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Sent: December-08-09 3:20 PM
To: deeppanukefund@pr-ac.ca
Subject: Deep Panuke Fund Call for Proposals 2009: Engineering



**ENCANA DEEP PANUKE R&D E&T FUND
CALL FOR RESEARCH AND DEVELOPMENT PROPOSALS 2009**

LETTER OF INTENT DEADLINE: Friday, January 8, 2010

EnCana Corporation is developing the Deep Panuke project located offshore Nova Scotia. EnCana has committed to fund research and development (R&D), education and training (E&T) in support of the development of Nova Scotia's offshore resources. See www.encana.com/deeppanuke

EnCana has partnered with Petroleum Research Atlantic Canada (PRAC) to assist in managing the Deep Panuke E&T and R & D Fund (the Fund), particularly the R&D aspect.

PRAC is an industry-led not-for-profit organization that funds and facilitates collaborative R&D to support the safe and environmentally-sound development of Atlantic Canada's petroleum resources.

Proposals

R&D proposals are sought under the broad theme of Engineering, in a number of disciplines. Projects may range from early phase applied research to full scale technology adaptation or development, but in all cases proponents should clearly address the commercial relevance of their proposals to the offshore petroleum industry in Nova Scotia. Proponents should also explain their research or technology development project in an international context and clearly describe what makes the proposed work distinctive or innovative.

Call Themes/Potential Topics – “Engineering”

Specific opportunities that encompass “engineering” may include:

- Asset Integrity
 - corrosion under insulation (CUI)
 - structural coatings
 - accelerated corrosion as a result of localized gaps in protective coatings
 - biological strategies/approaches to anti-fouling coatings to help in addressing marine growth/biomass on jacket legs
- Seismic/sonar and “geo” technologies
 - improvements in the design of geophysical and geotechnical tools
 - improving or enhancing data accuracy
- Field Development and transportation
 - marginal field

- gas field
- deep water
- Pipeline technology and flow assurance
- Reservoir engineering and management
- Understanding the metocean environment

While engineering innovation to support Nova Scotia's offshore industry will be the core selection criterion, other valued project attributes may include:

- High quality Research and Development (R&D) project management processes, with well-defined, focussed objectives and proven approaches, expertise, and proper project controls;
- Exportable technologies and capabilities (including intellectual property) developed in Nova Scotia;
- Growth of relevant local and regional research, technology development, education and/or training capacity, including development of partnerships between private-sector suppliers and public-sector researchers (collaboration outside of Nova Scotia is encouraged where relevant)

It is important to note that this call is open to projects or programs that may not directly relate to any of these identified themes/topics, where the proponent clearly explains the potential of their project to add tangible incremental value to Nova Scotia's offshore industry in the area of Engineering.

Applicants

Proposals are invited from any university, college, government research institution, supplier or service company, private sector research performers or consortia or alliances of any of these groups with relevant technical capabilities and capacity to perform the work. While partners from other jurisdictions in Canada or abroad are acceptable and encouraged where relevant, the portion of work supported by the Deep Panuke E&T R&D Fund must take place in Nova Scotia.

For those who have already submitted engineering-related Letters of Intent to the Fund by May 1, 2009, please note that you will be contacted by PRAC staff to discuss your proposals.

ALL applicants must submit a LETTER OF INTENT (either a re-submission of your original LOI, a revision or a new submission). To apply, please visit the PRAC website homepage at www.pr-ac.ca, and follow the link at "Deep Panuke Fund – 2009 Call for Proposals: Engineering." The deadline for LOI applications is **end of day, Friday, January 8th , 2010** to be eligible to submit a full proposal.

Please submit your LOI to deeppanukefund@pr-ac.ca

Funding

Funding available for the Call under the theme of Engineering is \$600,000 over three years, or \$200,000 per year from 2010 to 2012. While no maximum value has been assigned to a proposal, it is anticipated that more than one proposal will be funded under this Call.

To discuss your idea at any time, please contact Paul Patey, Vice President - Research at (902) 494-6633 or paul.patey@pr-ac.ca.