

LMFS-06-38
PROPOSAL TO SUBMIT THE NORTH DAKOTA FUTUREGEN SUBMISSION

CONTRACTOR: Energy & Environmental Research Center

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CONTRACT AMOUNT: \$130,000

Project Schedule – 7 weeks

Contract Date – 04/12/2006
Start Date – 4/12/2006
Completion Date – ~~5/1/2006~~
Revised to – 8/31/2006

Project Deliverables

Draft Proposal – 4/27/2006√
FutureGen Proposal – 5/1/2006√

OBJECTIVE / STATEMENT OF WORK

Westmoreland Coal Company and the Energy & Environmental Research Center are proposing to prepare and submit on behalf of the North Dakota Industrial Commission to the FutureGen Industrial Alliance, Inc., a proposal to locate the FutureGen Facility Host Site in North Dakota. The State's FutureGen Proposal would offer a site and lignite reserves controlled by Westmoreland near Gascoyne, North Dakota, for the location of the FutureGen power plant. FutureGen is a U.S. \$1 billion public-private partnership to design, build, and operate the world's first coal-fueled, "zero emissions" power plant. FutureGen will advance technologies to support gasification, electricity generation, emissions control, carbon dioxide capture and permanent geologic storage, and hydrogen gas production. If located in North Dakota, the FutureGen project would provide the lignite industry a model plant and position the state to develop its vast lignite reserves in a cost-effective, environmentally sound manner. Being able to develop low-cost, clean energy for our region's consumers will secure the future of the lignite industry and result in increased jobs, business growth, and tax revenue, which would benefit the state of North Dakota. The Energy & Environmental Research Center will serve as the contractor in this project.

STATUS

A FutureGen proposal was submitted to the FutureGen Industrial Alliance on May 4, 2006, on behalf of the State of North Dakota offering a site and lignite reserves controlled by Westmoreland near Gascoyne, North Dakota. North Dakota's proposal is one of twelve proposals in seven states. Bound copies of the proposal have been made and distributed. On July 25, 2006, the FutureGen Alliance announced that they had narrowed the proposed FutureGen sites to four: two in Illinois and two in Texas. Although the North Dakota site was not selected, the information gathered in the process will be useful in other projects being considered in North Dakota.