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# RFP APPENDIX A2017R Renewable Project Technical Specification

**[INCLUDED AS SEPARATE ATTACHMENTS]**

# RFP APPENDIX BNotice of Intent to Bid and Information Required in Bid Proposals

This is to declare that the undersigned intends to respond to PacifiCorp’s Request for Proposals, Renewable Resources (2017R RFP):

**Request for Proposals, Renewable Resources (2017R RFP)**

|  |  |
| --- | --- |
| Bidder Company (legal entity of intended signatory to a contract) |  |
| Company Ownership (direct and indirect owners of Company; include organizational chart)  |  |
| Contact Person |  |
| Mailing Address |  |
| Phone(s) |  |
| Fax |  |
| Email |  |
| Number of Bids |  |
| Resource type: New wind or repowered existing wind project |  |
| Structure of each bid: BTA or PPA |  |
| If a PPA, indicate term in years (inclusive of PPA extension, if applicable) |  |
| Size of each bid asset in MW capacity (nominal) |  |
| Location (County, State) (GPS coordinates) |  |
| Estimated Commercial Operation Date (month/year) for each bid or bid alternative |  |

**PacifiCorp Affiliate Certification**

By signing below Bidder represents that (a) neither Bidder Company nor any affiliate of Bidder Company has an affiliate relationship (whether by ownership, joint venture or other association) with PacifiCorp or any PacifiCorp affiliate; (b) the proposed bid(s) is for power generated by facilities that are not owned by, or otherwise associated with PacifiCorp, or any PacifiCorp affiliate. For purposes of this certification, PacifiCorp affiliates include any affiliates of Berkshire Hathaway, Inc. A list of Berkshire Hathaway, Inc., affiliates will be provided upon request.

|  |  |
| --- | --- |
| **Authorized Signature** |  |
| **Print Name** |  |
| **Title** |  |
| **Date** |  |

**Bidders who intend to be considered as part of this RFP process must return both the “Intent to Bid Form” (Appendices B) and the “Bidder’s Credit Information” (Appendix D) as set forth below.**

Bidders shall submit an electronic copy of Appendix B and Appendix D to the following PacifiCorp and IE’s email addresses, no later than **5:00 p.m. Pacific Prevailing Time on Monday, October 9, 2017.**

Email: rfp\_2017R@pacificorp.com

 frank.mossburg@bateswhite.com

 waynejoliver@aol.com

**Information Required in Bid Proposals**

This Appendix B describes PacifiCorp’s expectations and requirements for the 2017R RFP bids. In general, PacifiCorp expects bidders to provide any information that could impact the cost, reliability, dispatch frequency, or output capability of a resource. **RFP Appendix E-1 - PPA Instructions to Bidder** and **RFP Appendix F-1 – BTA Instructions to Bidder** provide additional detail on bid document deliverables. Due to differences between PPA and BTA bids and the other alternative ownership structures, bidders should pay strict attention to instructions to ensure bids are in compliance with the instructions as outlined. For example, certain items in RFP Appendix B will only apply to BTA proposals (as explained in the instruction document).

PacifiCorp believes the resource attributes that will define a renewable wind resource project consist of, but may not be limited to, the following information categories:

**Impact of Ambient Conditions on Output** – Bidder must provide the expected performance of the resource as it varies with ambient conditions and other factors that will impact the performance of the resource. Bidder will provide the following:

1. Resource Performance Summary Report;
2. Two (2) years of meteorological tower data from the site if bid is a BTA or non-PPA submittal or one (1) year of data if bid submittal is for a PPA;
3. 12 month x 24 hourly profile (in Excel); and
4. 8760 hourly profile (in Excel) performance (**RFP Appendix A-8**).

To the extent pricing, capability and/or availability vary based on specific characteristics of the facility and/or ambient conditions, the bidder must clearly identify that relationship in tabular form.

**Impact of Other Factors on Output -** PacifiCorp prefers generation facilities designed, permitted, and operated so that the proposed facility and related energy and Renewable Energy Credits (RECs) are provided to PacifiCorp without restriction related to:

* Environmental permits or other environmental limitations or environmental forfeitures;
* Hours of operation;
* Sales to other parties;
* Any other factor relevant to the technology (e.g., agreements with neighbors, etc.);
* Non-environmental or technology factors that could encumber the facility; and
* Failure to meet the target commercial operation date.

Bidders must describe in detail any such limitations in their proposal.

**Siting -** Bidders are responsible for all construction and coordination with the applicable service provider(s) for any new electrical transmission or distribution service required in response to this RFP. Bidders are responsible for satisfying all zoning, permitting and environmental requirements.

**Facility Information –** To the extent applicable, the bidder should clarify the following information with respect to any proposed facility site (see **RFP Appendix A (Wind) - Technical Specifications** for additional detail):

1. List of studies conducted; required environmental, construction and other regulatory permits and timelines.
2. Prevailing noise ordinance at the site and expected sound level (A-weighted) at the site boundary.
3. Proposed site plans, layouts, elevations or other aspects of the facility.
4. Types of transportation access required.
5. Characterization of the area surrounding the site including a description of local zoning, flood plain information (100 yr. & 500 yr.), existing land use and setting (woodlands, grasslands, agriculture, etc.).
6. Proximity and extent of nearest wetlands and description of types of all types of all nearby wetlands and water bodies, including any proposed impacts.
7. Information on fish, avian species and other wildlife and vegetation inhabiting the area of the project.
8. Proximity to nearest endangered or threatened or critical species habitat and information on all nearby endangered or threatened species which could potentially be impacted, including species protected under the federal Bald and Golden Eagle Protection Act and the federal Migratory Bird Treaty Act.
9. Proximity to nearest historical or archaeological resources and all nearby historical or archaeological resources which could potentially be impacted.
10. Location and distance to population centers which could be impacted.
11. Expected site ambient temperature extremes and verification that freeze protection will be provided if necessary.

