

EMISSIONS
REDUCTION
ALBERTA



ERA OIL SANDS INNOVATION CHALLENGE

Full Project Proposal Guidelines

Online submissions:
www.ERAadmin.ca

Deadline:
December 15, 2017
5:00 PM MST (UTC-7h)

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Legal Notice

Emissions Reduction Alberta is a registered tradename of the Climate Change and Emissions Management (CCEMC) Corporation and is referred to as ERA throughout this document. By submitting a Full Project Proposal (“FPP”), you confirm that you have read, understand and accept the information contained in this FPP guideline and that each of you, the applicant (the “Proponent”), and any project partners agree as follows:

- a) ERA may at any time suspend, terminate, cancel, withdraw, amend or alter all or any portion of this request for proposals (“RFP”) FPP stage (“FPP Stage”), including but not limited to the FPP requirements, the FPP selection and review process and the FPP eligibility criteria.
- b) ERA reserves the unqualified right to accept or reject any or all FPPs for any reason. ERA is not required to accept the highest ranked FPP nor is it required to accept any FPP recommended for funding by the applicable ERA evaluators.
- c) The final decision with respect to project approval rests solely with ERA Board of Directors (“Board of Directors”). The Board of Directors’ evaluation of FPPs may be based on, but is not in any way limited to, the criteria set out in this RFP. The Board of Directors may consider any criteria determined by the Board of Directors to be relevant to ERA’s mandate, regardless of whether such additional criteria have been disclosed to the Proponent.
- d) FPPs that do not comply with the requirements described in this RFP may be rejected in whole or in part or not considered by ERA. ERA reserves the unqualified right to accept or reject a non-compliant FPP.
- e) This RFP is an invitation for FPPs only. It is not an offer and the submission of an FPP does not create a contract or agreement of any kind between ERA and the Proponent.
- f) No conduct, act or omission of CCEMC, CCEMC operating as ERA, or its directors, officers, consultants, project advisors, agents, servants and their respective successors and assigns (collectively the “ERA Parties”) other than a written notice to the Proponent in writing signed by an authorized person for ERA, will constitute an acceptance of an FPP.
- g) Acceptance of an FPP does not create any binding contract between ERA and the Proponent. ERA shall not be obligated in any matter whatsoever to any Proponent until a written contribution agreement (“Contribution Agreement”) between CCEMC operating as ERA and the Proponent has been duly executed relating to an approved FPP.
- h) As between the parties, the FPP and all documents and materials you submit to ERA in connection with the FPP Stage and all intellectual property in and to the foregoing are the exclusive property of ERA immediately upon delivery to ERA. For clarity, this refers to the materials themselves, not to any technology or innovations disclosed or discussed in them. Intellectual property developed during the course of the project will be addressed through the Contribution Agreement and will normally be owned by the Proponent.
- i) You, the Proponent and any project partners will keep this FPP Stage confidential and will not use, reproduce or distribute it, any portion of it, or any data, information, drawings, or

specifications included in or provided with it except as necessary to prepare an FPP as requested by ERA.

- j) Neither ERA nor any of ERA Parties will have any liability whatsoever to you, the Proponent or any project partners, or any of them, in connection with this FPP Stage or any FPP prepared in response to it.
- k) You, the Proponent and any project partners will not make a claim against CCEMC, CCEMC operating as ERA or ERA Parties for any reason whatsoever or howsoever relating to this FPP Stage. You are undertaking the expenditures required to prepare and submit an FPP entirely at your own risk, and you waive any right and release ERA and ERA Parties from any demands, liability, claim or recovery for costs, expenses, or damages incurred whatsoever or howsoever arising out of or relating to this FPP Stage or any FPP prepared in response to it, whether such right or claim arises in contract, negligence or otherwise.
- l) ERA takes no responsibility for the accuracy of the information supplied during this FPP Stage process by ERA or ERA Parties.

