hardware for the Unemployment Insurance Data Base System

1. **Purpose.** To provide State Workforce Agencies (SWAs) with advance notice of distribution of new Sun Server X4-2 computer systems.

2. **References.**

   - Unemployment Insurance Program Letter (UIPL) No. 20-09, *Distribution of new Sun Server T2000 computer systems*; and
   - UIPL No. 25-04, *Purchase of New Sun System to Support State Unemployment Insurance Data Base (UIDB) System*.

3. **Background.** The U.S. Department of Labor (Department) purchases, configures, and ships to each state a server that stores important program information extracted from state systems and from which states electronically transmit data they are required to report to the Department. The current Sun Server T2000 server is no longer produced or supported, and the Department will be providing each state with a new and upgraded server over the next three months.

4. **Upgrade Overview.**

   Hardware: The Sun Server X4-2 computer will be the replacement server for the SWAs. This new system has larger disk drives and faster central processing units (CPUs) and allows for future expansion. The new system will be designed and configured to support the current web-based applications.

   Software: The Department's technical support staff will work closely with the state Sun System Administrators to transfer all software and data from the current servers to the new servers. The transition should be transparent for the current users and system administrators, and thus no additional training is anticipated.

RESCISSIONS	EXPIRATION DATE
None	Continuing

Technical staff will also be in contact with each state Sun System Administrator to coordinate schedules and provide more information on the implementation process. The projected completion date for this project is March 2015.

5. <u>Action Required</u>. Please provide the above information to all appropriate state personnel, including state Sun System Administrators providing support for the SWA's Sun UNIX system.

6. <u>Inquiries</u>. Inquiries should be directed to the appropriate Regional Office.

7. <u>Attachments</u>.

I.   System Configuration
II. Upgrade Plan
III. Delivery Timeframe

SYSTEM CONFIGURATION

X4-2 Server Configuration

- Oracle Sun X4-2 Server

  o 4-core 2.5 GHz Intel Xenon Processor

  o 8GB DDR3-1600 memory (8 * 1GB DIMMs)

  o 3 300GB 10000 rpm 2.5-inch SAS-2 hard disk drives

  o 1 DVD drive

  o 1 Oracle System Assistant 4 GB USB stick

  o 2 Poser cords: sun rack 2 jumper, 2 meters, C14RA plug, C13 connector

  o 8 internal port Sun Storage 6 GB SAS PCIe HBAS

  o Solaris 11.2 and Java JBOSS software

  o Solaris 11.2 DVD boot DVD

- Quantum DAT 160 tape drive

  o 17 DAT 160 Tapes

The X4-2 integrates with all diverse clients on the network such as Apple Macintosh, Microsoft Windows 7/8/2000/NT/XP, UNIX and LINUX workstations providing TCP/IP connectivity over Ethernet LANs through HTTP and SSH.

Software

- Oracle Solaris 11.2 Operating System

- UIDBMS State Workforce Agency Software Suite

UPGRADE PLAN

The new systems will be shipped, initially, to the National Office and will be installed by operations staff. After which, the system will be sent to the State Workforce Agency based upon the schedule listed in Attachment III.

- Department of Labor (Department) technical staff will contact the State SUN Administrator to schedule the hardware upgrade.

- Based on the schedule, the Department's technical staff will provide the necessary assistance required by the State SUN Administrator to install the new systems. Once the new system is setup and adequately tested, all existing information on the old system including the external drive will be deleted to ensure privacy of State data.

- Once the implementation is complete, the State SUN administrator is requested to prepare the "return" process for the old system. The old SUN T2000 chassis - must be boxed and prepared for pickup. Packing materials provided with the new X4-2 system may be used for packing the old system for pickup. Inside the box of the new X4-2 is a packet of information for the System Administrators. This packet contains "Action Required-Upgrade Return Procedures" and will provide all of the necessary paperwork and instructions for returning the old system to Sun Microsystems. A Return Merchandise Authorization (RMA) Number and an 800 number will be provided to make arrangements for Oracle to pick up the old system.

