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| ***INFRASTRUCTURE RFA TEMPLATE 2016*** |

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| Project and applicant information | | | | | | | | |
| **Project Name** |  | | | | | | | |
| Legal Company Name(s) |  | | | | | | | |
| Royalty payor code |  | | |  | | | | |
| Contact Name |  | | | Contact Phone | |  | | |
| Contact e-mail |  | | | | | | | |
| **PARTNER APPLICANT(S) – PARTNER #1** | | | | | | | | |
| Legal Company Name(s) |  | | | | | | | |
| Royalty payor code |  | | |  | | | | |
| Contact Name |  | | | Contact Phone | |  | | |
| Contact e-mail |  | | | | | | | |
| **PARTNER APPLICANT(S) - PARTNER #2** | | | | | | | | |
| Legal Company Name(s) |  | | | | | | | |
| Royalty payor code |  | | |  | | | | |
| Contact Name |  | | | Contact Phone | |  | | |
| Contact e-mail |  | | | | | | | |
| **Survey Questions** | | | | | | | | |
| How did you find out about the Infrastructure RFA 2016? Please check all that apply: | | | | | | | | |
| Daily Oil Bulletin | |  |  | | Past Applicant | |  |  |
| Ministry’s Email Notification | |  |  | | Ministry News Release | |  |  |
| Media | |  |  | | Webinar: | |  |  |
| Word of Mouth | |  |  | | Other (specify): | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | | | | | | | | |
| ***Please review the Infrastructure RFA 2016 in Section D - Application Instructions for details in completing the RFA Template and submitting an application.*** | | | | | | | | |
| All questions in the Infrastructure RFA Template should be answered fully for evaluation purposes. If any questions are not addressed in the Template, the application will not be scored for full marks and may not receive the minimum required percentage for advancement to the next stage of evaluation. | | | | | | | | |

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| **FOR EVALUATION CRITERIA - PLEASE COMPLETE THIS TEMPLATE FOR THE RFA SUBMISSION** | | | | | | | | | | | | | | | | | | | | | |
| 1. **Project Details (double click on box to tick)** | | | | | | | | | | | | | | | | | | | | | |
| **ROAD:** OGC Permit Road Type: | | | | Oil and Gas Road | | | | | | | |  | | Forest Services Road or Mining Access Road | | | | | |  | |
| Total amount of Kilometers of Project | | | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | DO NOT use this space | | | | | | | | | | |
| Road Construction | | | | | | Upgrade | | |  | | New | |  | | | New and Upgrade | |  | | | |
| OGC Permit Application Applied: | | | Yes / No | | | | \_\_\_\_\_\_\_\_\_\_\_\_ | | | OGC File # | | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | (if applicable) | | |
|  | | | | | | | | | | | | | | | | | | | | | |
| **PIPELINE:** Type: | | | OGC Authorized | | | | |  | | | NEB Authorized | | | | |  | | | | | |
| Total amount of Kilometers of Project | | | | | | | | \_\_\_\_\_\_\_\_\_\_\_\_ | | | Pipeline diameter(s): | | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | |
| OGC Application Applied: | | | Yes / No | | | | | \_\_\_\_\_\_\_\_\_\_\_\_ | | | OGC File # | | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (if applicable) | | |
| NEB Application Applied: | | | Yes / No | | | | | \_\_\_\_\_\_\_\_\_\_\_\_ | | | NEB File # | | | | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | (if applicable) | | |
| **Fluid Type:** | Sour |  | | | H2S content | | | \_\_\_\_\_\_\_\_\_\_\_\_ | | | Sweet | | |  | | Water |  | | Oil | |  |