Neither ERA nor any of ERA Parties will have any liability whatsoever or howsoever to any one or more of you, the Proponent and any project partners, or any of them, in connection with this FPP Stage or any FPP prepared in response to it.

1 Introduction

1.1 ERA

Emissions Reduction Alberta (“ERA”) is a registered tradename of the Climate Change and Emissions Management (CCEMC) Corporation. ERA was established as a key partner of the Government of Alberta to address Alberta’s Climate Leadership priorities. ERA has a mandate to identify and accelerate innovative solutions that secure Alberta’s success in a lower carbon economy. By supporting the next generation of clean technology, ERA helps Alberta build an open, sustainable and increasingly diversified economy that attracts investment, facilitates diversification, expands market access and delivers improved environmental outcomes.

1.2 Document Scope

In July 2017, ERA launched a call for Expressions of Interest (“EOIs”) seeking innovative technological solutions for improving the cost-competitiveness and greenhouse gas (GHG) emissions profile of Alberta’s oil sands industry. All EOIs received by ERA in response to this call were reviewed, and some applicants have been invited to submit a Full Project Proposal (“FPP”).

This document provides information, guidance, and requirements for submission of FPPs in response to the invitation. Submission to the FPP stage of this Call for Proposals (“Call”) is by invitation only; no unsolicited FPPs will be accepted.

2 Terms of Funding

Funding through this Call is provided for completion of a project with well-defined objectives, milestones, deliverables, and timelines. Applicants must clearly delineate the scope of the project for which the funding is being requested. Any related work completed before the project term or concurrently but outside the scope of the proposed project may be discussed in the proposal but should be clearly indicated as such.

2.1 Total Funds Available

The total funding available for projects supported through this Call is up to **\$50 million** Canadian Dollars (CAD), subject to the discretion of ERA and the availability of funds.

2.2 Maximum Contribution

The maximum contribution from ERA toward any project funded through this Call is **\$10 million CAD**.

2.3 Cost Sharing

ERA will match contributions toward eligible expenses on a maximum one-to-one (1:1) basis. As such, the maximum ERA contribution to a single project will be no more than **50%** of the project's eligible expenses.

ERA will not match other Canadian government funds (federal or provincial), offset credits associated with the project, tax incentives associated with the project (e.g. Canadian SR&ED credits), revenue from sales of the project's end-products (e.g. from offtake agreement), or non-eligible contributions. However, the presence of these elements does not disqualify a project from ERA funding.

Although ERA will only match eligible contributions, any non-eligible contributions should be noted in the FPP, as the merits of these contributions will be taken into consideration during the evaluation.

For information about eligible expenses and costs, please refer to the ERA *Eligible Expenses and Cost Instructions* document available at <http://eralberta.ca/apply-for-funding/era-oil-sands-innovation-challenge/>.

<p>Note: Applicants must justify the amount of funding requested. ERA may choose at its sole discretion to award project funding for less than the requested amount.</p>

2.4 Contribution Agreement

Successful applicants will have three (3) months after receiving the notice of funding approval to enter into a contribution agreement ("Contribution Agreement") with ERA. The Contribution Agreement will address the following elements, without limitation: project scope, work plan, milestones, deliverables, performance targets, payment schedule, reporting requirements, and terms of funding.

2.5 Project Financing

ERA will finance approved projects on a milestone basis. Specific details regarding payment of ERA's contribution in relation to the project work plan, timing, milestones, deliverables, and reporting will be specified in the Contribution Agreement.

2.6 Project Term

The maximum length for projects funded through this Call is **three (3) years** from project commencement.

2.7 Project Initiation

Projects may commence after the date on which applicants are notified of ERA funding approval. However, no disbursements will be made prior to execution of the Contribution Agreement. Project costs incurred prior to receiving notification of ERA funding approval will be considered out of scope, will not be considered eligible project costs, and are not eligible for fund matching from ERA. Furthermore, project costs incurred prior to execution of the Contribution Agreement will not be reimbursed by ERA in the event that the Contribution Agreement is not executed.

