

Title

Radiological Decontamination Solutions

Solicitation

Los Alamos National Laboratory (LANL) is seeking qualified subcontractors to provide decontamination support (e.g., chemical solutions, technical direction, etc.) that results in reducing the waste classification of certain components (carbon steel vessels (Bolas Grande), metal glove boxes, kynar lined glove boxes) from transuranic waste levels down to low level waste (LLW) levels. The subcontractor shall provide a decontamination process and recommendations that are consistent with standard industry practices, health and safety, and environmental regulatory requirements. Specifically, the process shall identify a method of decontamination for metal surfaces and kynar lined surfaces (including removal of kynar lining if needed to reach LLW levels) which will minimize waste generation, will utilize to the extent possible non-hazardous chemicals, and will include a waste management plan that ensures any and all wastes generated in the process can be managed in compliance, and have an existing path forward for disposal in compliance with State and Federal regulations. The process shall also minimize worker exposure to the fullest extent possible utilizing industry practices for ALARA and in compliance with DOE requirements. The subcontractor shall provide a Technical Consultant to observe decontamination activities and dry runs performed by LANL decontamination personnel. Subcontractor Technical Consultant shall provide verbal and written technical advice and training on decontamination solution application, decontamination methods and techniques, solution removal and cleanup, and proper disposal of the solution after use. The subcontractor will not directly perform hands-on decontamination work other than the offsite preparation of appropriate decontamination solutions. The decontamination process will occur within existing LANL facilities (e.g., permacon structures) within an operational Category II nuclear facility.

Interested companies should submit information of their capabilities, project examples, and references to apryor@lanl.gov by 1:00PM MST, Thursday, August 6th, 2015.