**Proposal Format –** PacifiCorp is requesting that bidders conform to the following format for presenting their bid information:

**Section 1 - Executive Summary of Proposal -** The executive summary section should provide an overall description of the proposal and its key benefits and advantages to PacifiCorp. It should include a general description of the technology, location, and business arrangement for the bid. Bidder must state the period under which the terms and conditions of their proposal will remain effective. Failure of a bidder to honor the terms and conditions of its proposal for the period stated in its executive summary may result in the bidder being disqualified as a bidder in future RFPs. The executive summary must be accompanied by one or more completed tabs in **RFP Appendix C Bid Summary and Pricing Input Sheet**, characterizing the bid or bid options.

**Section 2 – Resource Description -** This section should include a description of the resource, including:

* Description of technology and configuration including:
* New or repowered wind resource
* Type of generation equipment and description
* Manufacturers of major equipment (Bidders should complete **RFP Appendix A-9** **Product Data Equipment Supply Matrix**).
* Date of manufacture or age of major equipment
* Hours of operation and major maintenance performed for any previously owned/operated equipment
* Description of financing plan, if any
* Description of operation and maintenance plan and services
* Estimated annual availability and any guaranteed minimum annual availability
* Site control, and, if not yet obtained, the plan and schedule for obtaining site control (provided that a bid will be non-conforming if the plan provided by bidder does not demonstrate, in the case of private land, at least substantial progress in obtaining necessary land options, and in the case of public lands, at least an application for rights-of-way or similar land rights submitted to the applicable state or federal land use agency(ies))
* Site layout description and location including GPS coordinates
* Operating limits or any limits on the number of hours the resource may be operated per year or unit of time
* Expected and guaranteed annual energy production in megawatt-hours (MWh)
* Expected generation in average megawatt (aMW) on a 12 month by 24 hour basis (i.e. a representative day for each month of the year)
* Guaranteed output (minimum annual energy production in MWh)
* Performance estimate analysis prepared by an independent third party engineering firm
* All BTA or non-PPA bid submittals must include a minimum of two years of on-site meteorological tower data, converted to an estimated MWh of production on an hourly time scale.
* PPA bid submittals must include a minimum of one year of on-site meteorological tower data, converted to an estimated MWh production on an hourly time scale.
* Status of interconnection arrangements (location, transmission provider and control area), including copies of all interconnection studies completed for the proposed facility and any draft or final interconnection agreement
* Status of transmission service agreement, if applicable
* Information regarding location and transmission availability
* Project schedule, listing tasks and milestones with estimated completion dates
* Terms of warranties and/or guarantees on major equipment

**Section 3 - Bidder’s Qualifications –** Information in this section should be submitted with information that the bidder supplies from **RFP Appendix D – Bidder’s Credit Information**. This section should include, but not be limited to, the following information:

* Corporate structure and primary and secondary businesses including all legal entity names.
* Location of offices
* Biographies of key officers
* Developer projects and independent power supply ventures participated in the last three to five years.
* At least one primary contact and one back-up contact (name, telephone number and e-mail address) for each project or power supply venture referenced in the bidder’s proposal (for reference purposes).
* Description of any current or previous contract dispute(s) involving similar projects in which the bidder is or was involved during the last five years.
* Separate descriptions, as appropriate, for each member of a consortium or partnership of two or more firms and the relationship between the firms for this proposal.

**Section 4 - Financial Information –** Briefly summarize information provided pursuant to **RFP Appendix D – Bidder’s Credit Information**.

**Section 5 - Pricing Proposal and Pro Forma Project Financing –** Describe in detail the pricing proposal, including the use of any index, escalation factors, or other costs to PacifiCorp. Provide pro forma financial projections showing cash flow, income statement, and balance sheet, application of tax credits, incentives or grants, sources and uses of funds, construction draw schedule, and including all financing assumptions. At a minimum the pro forma financial projections should include the following:

* Expected annual energy production[[1]](#footnote-2) and revenue
* Annual operating expenses including operations and maintenance costs, G&A expenses, land leases, royalty payments, property taxes, insurance and other expenses
* Transmission and ancillary services costs (if any)
* Debt service
* Debt coverage ratios (by year)
* Depreciation
* Taxes and tax credits, incentives, grants
* Working capital requirements
* Net income
* Equity rate of return

**Section 6 – Interconnection & Transmission Service -** Each proposal must include a description of the location of its proposed interconnection facilities, distribution or transmission facilities, including proposed delivery points, and must specify the interconnection and transmission provider and identify all applicable interconnection costs and transmission service costs. Costs estimates shall be performed by the project if a transmission provider study has not been completed or is not available at the time of submittal. Copies of all completed interconnection and transmission service studies must be provided.