2.8 Trusted Partner Funding Leverage

ERA is working in partnership with other funding organizations in Alberta and across Canada. In some cases, there may be an opportunity for ERA to share applicants' proposals with trusted partners and explore possibilities to leverage funding available from these organizations. During the submission process, applicants will have the opportunity to have their submissions shared with ERA's trusted partners. Please note that ERA will only share these applications with partners where ERA has a non-disclosure agreement in place and for the purposes of exploring the possibility of further funding leverage from such trusted partners.

3 Submission Details

3.1 Submission Deadline

The deadline for submission of FPPs is **Friday, December 15, 2017 at 5:00 PM Mountain Standard Time (UTC-7h)**. Late submissions will **not** be accepted. Applicants are encouraged to complete their submissions well in advance of the deadline. Furthermore, ERA will not accept partial or incomplete submissions. All required content must be provided through ERA's Emissions Reduction Information Management System ("ERIMS") at <http://ERAAdmin.ca> and the submission must be finalized by completing all necessary online steps in order for the FPP to be considered complete.

Note: An automated email will be sent out by the ERIMS confirming that the application has been submitted. If a confirmation email is not received after submission, please contact ims@eralberta.ca or 780-441-6801 in advance of the submission deadline for assistance.

3.2 Process Timelines

The following timelines are anticipated for the FPP stage of this Call. Note that ERA at its sole discretion reserves the right to alter or cancel the currently-anticipated timelines.

Action	By Whom	Timing
FPP Submission Deadline	Applicants	December 15, 2017
FPP Oral Presentation	Applicants	February 2018
Funding Decision Notification	ERA	March 2018

3.3 Submission Process and Content

All FPPs must be submitted using the ERIMS at <http://ERAAdmin.ca>. Users must create an account and complete all mandatory forms to submit an application.

Each submission must consist of the following:

1. **Full Project Proposal Document:** This document will form the basis of ERA's evaluation, and must fully address each of the evaluation criteria.
2. **Appendix A – GHG Quantification Report:** This document must be uploaded separately to the ERIMS (see Appendix A).
3. **Appendix B – Applicant Financial Report:** This document must be uploaded separately to the ERIMS (see Appendix B).
4. **Appendix C – Detailed Project Budget:** This document must be uploaded separately to the ERIMS (see Appendix C).
5. **Appendix D – Letters of Commitment:** Letters of commitment from partnering organizations, funding sources, site hosts, etc., may be uploaded as an appendix to the FPP document (see Appendix D).
6. **Project Information:** Certain project details must be entered directly to the ERIMS, including a project overview and financial information.

Note: Only the required documents may be provided. Any additional attachments or materials will not be considered.

3.4 Submission Standards

A response template will be provided on the ERIMS for the FPP document during the application process. Applicants **must** use the response template to ensure that all necessary information is provided in a consistent and practical manner. Applications that fail to use the template may not be considered.

The final FPP document must be uploaded in PDF format and may be no more than thirty-five (35) letter-sized (8.5" x 11") pages in length, including all text, graphics, and tables. **Any extra pages beyond the limit will be removed from the document and will not be considered by the evaluators.** The document must use Calibri or Arial 11-point font with a minimum of 1.0 line spacing. Margins must be no smaller than 2.54 cm (1"). Only one document may be uploaded per submission. The document must be written entirely in English.

Note: The thirty-five (35) page limit does not include Appendices A, B, C, and D, or information entered directly into the ERIMS.

3.5 Project Advisor

An ERA project advisor has been assigned to each FPP in order to serve as the primary point of contact with ERA. The project advisor's role is to assist applicants during preparation of their FPP submission. Contact information for the assigned project advisor is provided in the FPP invitation letter. Applicants are encouraged to contact their project advisor at an early date in order to provide sufficient time for assistance and response to enquiries.

