

# **“Energy Curriculum Project”**

**Submitted by:**

**Bismarck State College**

- Request for \$75,000; Total Project Costs \$250,000**
- Duration: 12-16 Months**

# PROJECT DESCRIPTION

- This project will create an energy curriculum program addressing North Dakota's Energy resources by providing course studies for 4<sup>th</sup> and 8<sup>th</sup> grade students. Students and Teachers will have the opportunity to learn about energy and its relevancy to North Dakota. Teachers will be trained on content and delivery of new curriculum and technology. The Energy Curriculum Project will be using North Dakota teachers to develop the curriculum modules. These teachers will be spending time writing the curriculum, directing how to best integrate it into the classroom setting, type of delivery platform that best suits the information, as well as providing input on the pilot of modules and how to best modify the content. The pilot modules will be integrated into the Bismarck Public School system and once the pilot modules have been refined, the energy curriculum will be marketed to schools to begin using the curriculum modules.

# TECHNICAL REVIEWERS' RATING SUMMARY

		Technical Reviewer		
Rating	Weighting	<u>G-31-01A</u>	<u>G-31-01B</u>	<u>Average Weighed Score</u>
<u>Category</u>	<u>Factor</u>			
Objectives	9	4	4	36
Availability	4	4	3	12
Performance Measurement	5	2	2	10
Methodology	8	4	4	32
Contribution	8	4	4	32
Awareness / Background	5	3	3	15
Project Management	3	4	4	12
Equipment / Facilities	2	4	3	6
Value / Industry-Budget	3	4	4	12
Financial Match – Budget	3	4	5	12
<i>Average Weighted Score</i>		185	182	183
<b>FUND</b>		X	X	

# TECHNICAL REVIEWER TOTALS

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- G-31-01A

Average Weighted Score: 185 out of 250

**FUND**

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- G-31-01B

Average Weighted Score: 182 out of 250

**FUND**

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# Reviewer G-031-01A Comments

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- I think educating teachers and students is critical to ND's energy future, not only from a workforce perspective, but from a social acceptance perspective as well. I would have liked to see some additional detail on why 4<sup>th</sup> and 8<sup>th</sup> grades were chosen and whether or not those are the optimum target ages for the curriculum. Targeting physical and earth science curriculums classes may also be a good fit.
- **Recommendation: Fund**

## Reviewer G-031-01B Comments

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- This project is worthy of serious consideration. However, I would like to see more detail in some aspects of the proposal, particularly the measurements of success, which need to be expanded; and budget outline.
- **Recommendation: Fund**

# **DIRECTOR'S RECOMMENDATIONS**

## **❑ To fund based upon the following contingencies**

- 1. Provide further detail of marketing strategies and implementation into the school systems.**
- 2. Define in the Final Report preliminary measures of success; including how many schools are expected to use the new curriculum and how many teachers were trained.**