The Department will keep all System Administrators informed regarding the implementation process. The projected completion date for this project is March 2015. More detailed information will follow concerning the installation plans and this effort will be coordinated in detail with the State SUN System Administrators.

Special Technical Notes:

1. External Exabyte Model 8700 tape drive will be replaced by the Quantum DAT 160 tape drive.

2. HP 4100 N LaserJet Printers, monitor, cables, mouse and keyboard already in the SWA sites **are not** being replaced and will be used in the new system's configuration.

Estimated Delivery Timeframe

System / Equipment Sent from the National Office		
State	**Date**	**System / Equipment**
Training Center	1/8/2015	X4-2 System / cables
California	1/8/2015	X4-2 System / cables
Arkansas	1/8/2015	X4-2 System / cables
Georgia	1/8/2015	X4-2 System / cables
Maryland	1/8/2015	X4-2 System / cables
Wisconsin	1/8/2015	X4-2 System / cables
District of Columbia	1/8/2015	X4-2 System / cables
Mississippi	1/22/2015	X4-2 System / cables
Alaska	1/22/2015	X4-2 System / cables
Virgin Islands	1/22/2015	X4-2 System / cables
Puerto Rico	1/22/2015	X4-2 System / cables
Washington	1/22/2015	X4-2 System / cables
Oregon	1/22/2015	X4-2 System / cables
Montana	1/23/2015	X4-2 System / cables
Hawaii	1/23/2015	X4-2 System / cables
Arizona	1/23/2015	X4-2 System / cables
Nevada	1/23/2015	X4-2 System / cables
Florida	1/23/2015	X4-2 System / cables
North Dakota	1/23/2015	X4-2 System / cables
Texas	1/23/2015	X4-2 System / cables
Maine	1/26/2015	X4-2 System / cables
Wyoming	1/26/2015	X4-2 System / cables
Vermont	1/26/2015	X4-2 System / cables
West Virginia	1/26/2015	X4-2 System / cables
Kansas	1/26/2015	X4-2 System / cables
South Dakota	1/26/2015	X4-2 System / cables
Colorado	1/27/2015	X4-2 System / cables
Idaho	1/27/2015	X4-2 System / cables
Minnesota	1/27/2015	X4-2 System / cables
Alabama	1/27/2015	X4-2 System / cables
Louisiana	1/27/2015	X4-2 System / cables
New Hampshire	1/27/2015	X4-2 System / cables
Nebraska	1/28/2015	X4-2 System / cables
New Mexico	1/28/2015	X4-2 System / cables

North Carolina	1/28/2015	X4-2 System / cables
Oklahoma	1/28/2015	X4-2 System / cables
Iowa	1/28/2015	X4-2 System / cables
Indiana	1/28/2015	X4-2 System / cables
Utah	1/29/2015	X4-2 System / cables
Tennessee	1/29/2015	X4-2 System / cables
South Carolina	1/29/2015	X4-2 System / cables
Kentucky	1/29/2015	X4-2 System / cables
Missouri	1/29/2015	X4-2 System / cables
Virginia	1/29/2015	X4-2 System / cables
New York	1/30/2015	X4-2 System / cables
New Jersey	1/30/2015	X4-2 System / cables
Illinois	1/30/2015	X4-2 System / cables
Michigan	1/30/2015	X4-2 System / cables
Massachusetts	1/30/2015	X4-2 System / cables
Delaware	1/30/2015	X4-2 System / cables
Rhode Island	2/2/2015	X4-2 System / cables
Ohio	2/2/2015	X4-2 System / cables
Connecticut	2/2/2015	X4-2 System / cables
Pennsylvania	2/2/2015	X4-2 System / cables

* Equipment ship directly from the vendor to the states will need to be stored until the server, monitor, keyboard and cables arrive from the National Office. States' System Administrators will need to email the hotline that they received the equipment and provide the serial number to the printer.