3.6 Oral Presentation

All applicants will be invited to make a presentation to ERA after their FPPs have been submitted. Further information regarding these presentations, including the time and location, will be provided to each applicant by ERA before the scheduled timeframe. Applicants are encouraged to ensure that someone is made available to present at the allotted time.

4 Evaluation

4.1 Methodology

FPPs will be evaluated based on their potential to achieve the overarching goals of ERA's methane challenge. Each FPP will be assessed using the evaluation criteria below to determine how well each FPP aligns with a set of overarching objectives. Each of these criteria contributes to the overall potential associated with the proposed projects. All final funding decisions will be made by ERA's Board of Directors.

Criterion	Weighting
Opportunity	35 Total
1 Technology Strength and Advancement	10
2 Competitive Advantage and Cost Impacts	15
3 Market Potential	10
Outcomes	40 Total
4 GHG Benefits	20
5 Economic Benefits to Alberta	15
6 Ancillary Benefits	5
Implementation	25 Total
7 Work Plan and Budget	5
8 Commercialization Pathway and Knowledge Transfer	10
9 Financing Plan	5
10 Project Team and Collaboration	5

4.2 Evaluation Criteria

The evaluation criteria for this Call are described below. Further information about how to address each of the criteria is provided in the FPP response template.

Opportunity

1. **Technology Strength and Advancement | Weight: 10**
Proposals will be evaluated on the strength of the technology, including the scientific basis for the process and novelty of the solution, and the extent to which the proposed project will achieve meaningful technological advancement.
2. **Competitive Advantage and Cost Impacts | Weight: 15**
Proposals will be evaluated on the competitiveness of the proposed solution, including advantages relative to existing and nascent technologies, and potential improvements related to the cost competitiveness of Alberta's oil sands operations.
3. **Market Potential | Weight: 10**
Proposals will be evaluated on the strength of the market opportunity, including the size of addressable market(s) and alignment of the technology with market needs.

Outcomes

4. **GHG Benefits | Weight: 20**
Proposals will be evaluated on the potential to reduce GHG emissions from Alberta's oil sands industry in the near term, by 2025, 2030, and beyond. This includes reductions directly resulting from implementation of the project, from future commercial implementations (e.g. retrofits at existing sites relative to historic operation, new builds), and from broader adoption across the industry.
5. **Economic Benefits to Alberta | Weight: 15**
Proposals will be evaluated on the potential for economic benefits in Alberta, including increased employment, attraction of investment capital, increased resource revenues, economic diversification, and improved export potential.
6. **Ancillary Benefits | Weight: 5**
Proposals will be evaluated on the potential to provide additional benefits relevant to the oil sands industry, including reduced environmental impacts (e.g. related to air quality, water consumption, and land use), improvements that will assist with regulatory compliance, collaboration with Alberta's post-secondary and research institutions, and development of highly-skilled personnel.

Implementation

7. **Work Plan and Budget | Weight: 5**
Proposals will be evaluated on the strength of the project plan, including how well developed the work structure is, whether the key elements are present to enable meeting project objectives, and the quality of task/category breakdown in the work plan and budget.
8. **Commercialization Pathway and Knowledge Transfer | Weight: 10**
Proposals will be evaluated on the plan for advancement toward commercial implementation, including the strategy for market entry, the proposed business model, and the plan for customer engagement. This also includes the approach to knowledge transfer and dissemination of learnings, and how this will lead to widespread market adoption.
9. **Financing Plan | Weight: 5**
Proposals will be evaluated on the applicant's financial ability to carry out the proposed project, including the financial position of the applicant organization, the level of non-ERA funding that is confirmed or in discussion, and the justification for seeking ERA funding.

10. Project Team and Collaboration | Weight: 5

Proposals will be evaluated on the expertise and capability of the project team to carry out the proposed project and advance toward commercialization, including the level of commitment from key team members and partners, as well as additional capacity provided by strategic partners to support commercialization and widespread adoption of the technology.