The minimum eligibility requirements for bidders include the provision of evidence that the proposed project has either: (1) requested a direct interconnection with PacifiCorp’s system and executed an interconnection feasibility study agreement with PacifiCorp’s transmission function; or (2) requested interconnection with a third party’s system, executed an interconnection feasibility study agreement with the third party transmission provider, and requested long-term, firm third-party transmission service from the resource’s point of interconnection with the third party’s system to the proposed point of delivery on PacifiCorp’s system in its service territory.

Although not required for initial bidding eligibility, PacifiCorp will ultimately require a completed interconnection system impact study (for directly interconnected projects) or a completed third-party interconnection system impact study and a completed third-party transmission service study (for projects using third-party transmission) to determine the actual direct assigned cost for the interconnection or transmission services. Bids will be evaluated based on the direct assigned interconnection costs submitted in the bids and considered firm costs for the initial short list evaluation. Bids that are selected to the initial short list will be held to their best and final pricing for final short list evaluation. If selected to the final short list, bidder’s agreement with PacifiCorp, whether PPA or BTA, will include a condition precedent that states PacifiCorp will compare the actual direct assigned interconnection cost from the completed SIS with the bidder’s firm estimate provided in their best and final price. In the event the actual SIS cost exceeds the bidder’s firm interconnection cost in best and final pricing, bidder will be responsible for the cost above their best and final firm price. In the event the actual SIS cost is less than the bidder’s firm interconnection cost estimate, PacifiCorp will require an adjustment of the final PPA or BTA price to reflect the reduction in interconnection costs. The company will also compare the commercial operation date in the SIS with the commercial operation date in the agreement to confirm operation by December 31, 2020. PacifiCorp will examine critical study information such as: (1) whether the studies support a December 31, 2020 commercial operation date; (2) interconnection and/or transmission costs; and (3) whether any third-party transmission arrangements will be available to the bidder during the full term of the offer(s) proposed or include contractual roll-over options if available to the bidder.

Bidders should be aware of any transmission requirements or specifications that could affect their wind turbine or balance of plant selection and costs and take those specifications into consideration in preparing their bid submittal.

Based on technical information received by PacifiCorp Transmission, concerns have been raised with the capability of integrating some types of wind turbine generators in the Aeolus / Freezeout / Shirley Basin / Standpipe area of the Rocky Mountain Power 230 kV Wyoming transmission system. These concerns are:

* The wind turbine generators will be normally operating on a weak transmission system with a steady state short-circuit ratio that is less than 2.0 in the 2020 timeframe and beyond.
* With the eventual completion of the Gateway West and Gateway South Transmission Projects, the wind turbine will be operating on a series-compensated transmission system.

Further questions or clarifications should be directed to PacifiCorp Transmission.

**Section 7 – Environmental and Siting -** The bidder is exclusively and entirely responsible for meeting and satisfying all federal, state and local permits, licenses, approvals and/or variances required to assure physical delivery of energy in accordance with any PPA or BTA. Bidder must identify all applicable permits that bidder has secured or will be required to receive in order to construct and operate the facility (bidder must submit this information in **RFP Appendix A-3)**. Bidders must furnish applicable detailed project site, interconnection and electric distribution/transmission information, a description of all required permits (See **RFP Appendix A-3**), and a project timeline so PacifiCorp can assess site suitability, schedule risk, and project viability. The proposed site(s) must clearly be shown on a United States Geological Survey (USGS) 7.5-minute series map.

Bidder must provide information on any scoping, feasibility and other associated studies conducted to assess environmental impacts and to obtain necessary permits. This information must include all studies related to wildlife (including protected species, such as those protected under the federal Endangered Species Act, federal Bald & Golden Eagle Protection Act, federal Migratory Bird Treaty Act and applicable state laws), archeological, vegetation, hydrological, geotechnical, visual, noise, air quality, and other environmental impacts related to the project. Impacts to designated wilderness, national and state parks, and other protected areas should be noted. The studies provided by bidder should describe the methodologies for such studies and identify the person(s) or firm(s) who conducted and completed the work. If such studies are in progress, bidder should describe the scope and schedule for completion and identify the person(s) or firm(s) doing the studies and methodologies to be employed. Bidder should describe measures that will be taken to minimize the potential for environmental, wildlife, visual and cultural impacts of the project. Finally, bidder should discuss plans to engage community and environmental stakeholders to support the proposed project.

**Section 8 – Contract Terms -** Bidder must identify with specificity any exceptions to the terms of the form of PPA or BTA, as applicable, as provided in **RFP Appendix E-2 (PPA)** or **RFP Appendix F-2 (BTA).** Bidder should include a mark-up of either of the pro-forma agreements and any comments to terms and conditions that bidder has issues with, although conformity to those documents is strongly encouraged and significant revisions to the pro-forma agreements will impact PacifiCorp’s evaluation of the bid. Bidders objecting to terms are encouraged to provide suggested alternate language and provide context to the objection for PacifiCorp to evaluate the alternate language.

