

Block 14 “DESCRIPTION OF AMENDMENT/MODIFICATION,” continued.

- A. Environmental Molecular Sciences Laboratory (EMSL).** This modification is issued to obligate American Recovery and Reinvestment Act (ARRA) of 2009 funds. The funding will be used to support capital improvements to the Environmental Molecular Sciences Laboratory (EMSL) at the Pacific Northwest National Laboratory (PNNL). The funding will significantly accelerate the planned recapitalization of EMSL’s leading-edge research instrumentation. EMSL will procure approximately thirty-five (35) pieces of high-end analytical, physical and chemical instrumentation for the EMSL user facility, including several Major Items of Equipment (MIEs). The \$6,000,000 of capital equipment funds that were is being held in DOE reserve for the EMSL Capital Equipment Recovery Act Project is now being provided to PNNL. Two MIE’s, specifically MIE #91TY and MIE #91UG, which were deferred under previous guidance, are now restarted.

The Recovery Act Project title is Biological and Environmental Research – EMSL Capital Equipment (Project Code 2005110). The project code that should be used to track this Recovery Act funding in the Project section of the Accounting Flex Field in STARS/IDW is 2005110.

Atmospheric Radiation Measurement (ARM) Climate Research Facility (ACRF). The funding will be used to accelerate the procurement of equipment for the Atmospheric Radiation Measurement (ARM) Climate Research Facility (ACRF). The funding will significantly accelerate the planned recapitalization of ACRF’s instrument suite. ACRF will procure approximately one-hundred (100) leading-edge scientific instruments, including several Major Items of Equipment (MIEs). The instruments will provide the data that has been identified by climate change researchers for answering the outstanding climate change science questions dealing with clouds and aerosols. The \$6,000,000 of recovery act funds that were is being held in DOE reserve for the ARM ACRF project is now being provided to PNNL for the completion of acquisition of equipment identified.

The Recovery Act Project title is Biological and Environmental Research – ARM Climate Research Facility Initiative (Project Code 2005090). The project code that should be used to track this Recovery Act funding in the Project section of the Accounting Flex Field in STARS/IDW is 2005090.

Biological Environmental Research – Integrated Assessment Research (IA). The funding will be used to procure, prepare a building to receive, and install computational, data handling and storage, networking and data/output display equipment for the Integrated Assessment Research Program (IARP) for use by the Joint Global Change Research Institute, a collaboration between DOE’s Pacific Northwest National Laboratory and the University of Maryland. This equipment will underpin the development of next generation Integrated Assessment Models that will reveal insights into the human contributions to and the impact and adaptations from climate change.

The Recovery Act Project title is Biological and Environmental Research – Integrated Assessment Research (Project Code 2005100). The project code that should be used to track this Recovery Act funding in the Project section of the Accounting Flex Field in STARS/IDW is 2005100.

- B.** Accordingly, pursuant to Section I, Contract Clause, “Obligations of Funds” and Section B, Contract Clause, B-2, “Obligated Funds”, funds in the amount of **\$16,860,000.00** are hereby obligated in support of Recovery Act activities. The total amount of funds obligated under this contract since the inception is increased from **\$11,725,507,759.83 to \$11,742,367,759.83**.
- C.** The specific work funded by this modification is described in Work Authorization Number KP/OR48/9/ARRA-2, titled “Biological and Environmental Research – EMSL Capital Equipment (Project Code 2005110), Work Authorization Number KP/OR48/9/ARRA-1, titled “Biological and Environmental Research – ARM Climate Research Facility Initiative (Project Code 2005090), and

Work Authorization Number KP/OR48/9/ARRA-3, titled "Biological and Environmental Research – Integrated Assessment (Project Code 2005100).

- D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, and as such, is subject to the special statutory conditions and the additional contractual terms and conditions that were incorporated into the contract at Modification No. A508. The funds obligated hereunder shall only be used to accomplish the work as set forth in paragraph C. above and may not be used for any other purpose without the prior written consent of the Contracting Officer.
- E. The contractor shall complete all Recovery Act Work funded by this modification in accordance with Recovery Act requirements, including the required completion dates specified therein, and by the completion date identified in the approved work authorization for the activity.
- F. All other terms and conditions remain unchanged. **[A527]**

(End of Contract Modification A527)