

**Grant Round Application for LRC LXIX (69)**

**TECHNICAL ADVISOR RECOMMENDATION  
LRC-LXIX (69) – A**

**“Evaluation of Novel Technologies for CO<sub>2</sub> Capture”**

Submitted by: Energy and Environmental Research Center

Request for: \$50,000; Total Project Costs; \$1,935,156

**Description of the Project:** This project will evaluate technologies that have the potential to dramatically reduce the cost of CO<sub>2</sub> capture from a dilute gas stream produced by combusting fossil fuels. The technology that has been chosen for evaluation and optimization is the Neumann System Group’s (NSG’s) NeuStream™ technology. The system has been proven at the bench scale to have potential to meet or exceed DOE’s targets for cost and efficiency of CO<sub>2</sub> capture. This project will provide larger scale data and work towards optimization of the technology.

**Technical Advisor’s Recommendation: Fund**

Fund subject to the following:

- a. Matching Funding received from all the parties.
- b. Program Management Plan including milestone chart, schedule, test matrix and specific performance criteria Submitted and approved by the Technical Advisor.

**Conflict of Interest:** Energy and Environmental Research Center