**Section 9 – O&M Services Contract Terms (BTA Option Only)** – BTA bidders must provide a comprehensive listing/description of all contract terms that the bidder would seek during contract negotiations regarding operating and maintenance services for the asset. Bidder may supply a markup of the documents found in **RFP Appendix K - O&M Services Contract** with their proposal, **although conformity to those documents is strongly encouraged**. Bidders objecting to terms are encouraged to provide suggested alternate language and provide context to the objection for PacifiCorp to evaluate the language.

# RFP APPENDIX CBid Summary and Pricing Input Sheet (Instructions)

**General Bid Summary Instructions for PPA and BTA.**

Bidder should complete and submit **RFP Appendix C - Bid Summary and Pricing Input Sheet**. This is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing for both the PPA and the BTA. There are five (5) tabs on this worksheet:

|  |  |  |  |
| --- | --- | --- | --- |
| **Tab** | **Description** | **PPA** | **BTA** |
| 1 | Bid Summary | General description of project detail | X | X |
| 2 | 8760 Energy Production | Expected 8760 net energy delivered to PacifiCorp at p50 production | X | X |
| 3 | PPA Pricing | Power Purchase Agreement pricing by year | X |  |
| 4 | Purchase Option | Power Purchase Agreement – purchase option if included | X |  |
| 5 | BTA Pricing | Build Transfer Agreement pricing |  | X |

For both PPA and BTA bids, bidders shall provide the completed Bid Summary and 8760 Energy Production tabs. Bidders should also provide a copy of the project’s energy analysis completed by an independent third party.

**Power Purchase Agreement**

Bidder’s submitting PPA bids shall provide the information requested in **tabs 1, 2 and 3 in the Appendix C** spreadsheet. In addition, if bidders are including a purchase option then bidders shall complete tab 4.

In addition to completing the spreadsheet, the bidder shall submit an energy analysis for the project that provides a detailed explanation on how the energy projection was prepared; this should address the following:

1. General Site Data
	1. How was the wind data collected, certified and correlated to the reference points?
	2. Who provided the wind data analysis service?
	3. What is reference height, or heights, of the meteorological data?
	4. How was the wind data adjusted for the turbine hub height?
	5. What is the estimated wind shear and how was the wind shear calculated?
	6. What is the accuracy of the wind and energy forecast?
	7. What is the basis year of the underlying data? Are the references years high, low, or average years?
	8. How was generation output calculated from the meteorological data?
	9. Identify the specific de-ratings included in the energy forecast (wind array losses, line losses, blade degradation, site elevation, etc.)?
2. Energy Production Estimate
	1. Predicted hub height mean wind speed and gross and net energy production for the full project
	2. Predicted long-term site air density
	3. Turbine power curve employed and description of any adjustments made to the power curve
	4. Description of methodology employed to calculate energy losses due to array effects
	5. Clear breakdown of applied energy loss factors
	6. Monthly and diurnal pattern of predicted energy production with an explanation of the variation
	7. Analysis of the uncertainty associated with the predictions provided in the assessment

Bidders may be asked to provide the following:

1. Site Wind Data
	1. Raw hourly or ten-minute wind speed and direction data
	2. Description of equipment used to record data
	3. Calibration certificates for equipment
	4. Conversion factors (e.g. m/s per Hz) applied in recording wind speeds
	5. Maintenance records for the monitoring equipment
	6. Location, height and orientation relative to mast of all sensors
2. Reference Wind Data
	1. Hourly or ten-minute wind speed and direction data
	2. Description of equipment used to record data
	3. Calibration certificates for equipment
	4. Maintenance records for the monitoring work
	5. Location, height and orientation relative to mast of all sensors
3. Wind Project Information
	1. Layout of wind project turbine array using latitude and longitude co-ordinates
	2. Detailed topographic maps of project area with all mast and turbine locations
4. Verification and Analysis
	1. Details of instrument configurations and measurement periods for each site mast and reference station
	2. Summary of mast maintenance records and explanations for significant periods of missing data
	3. Data recovery rates and measured monthly means for masts employed in the assessment
5. Prediction of Wind Regime
	1. Description of methodology employed to adjust measured wind speeds on site to the long-term
	2. Correlation plots and coefficients for relevant correlations in the assessments
	3. Predicted long-term mean wind speeds at measurement heights and hub height at all masts employed in the assessment
	4. Annual wind speed and direction frequency distribution for long-term site masts
	5. Plot of annual wind rose for long-term site masts
	6. Description of methodology employed to extrapolate mean wind speeds at measurement heights to hub height
6. Prediction of Wind Speed Variations
	1. Description of methodology employed to predict wind speed variations across the site
	2. Details of wind flow modeling employed and any inputs to the model (where applicable)

**Build-Transfer Agreement**

For BTA, bidders shall complete **tabs 1, 2 and 5 in Appendix C Bid Summary and Pricing Input Sheet**. Bidders shall provide the information requested on all three tabs.