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| 1. **Detailed description of project** |
| 2.1 Please provide a **detailed** explanation of the project and a description of the scope of the project, including describing the route and location the project will encompass. Please include any construction phases (i.e. timelines encompassing several years or phases in construction). Advise on construction of any segments of pipelines or roads (i.e. indicate if there are separations between roads or pipelines, network of roads, pipeline diameter changes). Also explain the reasons the Applicant intends to build the project (may use information submitted in Cover Letter). [Space is not limited in any response]. |
|  |
| 2.2 Please provide details of the drilling and production performance expected (production rates and reservoir plays) for the project in terms of the location area, formation/zone, and or seismic information available. Also include the expected number of wells to be produced over the next five years. |
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| 2.3 Please provide details on your plans to ensure access to market for oil and gas produced by this project (pipelines, plants, capacity availability, etc.). |
|  |
| **2.4: Complete the Summary of Project Work and Step(s) on the following page. Select either road or pipeline project as applicable.**  **PLEASE NOTE:** This document will be used to create the Agreement Schedule A information for an approved project. *If you need more rows or more space, just insert them to fit your needs.*  **Please describe the project** in detail and include the following: kilometers of project, land descriptions (well locations), construction components/segments (phases), construction standards, royalty credit request, etc.  **Start and Completion Dates:** Please provide dates for project start and completion, and construction start and completion dates, step completion dates.  **Note:** Project start and completion dates will comprise the timeframe where eligible costs will be incurred for the project. If any costs are incurred before or after these dates they may be deemed an ineligible cost, unless these costs are captured on the new **Schedule D – Special Equipment, Inventory or Services** contained in the Project Agreement.  **Please refer to the Infrastructure RFA Guidance Document**: Example of a completed Infrastructure RFA Template, to review how to fully complete the Summary of Project Work and Step(s).  The construction estimated costs are based on Section 3. Estimate Project Cost.  Please review this section to determine the eligible cost for construction.  Use of Steps: Steps are to be used for projects which are completed in construction phases which complete over several years. The Ministry suggests the use of Steps be limited. |

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| *Summary of Project Work and Step(s) Table*  ***ROAD PROJECT*** | | | |
| **DESCRIPTION OF PROJECT: Please describe the project** – Must Include: length of kilometers of project, area description, construction components/segments (phases), construction standards, etc. and location, timing and number of new wells to be drilled and produced as a result of the project. | | | |
|  | | | |
| **Project Start date**  (whole project) (mm/dd/yyyy) |  | **Project Completion Date**  (whole project) (mm/dd/yyyy) |  |
| **Construction Start date**  (whole project) (mm/dd/yyyy) |  | **Construction Completion Date** (whole project)(mm/dd/yyyy) |  |

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| **Construction Start date**  **for Step 1** (mm/dd/yyyy) |  | | **Construction Completion Date for Step 1** (mm/dd/yyyy) | |  | |
| **ProjectStep 1:** *Components* | | **Expected Completion**  **Date** (mm/dd/yyyy) | | Estimated Completion **Cost** | | **Maximum Royalty Deduction** |
| *Planning* (surveying, applications and design) | |  | | $ | | DO NOT use this space |
| *Construction* (clearing of right of way , installing culverts, road and/or bridge construction) | |  | | $ | |
| G*raveling*(sub-grade and running surface) | |  | | $ | |
| *Clean Up* | |  | | $ | |
| **Total** | | DO NOT use this space | | **$** | | **$** |

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| **Construction Start date**  **for Step 2** (mm/dd/yyyy) |  | | **Construction Completion Date for Step 2** (mm/dd/yyyy) | |  | |
| **Project** **Step 2:** *Components* | | **Expected Completion**  **Date** (mm/dd/yyyy) | | Estimated Completion **Cost** | | **Maximum Royalty Deduction** |
| *Planning* (surveying, applications and design) | |  | | $ | | DO NOT use this space |
| *Construction* (clearing of right of way , installing culverts, road and/or bridge construction) | |  | | $ | |
| G*raveling*(sub-grade and running surface) | |  | | $ | |
| Clean Up | |  | | $ | |
| **Total** | | DO NOT use this space | | **$** | | **$** |
|  | | | | | | |
| **GRAND Total for all steps** | | DO NOT use this space | | **$** | | **$** |

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| --- | --- | --- | --- |
| *Summary of Project Work and Step(s) Table*  ***PIPELINE PROJECT*** | | | |
| **OVERALL DESCRIPTION OF PROJECT: Please describe the project –** Must Include: length of kilometers of project, area description, pipeline start and end locations, construction components/segments (phases), and location, timing and number of new wells to be drilled and produced as a result of the project. | | | |
|  | | | |
| ***Project Start date***  *(whole project) (mm/dd/yyyy)* |  | ***Project Completion Date***  *(whole project) (mm/dd/yyyy)* |  |
| ***Construction Start date***  *(whole project) (mm/dd/yyyy)* |  | ***Construction Completion Date*** *(whole project)(mm/dd/yyyy)* |  |

