

DESCRIPTION/SPECS/WORK STATEMENT

1. **SCOPE OF WORK.** The work to be performed under this contract consists of supplying liquid oxygen, as described in paragraph 2 below, to the Richard B. Russell Dam and Lake Project. The period of delivery is 15 April through 15 December 2004.
2. **LIQUID OXYGEN.** The contractor shall furnish approximately 8,000 tons of liquid oxygen during the calendar year.
 - a. **SYSTEM REQUIREMENTS.** The daily liquid oxygen requirement will gradually increase from approximately fifteen (15) tons/day in early spring to a maximum of approximately one hundred (100) tons/day in late summer or early fall. The demand then gradually decreases through late fall until the system is shut down in November or December. The peak demand period will last between three (3) to six (6) weeks. During the peak demand, periodic daily "around the clock" deliveries, seven (7) days per week will be required.
 - b. **DELIVERY SCHEDULE.** The Contracting Officer's Representative will advise the contractor in writing of the rate at which oxygen is being injected into the lake and of any change in this rate. It will be the contractor's responsibility to ensure that the storage tanks are kept at a sufficient level to support uninterrupted system operation and to prevent system pressure drops. It will be the contractor's responsibility to ensure that the storage tanks are filled at a rate that does not cause shutdown of the system due to high pressure. It will be the contractor's responsibility to ensure proper operation of the valves when filling storage tanks. Storage facilities consist of two (2) twenty thousand (20,000) gallon storage tanks located behind the project offices as shown on the site map (see attachments). The contractor shall be responsible for all hoses and adapters necessary to transfer the oxygen from the tanker truck to the liquid storage tanks. The contractor shall continue delivery of liquid oxygen until seasonal lake destratification (November or December) occurs in the contract year.
 - c. **PLACE OF DELIVERY.** Oxygen will be delivered to the Government storage facility at the Richard B. Russell Dam and Lake Project, Elberton, Georgia. The facility can accommodate full size twenty (20) ton tankers.
 - d. **COORDINATION OF DELIVERIES.** The contractor will be responsible for coordinating all deliveries with the Richard B. Russell Power Plant Shift Operator. Telephone Number (706) 213-3465.
 - e. **GENERAL SAFETY REQUIREMENTS.** Deliveries and liquid tank truck transfers will be in accordance with the Compressed Gas Association (CGA) P-12-1993. Safe Handling of Cryogenic Liquids.