In addition to completing the spreadsheet, and provide a copy of the project’s independent third party energy analysis for the project that provides a detailed explanation on how the energy projection was prepared; this should address the following:

1. General Site Data
	1. How was the wind data collected, certified and correlated to the reference points?
	2. Who provided the wind data analysis service?
	3. What is reference height, or heights, of the meteorological data?
	4. How was the wind data adjusted for the turbine hub height?
	5. What is the estimated wind shear and how was the wind shear calculated?
	6. What is the accuracy of the wind and energy forecast?
	7. What is the basis year of the underlying data? Are the references years high, low, or average years?
	8. How was generation output calculated from the meteorological data?
	9. Identify the specific de-ratings included in the energy forecast (wind array losses, line losses, blade degradation, site elevation, etc.)?
2. Energy Production Estimate
	1. Predicted hub height mean wind speed and gross and net energy production for the full project
	2. Predicted long-term site air density
	3. Turbine power curve employed and description of any adjustments made to the power curve
	4. Description of methodology employed to calculate energy losses due to array effects
	5. Clear breakdown of applied energy loss factors
	6. Monthly and diurnal pattern of predicted energy production with an explanation of the variation
	7. Analysis of the uncertainty associated with the predictions provided in the assessment

Bidders may be asked to provide the following:

1. Site Wind Data
	1. Raw hourly or ten-minute wind speed and direction data
	2. Description of equipment used to record data
	3. Calibration certificates for equipment
	4. Conversion factors (e.g. m/s per Hz) applied in recording wind speeds
	5. Maintenance records for the monitoring equipment
	6. Location, height and orientation relative to mast of all sensors
2. Reference Wind Data
	1. Hourly or ten-minute wind speed and direction data
	2. Description of equipment used to record data
	3. Calibration certificates for equipment
	4. Maintenance records for the monitoring work
	5. Location, height and orientation relative to mast of all sensors
3. Wind Project Information
	1. Layout of wind project turbine array using latitude and longitude co-ordinates
	2. Detailed topographic maps of project area with all mast and turbine locations
4. Verification and Analysis
	1. Details of instrument configurations and measurement periods for each site mast and reference station
	2. Summary of mast maintenance records and explanations for significant periods of missing data
	3. Data recovery rates and measured monthly means for masts employed in the assessment
5. Prediction of Wind Regime
	1. Description of methodology employed to adjust measured wind speeds on site to the long-term
	2. Correlation plots and coefficients for relevant correlations in the assessments
	3. Predicted long-term mean wind speeds at measurement heights and hub height at all masts employed in the assessment
	4. Annual wind speed and direction frequency distribution for long-term site masts
	5. Plot of annual wind rose for long-term site masts
	6. Description of methodology employed to extrapolate mean wind speeds at measurement heights to hub height
6. Prediction of Wind Speed Variations
	1. Description of methodology employed to predict wind speed variations across the site
	2. Details of wind flow modeling employed and any inputs to the model (where applicable)

**Operating Expenses: Please provide complete information on the following, including any assumptions made on a forward basis (e.g., escalation rates)**

Bidder shall provide the following information:

**Operating Expense Assumptions**

* Warranty Period and Characteristics for the overall project and the major equipment
* Annual O&M – Facilities, $ per year
* Annual O&M - Substation/Interconnection, $ per year
* Auxiliary services electric energy costs, $ per year
* Land Lease costs (describe), $ per year
* Royalty payments (describe), $ per year and/or $/MWh
* Property Tax
	+ Expected Rate %
	+ Rate Escalation %
	+ Initial Cost Assessed Value $000
	+ Replacement Cost Escalation %
	+ Depreciation
	+ Method

**Additional Information**

Bidder should provide any other information considered to be germane to PacifiCorp’s analysis of bidder’s submittal.

# RFP APPENDIX DBidder’s Credit Information

**Please provide the following information to enable PacifiCorp to evaluate the financial viability of the bidder and any entity(ies) providing credit assurances on behalf of the bidder, if applicable.**

**Bidder’s Credit Information**

**1. Credit information for bidder**

A. Exact legal name and address of bidder:

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B. Debt Ratings from S&P and/or Moody’s (please provide senior unsecured long term debt rating (or corporate rating if a debt rating is unavailable). Please indicate type of rating, rating, and source:

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C. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years.

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D. Identify pending legal disputes (describe):

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E. Please state whether bidder is or has within the past five (5) years been the debtor in any bankruptcy proceeding.

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F. If bidder is unable to provide audited financial statements or is relying upon another entity(ies) to provide credit assurances on its behalf, bidder must indicate so here and complete the following section.

|  |
| --- |
| Is bidder unable to provide audited financial statements? |
| Is bidder relying upon another entity(ies) to provide credit assurances on bidder’s behalf? |

G. Bidder should demonstrate its ability and/or the ability of its credit support provider to provide the required security, including its plan for doing so including type of security, sources of security, and a description of its credit support provider.

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H. Bidder should provide a reasonable demonstration of its ability to finance the proposed project based on past experience and a sound financial plan identifying the proposed sources for debt and equity and evidence that the project is financeable.

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**2. Credit information for entity(ies) providing credit assurances on behalf of bidder (if applicable)**

A. Exact legal name and address of entity(ies) providing credit assurances on behalf of bidder:

|  |
| --- |
|  |
|  |

B. Describe relationship to bidder and describe type of credit assurances to be provided (e.g., parental guaranty, cash deposit, or a letter of credit from an acceptable financial institution). Bidder must provide to Company a letter of commitment acceptable to Company from the entity(ies) providing the credit assurances on behalf of the bidder executed by an authorized signatory and indicating the amount and form of credit assurances it will provide. It should be noted that more than one commitment letter, or more than one form of commitment letter, may be necessary.