4.3 Note on Proposal Quality

The FPP evaluation process is highly competitive and only the highest-quality projects will be considered for funding. Success in this Call depends on the quality of the FPP submitted. In this regard, “quality” means the merits of the proposal in terms of both the potential for impacts based on the assessment criteria and how well the criteria are addressed, including completeness and clarity. It is incumbent on each applicant to communicate the proposed project’s merits through the responses provided in the FPP.

5 Intellectual Property

Intellectual property will be addressed through the Contribution Agreement between ERA and each successful applicant, and will be specific to the circumstances of each project. However, a few general principles apply:

- Background IP (patents, copyright, software) and third-party technology remains with its original owner(s).
- ERA retains rights to project results, including without limitation the technical data, reports, analysis, and discussion.
- Project outcomes, results and learnings will normally be made publicly available at the conclusion of the project.
- Project technology (based on patent disclosures) developed as a part of the co-funded activities will be owned by the successful applicant. However, successful applicants will be expected to commercialize and/or make the technology available through reasonable commercial terms for the benefit of Alberta, failing which ERA has a number of options available to it.

6 Confidentiality

ERA is subject to the *Freedom of Information and Protection of Privacy Act*, RSA 2000, c.F-25 in the course of performing duties and functions and exercising powers delegated to it. All data and records in the custody or under the control of ERA that are required in the performance of duties or

functions or the exercise of powers delegated to ERA are subject to the *Records Management Regulation*, Alta Reg. 244/2001.

Subject to the requirements described above, ERA is governed by a comprehensive Privacy, Data Security and Confidentiality Policy (the “Policy”). The Policy requires that any and all information concerning the business affairs of ERA and its directors, officers, employees and applicants is to be kept private, secure and confidential. Confidential information that is collected, used or disclosed by ERA will be handled in a manner that recognizes both the right of the individual to have his or her confidential information protected and the need of ERA to collect, use and disclose such information for purposes that are reasonable.

To read the entire Policy, visit <http://eralberta.ca/privacy/>.

Appendix A: Greenhouse Gas Reduction Report

The following information must be presented in your GHG emission reduction report, to be submitted online as Appendix A as part of your application.

Please note that if there is an applicable and current Alberta Offset Protocol, please use the quantification methodology described in the Protocol.

A. GHG Assertion

The GHG assertion must include the following information:

- 1) Estimated emission reductions/removal enhancements from the project to 2025, 2030, and 2040; and
- 2) Estimated emissions intensity reduction (e.g. per barrel of oil, etc.) at commercial implementation of the technology in Alberta, including likely date of commercialization and life expectancy of technology.

B. The Project

The following information, specific to each project, must be provided:

- 1) Material sources and sinks used to calculate the emissions in the project;
- 2) The calculations used to estimate the emissions and removals from the sources and sinks in the project; and
- 3) An indication of whether the project site will be either located at a facility subject to Alberta's *Specified Gas Emitters Regulation*, applying for offset credits within Alberta's emissions offset system, or neither.
- 4) A description of the quality (e.g., temperature, pressure, concentration, maximum contamination levels, etc.) of the feedstock required as feedstock for your process.

C. The Baseline

A description of the baseline must contain the following information:

- 1) Identification of industry average methods of providing the technologies services and products (i.e., the industry average baseline);
- 2) The current methods of providing the technologies, services or products, if different from industry average methods;
- 3) Material sources and sinks used to calculate the emissions in the industry average baseline and current baseline, if different from industry average; and
- 4) The calculations used to estimate the emissions and removals from the sources and sinks in the industry average baseline and current baseline, if different from industry average.

