

Grant Round LXXIV Application for Proposal LRC-LXXIV (74)-A

TECHNICAL ADVISOR'S SUMMARY and RECOMMENDATION

LRC-LXXIV (74) – A

“Optimization Tools to Manage Coal Properties and Plant Operations”

Submitted by: Microbeam Technologies, Inc.;

Request for: \$299,972; Total Project Costs: \$699,972;

Principal Investigator: Steven A. Benson, Ph.D.

Project Duration: Two Years.

Description of the Project:

The goal of this project is to develop improved tools to manage lignite properties and plant operations based on measureable lignite properties that can be used to improve low-NOx cyclone operation.

Technical Advisor's Recommendation: Fund

Fund subject to the following:

- Matching Funding received from all the parties.
- Technical advisor participates in workshops to monitor progress of the project
- Tools developed are available to the LRC

Conflict of Interest:

Minnkota Power Cooperative
BNI