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C. Debt Ratings from S&P and/or Moody’s (please provide senior unsecured long term debt rating (or corporate rating if a senior unsecured long term debt rating is unavailable). Please indicate type of rating, rating, and source:

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D. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years.

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E. Pending legal disputes (describe):

|  |
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|  |

F. Please state whether entity(ies) providing credit assurances on behalf of the bidder is or has within the past five (5) years been the debtor in any bankruptcy proceeding.

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|  |

### CREDIT REQUIREMENTS

The bidder may be required to post credit assurances for the applicable bid categories of Power Purchase Agreement (PPA) or Build Transfer Agreement (BTA), each of which will be expected to have a commercial operation date of no later than December 31, 2020.

If necessary, the bidder will be required to demonstrate the ability to post any required credit assurances in the form of a commitment letter from a proposed guarantor or from a financial institution that would be issuing a Letter of Credit. PacifiCorp will require each bidder to provide an acceptable commitment letter(s), if applicable, twenty (20) business days after the bidder is notified that the bidder has been selected for the Shortlist. Bidder will be required to provide any necessary guaranty commitment letter from the entity(ies) providing guaranty credit assurances on behalf of the bidder and/or any necessary letter of credit commitment letter from the financial institution providing credit assurances in the form of a Letter of Credit. Forms of commitment letters are part of this **RFP Appendix D**. The timing of when credit security must be posted is detailed in the Credit Security Requirements Methodology section, which is also part of this **RFP Appendix D**.

The amount of any credit assurances to be provided will be determined based upon:

1. the Credit Rating of the bidder and the entity(ies) providing credit assurances on behalf of the bidder, if applicable,
2. the size of the project,
3. the expected energy delivery start date, and
4. the type of resource agreement.

In addition, please note that a financial institution providing credit assurances on behalf of the bidder must be a major U.S. commercial bank and have at all times a Credit Rating of at least ‘A’ and ‘A2’ from S&P and Moody’s, respectively, and have assets (net of reserves) of at least $10,000,000,000. Should the financial institution providing credit assurances on behalf of the bidder fail to meet these minimum requirements PacifiCorp will require credit assurances from a replacement financial institution that does meet the requirements.

The Credit Rating is defined as the lower of: x) the most recently published senior, unsecured long term debt rating (or corporate rating if a debt rating is unavailable) from Standard & Poor’s (S&P) or y) the most recently published senior, unsecured debt rating (or corporate rating if a debt rating is unavailable) from Moody’s Investor Services. If option x) or y) is not available, the Credit Rating will be determined by the Company through an internal process review utilizing a proprietary credit scoring model developed in conjunction with a third party. All bidders will receive a Credit Rating which will be used in determining the amount of any credit assurances to be posted.

Amount of Credit Assurances to be Posted

The RFP selected resources have the potential to expose PacifiCorp and its ratepayers to credit risk in the event a selected bidder is unable to fulfill its obligations pursuant to the terms of an executed agreement. The credit risk profile is a function of several factors:

1. Type of resource agreement

2. Size of resource

3. Expected energy delivery start date

4. Term of underlying contract

5. Creditworthiness of bidder and bidder’s credit support provider, if applicable

Power Purchase Agreement

For PPAs, PacifiCorp views its potential credit exposure as the cost it would incur in the event the resource failed to reach commercial operation by December 31, 2020 or the bidder failed at any time during the life of the contract. The potential for this cost to change is greater for this resource group due to the term of the underlying contract. PacifiCorp will hold any credit security for a longer period, due to the length of the contract. PacifiCorp has determined the amount of credit assurances required for these types of transactions as **$200.00/kW**, based upon nameplate project size, to be provided at contract execution. The amount of credit assurances required will be reduced to $100.00/kW upon the project achieving commercial operation date and will be held until the agreement expires.

Build Transfer Agreement

For all resources that involve a physical asset with appropriate step-in rights, PacifiCorp views potential credit exposure as the cost it would incur in the event the resource failed to reach commercial operation by December 31, 2020. If the failure occurred near the expected commercial operation date, PacifiCorp would also potentially have to procure energy and other environmental attributes associated with the energy in the open market at then-prevailing market prices. PacifiCorp has determined the amount of credit assurances required for these types of transactions as **$200.00/kW**, based upon nameplate project size. The credit assurance requirement will be terminated upon the project achieving commercial operation date with proven production tax credit eligibility of all wind turbine generators.

For both PPAs and BTAs, PacifiCorp will also explore with a bidder, if selected, other commercial avenues to reduce security requirements, such as, but not limited to, reduction in security amounts as project development milestones met, a stipulated acceleration of commercial operation date(s) (i.e., prior to October 2020) or PacifiCorp’s review of bidder’s underlying third party contractual terms, provisions and/or incentives that further support bidder achieving commercial operations prior to December 31, 2020.

Posting of Credit Security

Provisions on the posting of security are set forth in the applicable pro-forma contracts which as noted above can be negotiated relative to milestones and amounts.

For a PPA bid, the bidder is to refer to **Appendix E**-2, the PPA, for the types and amounts of credit assurances required – these are outlined in sections 8 and 11 of the PPA.

If applicable, the bidder will be required to demonstrate the ability to post any required credit assurances in the form of a commitment letter from a proposed guarantor or from a financial institution that would be issuing a Letter of Credit. Forms of commitment letters are a part of this Appendix D.