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| **PROJECT STEP 1: - Description of Project Step 1:** | | | | | | |
|  | | | | | | |
| **Pipeline Standards for Project Step 1:** | | | | | | |
|  | | | | | | |
| **Construction Start date**  **for Step 1** (mm/dd/yyyy) |  | | **Construction Completion Date for Step 1** (mm/dd/yyyy) | |  | |
| **ProjectStep 1:** *Components and Segments* | | **Expected Completion**  **Date** (mm/dd/yyyy) | | Estimated Completion **Costs** | | **Maximum Royalty Deduction** |
| **Design** (planning, applications and surveying) | |  | | $ | | DO NOT use this space |
| **Construction** (clearing, ditching, stringing and welding, etc.) (**OGC/NEB** documentation, e.g. Notice of Construction Start) | |  | |  | |
| **Segment #1 – Description of location** | |  | |  | |
| **Segment #2 – Description of location** | |  | | $ | |
| **Construction**  (compressor station, gas dehydrator, or facility) | |  | |  | |
| **Testing** (hydro or pneumatic)  **Pipeline Commissioning** (OGC/NEB documentation / Notice of Leave to Open ) | |  | | $ | |
| **Clean up** | |  | | $ | |
| **Total** | | DO NOT use this space | | **$** | | **$** |

**Use the following if the project is constructed over several years or has distinct steps.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PROJECT STEP 2: Description of Project Step 2:** | | | | | | |
|  | | | | | | |
| **Pipeline Standards for Project Step 2:** | | | | | | |
|  | | | | | | |
| **Construction Start date**  **for Step 2** (mm/dd/yyyy) |  | | **Construction Completion Date for Step 2** (mm/dd/yyyy) | |  | |
| **ProjectStep 2:** *Components and Segments* | | **Expected Completion**  **Date**  (mm/dd/yyyy) | | Estimated Completion **Costs** | | **Maximum Royalty Deduction** |
| **Design** (planning, applications and surveying) | |  | | $ | | DO NOT use this space |
| **Construction** (clearing, ditching, stringing, welding, etc.) (**OGC/NEB** documentation, e.g. Notice of Construction Start) | |  | |  | |
| **Segment #1 – Description of location** | |  | |  | |
| **Segment #2 – Description of location** | |  | | $ | |
| **Construction**  (compressor station, gas dehydrator, or facility) | |  | |  | |
| **Testing** (hydro or pneumatic)  **Pipeline Commissioning** (OGC/NEB documentation / Notice of Leave to Open ) | |  | | $ | |
| **Clean up** | |  | | $ | |
| **Total** | | DO NOT use this space | | **$** | | **$** |
|  | | | | | | |
| **GRAND Total for all steps** | | DO NOT use this space | | **$** | | **$** |

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| **2.4 Road Projects:**  **Please complete the ROAD LAYOUT AND DESIGN TABLE below.**  **This information will be used for the Project Agreement Documentation.** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Road Layout and Design Table** | | | | |
| Project Name: | |  | Company Name: |  |
|  |  | | | **Design Information** | |
|  | Road Type: (Oil and Gas Road, Forest Services Road or Mining Access Road) | | |  | |
|  | ROAD Length (Km) | | |  | |
|  | Road Location – Start (NTS / TWP) | | |  | |
|  | Road Location – Finish (NTS / TWP) | | |  | |
|  | Road Width: (M) | | |  | |
|  | Road Base Depth: (M) | | |  | |
|  | Depth Of Gravel: (mm) | | |  | |
|  | Right Of Way Width: (M) | | |  | |
|  | Road Subgrade Width: (M) | | |  | |
|  | Number Of Pullouts: | | |  | |
|  | Distance Between Pullouts: (M) | | |  | |
|  | Minimum Fill Depth: (M) | | |  | |
|  | Maximum Grade: (%) | | |  | |
|  | Minimum Side Slope: (Ratio) | | |  | |
|  | Number Of Bridges: (if applicable) | | |  | |
|  | Bridge Design Load: (T) | | |  | |
|  | Minimum Cross-Drain Culvert Size: (mm) | | |  | |

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| **2.5 Pipeline Projects:**  **Provide Oil and Gas Commission - “Notice to Construction Start Application” (if available at time of RFA)**  **OR**  **National Energy Board - Pipeline Application (if available at time of RFA)**  **These applications will be inserted into the Agreement Documentation.** |