D. The Commercial Unit

The following information must be provided for a typical commercial unit (actual or potential) using the technology proposed in this Proposal:

- 1) A description of the smallest size of the technology that can be used/deployed independently (i.e. the commercial unit);

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- 2) Material sources and sinks used to calculate the emissions for the commercial unit;
 - 3) The calculations used to estimate the emissions and removals from the sources and sinks in the commercial unit;
 - 4) The production or supply requirements from the smallest commercial unit depending on what is used to calculate the GHG intensity; and
 - 5) A baseline description that was used to calculate the GHG intensity.

E. Alterations to the Baseline

Identification of situations that may alter the baselines, which can include:

- 1) Current or impending laws or regulations that may affect emissions from the baselines, project or commercial unit; and
- 2) When end of life occurs for the historical baseline.

F. Functional Equivalence: Describe the functions and services provided by the baseline, project and commercial unit and justify whether the baseline, and the project and commercial unit provide the same services and products.

G. Market Estimates: The following information must be provided about the market. If there are multiple markets, this information must be provided for the target market. Other markets are optional:

- 1) The market size using production units or supply units using a recent date;
- 2) The expected greenhouse gas intensity (tonnes CO₂e/unit of production or supply units) for a commercial unit;
- 3) The expected date of first commercial deployment (first commercial unit); and
- 4) The expected life span of the technology in its commercial setting.

H. Associated Estimates: Associated emission reductions are those emission reductions that result from modifications of downstream activities (e.g. the storage component of CCS or behaviour modification programs). If applicable, provide the greenhouse gas intensity (tonnes CO₂e/unit of production or supply) for a commercial unit and expected implementation date for the associated emission reductions.

I. For Technologies that Access New Markets and/or Resources: If your technology is accessing new markets or resources, describe the new market or resource to be accessed, and how it differs from the current situation.

J. GHG Risks: If there are unusual or unanticipated uncertainties associated with the GHG measurements and calculations, please describe how they affect the assertion.

K. Future Verifiability: Provide a brief description of the data management systems used to collect information for the GHG assertion for the project, the commercial unit and any conditions in the baseline that require monitoring.

Additional Information: The following is provided here to assist GHG reduction calculations:

- **General**
 - GHG emissions should be expressed in metric tonnes of CO₂e with prefix multipliers (e.g., kilo, mega, micro), if appropriate.
 - GHG emission intensity should be expressed in tonnes CO₂e/unit product with prefix multipliers, if appropriate.
 - Standard temperature is 15°C and standard pressure is 1 bar;
 - ERA considers GHG sources and sinks that are less than 5% of the emission reduction to be immaterial.
 - The Global Warming Potentials specified in the 2007 IPCC (fourth report) are to be used.
 - If there is an applicable Alberta Offset Protocol, please use the quantification methodology prescribed in the Protocol.
- **Baseline:**
 - Any GHG emissions reduction is relative to a baseline (or reference).
 - In many cases, the most appropriate baseline will be the industry average practices.
 - If you believe an alternative baseline is more appropriate, please contact the ERA at 403-607-7871 (Dr. Christine Schuh) to discuss its application prior to submission.
 - In all cases, the choice of baseline needs to be **identified and well justified**.
- **GHG emissions intensity reduction:**
 - GHG emissions intensity refers to the greenhouse gas emissions per unit of production, expressed in units of *tonnes CO₂e / unit production*.
 - A reduction in GHG emissions intensity represents a decrease of GHG emissions intensity for the same product (see functional equivalence below).
- **Functional equivalence:**
 - It is important to ensure that there is functional equivalence between the baseline and the proposed technology.
 - Functional equivalence means that the same functionality is provided in both the baseline and project conditions. For example, a more energy efficient light bulb would need to provide the equivalent amount and quality of light in order to be considered functionally equivalent.
- **Life cycle basis:**
 - ERA does not require a full GHG life cycle analysis for the project emission reductions, but does require a life cycle approach.
 - GHG emission sources that do not need to be quantified in the life cycle are those with equal representation in the baseline and project (e.g., they have the same emission factor and activity level) or those that are immaterial to the emission reduction.
- **Commercial-scale implementation:**
 - For technology development and small demonstration projects, there are not likely GHG emissions reductions directly from implementation of the project, but rather if the proposed technology were to be adopted at a commercial scale.