### FORM OF GUARANTY COMMITMENT LETTER

(Must be on letterhead of bidder’s guarantor)

PacifiCorp

825 NE Multnomah Street, Suite 700

Portland, OR 97232

Attn: Credit Department

To Whom It May Concern:

[NAME OF GUARANTOR] (“Guarantor”) is [INSERT RELATIONSHIP TO BIDDER] (“Bidder”).

In connection with Bidder’s submittal in PacifiCorp’s 2017R Request for Proposals (“RFP”), this commitment letter contains Guarantor’s assurance to PacifiCorp that, should PacifiCorp enter into a transaction with Bidder arising out of any bid submitted by Bidder in the RFP, with terms and conditions mutually acceptable to PacifiCorp and Bidder, Guarantor will at that time issue an unconditional guaranty in form and substance reasonably satisfactory to PacifiCorp, and that Guarantor will guarantee all obligations of payment and performance of Bidder to PacifiCorp as Guarantor’s independent obligation (up to a maximum amount of $\_\_\_\_\_\_, plus expenses of enforcing the guaranty).

Guarantor understands that PacifiCorp will not enter into a transaction with Bidder without said guaranty. Guarantor further understands that PacifiCorp is under no obligation to enter into any transaction with Bidder, under the RFP or otherwise.

Yours truly,

(name of committing guarantor)

(name and title of authorized officer)

### FORM OF LETTER OF CREDIT COMMITMENT LETTER

(Must be on letterhead of entity(ies) providing the letter of credit on behalf of the bidder)

PacifiCorp

825 NE Multnomah Street, Suite 700

Portland, OR 97232

Attn: Credit Department

To Whom It May Concern:

In connection with Bidder’s submittal in PacifiCorp’s 2017R Request for Proposals (“RFP”), this commitment letter contains [ISSUING BANK]’s assurance to PacifiCorp that, should PacifiCorp enter into a transaction with Bidder arising out of any bid submitted by Bidder in the RFP, with terms and conditions mutually acceptable to PacifiCorp and Bidder, [ISSUING BANK] will at that time issue an irrevocable standby letter of credit in form and substance reasonably satisfactory to PacifiCorp, up to a maximum amount of $\_\_\_\_\_\_.

[ISSUING BANK] understands that PacifiCorp will not enter into a transaction with Bidder without said letter of credit. [ISSUING BANK] further understands that PacifiCorp is under no obligation to enter into any transaction with Bidder, under the RFP or otherwise.

Yours truly,

(name of entity(ies) providing the letter of credit)

(name of authorized officer)

# RFP APPENDIX E-1PPA Instructions to Bidders

Items identified in *italics* below are actions/documents that Bidders should submit as part of Bidder’s PPA proposal.

**General Proposal Description**

1. RFP Appendix B Information Required in Bid Proposal

*Bidder shall provide the project description as identified in Appendix B as it applies to a PPA.*

1. RFP Appendix C Bid Summary and Pricing Input Sheet (Excel spreadsheet)

*Bidder shall complete forms in Appendix C. Note: there are four tabs in this worksheet applicable to a PPA; Bid Summary, 8760 Energy Production, PPA Pricing, and Purchase Option (optional). Bidder should complete each tab.*

1. Legal Description of Site

*Bidder should provide a legal description of the site as well as conditional use permits, endangered species studies, historical artifacts reports and environmental assessments.*

1. BTA Appendix B Critical Path Schedule

*Bidder should provide a preliminary critical path schedule.*

RFP Appendix A

**PPA bidders shall also provide the following:**

1. RFP Appendix A-2: Interconnection Agreement with PacifiCorp or Other Interconnection Utility.

*Bidder should provide a copy of the available Interconnection Agreement and all available interconnection studies (i.e., Feasibility Study, System Impact Study, and Facility Study).*

If interconnected to Other Interconnection Utility, include the transmission service agreement or arrangements to deliver to PacifiCorp’s system.

*Bidder should provide a copy of the available Transmission Service Agreement, if applicable, and all available transmission service studies.*

1. RFP Appendix A-3: Permit Matrix

*Provide the completed permit matrix applicable to the project.*

1. RFP Appendix A-5: Project Single-Line Drawing and Layouts

*Provide the electrical single-line drawings and site layout applicable to the project.*

1. RFP Appendix A-8: Wind Performance Summary Report
	1. *A copy of Bidder’s wind performance report prepared by an independent third party engineer which is supported by a minimum of one (1) year of wind data,*
	2. *12 month x 24 hourly profile (in Excel) and*
	3. *an 8760 hourly profile (in Excel) performance.*

*Bidder should clearly identify any (un)availability loss factor assumptions.*

1. RFP Appendix G: Mutual Confidentiality Agreement & Non-Reliance Letter

*Mutual Confidentiality Agreement shall be executed upon making the initial short-list.*

*Non-Reliance Letter shall be executed upon notification of making the Final Short-list.*

# RFP Appendix E-2Power Purchase Agreement (PPA) Documents

**Including PPA Appendices**

**[INCLUDED AS A SEPARATE ATTACHMENT]**

# RFP APPENDIX F-1BTA Instructions to Bidders

Items identified in *italics* below are actions/documents that Bidders should submit as part of Bidder’s BTA proposal.

