Procurement Description*	ARRA Funded: High Temperature Molten Salt Storage Tanks – Sandia Nationa Laboratories' National Thermal Test Facility has a need for two high temperat salt storage tanks. The tanks will be designed and constructed in accordance Boiler and Pressure Vessel Code, Section VIII, Division 2. In addition, the tan manufacturer's welders must be certified in accordance with Section IX of AS and Pressure Vessel Code.
Statement of Work*	Sandia National Laboratories' National Thermal Test Facility has a need for t temperature molten salt storage tanks. The tanks will be designed and constr accordance with ASME Boiler and Pressure Vessel Code, Section VIII, Divisi addition, the tank manufacturer's welders must be certified in accordance witl of ASME Boiler and Pressure Vessel Code. The storage tanks sizes are appr 4,700 gal. (10 ft. dia. by 8 ft. ht.) and 7,050 gal. (10 ft. dia. by 12 ft. ht.). The ta constructed of 316L stainless steel and shall be capable of handling molten s 60% sodium nitrate and 40% potassium nitrate. The molten salt operating ter be a maximum of 1382°F and shall be capable of daily temperature swings b 572°F and 1382°F. The tank top shall be flat and capable of supporting 12 op various sizes which will be flange connections to various pieces of equipment vertical pumps, electric immersion heaters, immersion coolers and miscellane instrumentation. The tank top shall be capable of supporting a minimum of 14
Mandatory Requirements*	The system shall: • . The tank manufacturer must show at least 15 years of experience in the manufacturing of storage tank for the molten salt industry at similar tempe code requirements.
DOE funding statement	"Sandia National Laboratories is a multi-program laboratory managed and op Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporati U.S. Department of Energy's National Nuclear Security Administration under AC04-94AL85000."