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| **3. Estimated Project Cost and Royalty Deduction Allocation** | | |
| Please include an itemized cost estimate breakdown for the proposed project, including all design, construction, engineering, financing, approvals, materials and installation, and any other applicable costs; examples of the level of detail required for road or pipeline projects are provided on the following pages.  **The Ministry does not accept contingency, applicable federal taxes, administration and overhead costs as part of the cost estimates. Please refer to the Infrastructure RFA– 2016 document, Section C “Additional Definitions – 6. Eligible Project Costs” for further clarification of construction costs.**  **PLEASE NOTE: the Amount of Royalty Deduction Requested below will be used to determine the amount of royalty deduction the Ministry will use in evaluating the project, and if successful, that amount would be allocated to the project. You must indicate in the application the amount of royalty deduction requested.** | | |
| 3.1 | Estimated Cost Amount to Build Project | $ |
| 3.2 | **Amount of Royalty Deduction Requested:** | $ |
| 3.3 | Provide the Percentage of Royalty Deduction Requested if less than 50% | % |
|  | | |
| 3.4.1 | Producer Company #1 - % split of Royalty Deduction Requested: | % |
| 3.4.2 | Producer Company #2 - % split of Royalty Deduction Requested: | % |
| 3.5 | Provide a **Cost Estimate Breakdown Table** (road or pipeline) with as much detail as possible. (see examples on the following pages).  **Please provide this in a separate excel spreadsheet – see examples on pages 10-11 for more information.** | |

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| **COST ESTIMATE BREAKDOWN (EXAMPLE FOR ROAD PROJECT)** | | | | | |
| **DESCRIPTION** | **AMOUNT** | | **UNIT PRICE** | | **TOTAL** |
|  |  |  |  |  |  |
| Trucking Construction Equipment | 100 | Hrs | $ | / Hr | $ |
| Road Construction -Pre-build | 280 | meters | $ | m | $ |
| Road Construction Upgrade | 320 | meters | $ | / M | $ |
| Road Construction New | 800 | meters | $ |  | $ |
| Blasting required - m of access | 80 | M³ | $ | / M³ | $ |
| Gravel access ( supply, deliver, and spread) | 34 | M³ | $ | / M³ | $ |
| Miscellaneous Materials | 1 |  | $ |  | $ |
| Geo-Fabric | 40 | Rolls | $ | Roll | $ |
| Silt Fence | 20 |  | $ |  | $ |
| Signs | 40 | Unit | $ | / Unit | $ |
| Culverts- 1200 mm | 10 | m | $ | m | $ |
| Culverts- 600 mm | 500 | m | $ | m | $ |
| Culvert Delivery | 3 |  | $ |  | $ |
| Culvert Markers | 100 |  | $ |  | $ |
| Rip Rap | 40 | culverts | $ | culvert | $ |
| Medic | 100 | days | $ | day | $ |
| Supervision | 100 | days | $ | day | $ |
| Camp Site Construction | 1 |  | $ |  | $ |
| Camp Set up | 1 |  | $ |  | $ |
| Camp | 100 | days | $ | day | $ |
|  |  |  |  |  |  |
|  |  |  |  | ***Total*** | $ |
|  |  |  |  |  |  |
| ***Bridge Construction Segment*** |  |  |  |  |  |
| Bridge Purchase & Install- 60 ' | 2 | Unit | $ | / Unit | $ |
|  |  |  |  |  | $ |
|  |  |  |  | ***Total*** | $ |

**COST ESTIMATE BREAKDOWN (EXAMPLE FOR PIPELINE PROJECT)**



*Please answer the following questions:*

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| **4. Project Business Case** |
| 4.1 Will the project “open up” areas of British Columbia to petroleum exploration and development through the construction of new/upgraded roads providing all season access or pipeline and related facilities infrastructure, which enables new or expanded oil and gas production from new or oil and gas drilling?   Please explain: |
|  |
| **5. Benefits Attributable to the Province** |
| 5.1: Explain if, and by how much, the royalty credit would accelerate the construction of the project. |
|  |
| Please provide the number of years the royalty credit would accelerate the project: **\_\_\_\_\_\_\_ number of year(s)** |
| **6. Risks and Significant Issues** |
| 6.1: Please identify the project risks and steps that will be taken to control and mitigate them. (e.g., insurance, poor drilling outcomes, changes in corporate focus and capital budgets, scope revision, construction cost increases): |
|  |
| 6.2: Please Identify any significant issues and how they will be resolved; (e.g., permit requirement, rights-of-way, access rights, First Nations consultations, Trapper issues, etc.): |
|  |