- In these cases, it is important to provide an estimate of the GHG emissions reduction intensity at the commercial scale (e.g. commercial-sized facility), and to clearly describe the scale of commercial operations used for quantification.
- **Market size:**
 - Choice of production or supply to estimate the market is based on which aspect restricts the market size the most.
 - To estimate the market deployment GHG reduction potential, it is important to understand and clearly describe the market size in units of production or supply that would be realistically applicable for the proposed technology.
 - There may be more than one applicable market for the technology.
 - In cases where markets are growing or changing, the anticipated market development should be described and well justified.

A table is provided below as an example of how annual GHG emissions reduction estimates can be presented. The total GHG emissions from sources in the project subtracted by the total GHG emissions from sources in the baseline represents the annual emissions reductions.

Emission Source	Activity Level		Emission Factor		Volume of Gas Released (STP) m ³ /yr			Emissions kg/yr			Emissions kg CO ₂ e/yr			Total Emissions kg CO ₂ e/yr
		Unit		Unit	CO ₂	CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O	CO ₂	CH ₄	N ₂ O	

Appendix B: Applicant Financial Report

The following information must be included in a financial report and submitted online as part of the application. For further guidance, please contact Heather Stephens at hstephens@eralberta.ca.

1. Organizational description – Including but not limited to the following:
 - a) A description of what the Applicant does (i.e. industry, product/service offering);
 - b) Number of employees in the Applicant organization (as time of application);
 - c) When did the Applicant incorporate and where is it located;
 - d) Whether the company is privately held or publicly traded;
 - e) Indicate whether the Applicant is a wholly owned subsidiary and provide information on the parent company (e.g. name, industry, location, etc.);
 - f) If the Applicant is not a wholly owned subsidiary, indicate who the majority shareholders are (include capitalization table); and
2. Financial statements (including balance sheet, income statement, cashflow, notes to the financial statements and if available, management discussion and analysis) for the preceding 2 fiscal years. If available, please include the most recent interim internal financial statements and cash flow projections. If financial statements are publicly available, you may refer to the location on your website or SEDAR/EDGAR where they can be found.
3. Letter of credit or bank reference letter from the relevant financial institution, or parent company showing guarantees relating to the Applicant's or any Project partners' credit (if no public credit ratings are available).
4. Documentation and a corresponding dollar value relating to any of the following (if applicable):
 - a) Any current or potential litigation;
 - b) Any significant commitments and contingencies outside the normal course of business;
 - c) Description of any other significant projects under consideration or currently being undertaken by the Applicant.

Appendix C: Detailed Project Budget

All applicants must complete and upload a detailed budget using the Excel template provided on the ERIMS. The completed budget must be uploaded in the original Excel format. For further guidance, please contact Heather Stephens at hstephens@eralberta.ca.

Note: Applicants should review the ERA *Eligible Expense and Cost Instructions* document available on <http://eralberta.ca/apply-for-funding/era-oil-sands-innovation-challenge/> to determine if budgeted costs are compliant with these instructions. Please indicate any costs which do not follow this guidance. In addition, any non-cash contributions should be separately identified.

Appendix D: Letters of Commitment

Applicants are encouraged to provide signed letters of commitment and letters of support from project partners, including financing entities, potential end users, industry partners, and others. Signed letters should be converted to PDF and combined into a single document, and should include the following information:

- Name of partner;
- Summary of participation in the proposed project;
- Details of funding commitments and any timelines or conditions associated with the confirmation of these or other restrictions placed on the funding provided by the partner; and
- Original signature from an Officer of the Company able to legally commit funds from the company or organization.