**General Proposal Description**

1. RFP Appendix B Information Required in Bid Proposal

*Bidder shall provide the project description as identified in Appendix B as it applies to a BTA.*

1. RFP Appendix C Bid Summary and Pricing Input Sheet (Excel spreadsheet)

*Bidder shall complete Appendix C. Note: there are three tabs in this worksheet applicable to a BTA; Bid Summary, 8760 Energy Production, and BTA Pricing. Bidder should complete each tab.*

**Appendices to the BTA**

1. BTA Appendix B Critical Path Schedule

*Bidder should provide the preliminary critical path schedule.*

1. BTA Appendix C Approved Subcontractors

*Bidder should provide list of proposed major suppliers and subcontractors to be used on the project.*

1. BTA Appendix E Asset Equipment Warranties

*Bidder should provide the equipment warranties for the major system equipment as identified in this Appendix*.

1. BTA Appendix H Project Management Team

*Bidder should identify the key members of the proposed project management team to be used on the project.*

1. BTA Appendix I Legal Description of Site

*Bidder should provide a legal description of the site as well as conditional use permits, endangered species studies (including studies of species protected under the federal Bald and Golden Eagle Protection Act and federal Migratory Bird Treaty Act), historical artifacts reports and environmental assessments.*

1. BTA Appendix M Critical Milestones

*Bidder should provide a milestone schedule as described in this Appendix.*

1. RFP Appendix G: Mutual Confidentiality Agreement & Non-Reliance Letter

*Mutual Confidentiality Agreement shall be executed upon making the initial short-list.*

*Non-Reliance Letter shall be executed upon notification of making the Final Short-list.*

1. RFP Appendix K: General Services Contract – Operations & Maintenance Services For Project

*Submit pricing and any changes to O&M contract (****Exhibit A to Appendix K****).*

RFP Appendix A

1. RFP Appendix A-1: For information only.
2. RFP Appendix A-2: Interconnection Agreement with PacifiCorp or Other Interconnection Utility.

*Bidder should provide a copy of the available Interconnection Agreement and all available interconnection studies (i.e., Feasibility Study, System Impact Study, and Facility Study).*

If interconnected to Other Interconnection Utility, include the transmission service agreement or arrangements to deliver to PacifiCorp’s system.

*Bidder should provide a copy of the available Transmission Service Agreement, if applicable, and all available transmission service studies.*

1. RFP Appendix A-3: BTA Permit Matrix

 *Provide the permit matrix applicable to the project.*

1. RFP Appendix A-5: Project Single-Line Drawing and Layouts

*Provide the electrical single-line drawings and project site layout applicable to the project.*

1. RFP Appendix A-6: Division of Responsibility

*Complete the Division of Responsibility matrix as it applies to the project.*

1. RFP Appendix A-8: Wind Performance Summary Report
2. *Provide a copy of Bidder’s wind performance report supported by a minimum of two (2) years’ worth of wind data,*
3. *12 month x 24 hourly profile (in Excel) and*
4. *an 8760 hourly profile (in Excel) performance. Bidder should clearly identify any (un)availability loss factor assumptions.*
5. RFP Appendix A-9: Product Data Equipment Supply Matrix-Wind.xlsx)

*Submit a completed Equipment Supply Matrix.*

1. RFP Appendix A-10: Performance Guarantee

*Submit a completed performance guarantee.*

# RFP APPENDIX F-2Build Transfer Agreement (BTA) Documents

**Including BTA Appendices**

**[INCLUDED AS SEPARATE ATTACHMENTS]**

# RFP APPENDIX GConfidentiality Agreement and Non-Reliance Letter

**MUTUAL CONFIDENTIALITY AGREEMENT**

 This MUTUAL CONFIDENTIALITY AGREEMENT (this “Agreement”) is entered into as of the \_\_ day of \_\_\_\_\_\_\_\_, 2017 (the “Effective Date”), by and between PacifiCorp, an Oregon corporation (“PacifiCorp”), and \_\_\_\_\_\_\_\_\_\_\_\_\_ (“Counterparty”).

 WHEREAS, Counterparty is submitting a bid in response to PacifiCorp’s 2017R Request for Proposals (the "Bid"), and in connection therewith the parties wish to exchange certain Confidential Information (as hereinafter defined).

 NOW, THEREFORE, in consideration of the above and the mutual promises herein contained, the parties hereto agree as follows:

 1. Confidential Information. “Confidential Information” means information made available by one party (the “Disclosing Party”) to the other (the “Recipient”) on or after the Effective Date, that is in a writing marked conspicuously as “CONFIDENTIAL,” and is any of the following in relation to the Bid or PacifiCorp’s evaluation of the Bid: (a) non-public financial information of the Disclosing Party or its proposed guarantor, if any, (b) the specifics of the price and business terms and conditions of the Bid; or (c) documentation exchanged between the parties pertaining to PacifiCorp’s evaluation of the Bid or negotiation with Counterparty on a definitive agreement in relation to the Bid. Confidential Information does not include information which at the time of disclosure: (x) is generally available to the public (other than as a result of disclosure by Recipient), (y) was available to Recipient on a non-confidential basis from a source other than a Disclosing Party not actually known by Recipient to be under a duty of confidentiality to a Disclosing Party, or (z) independently developed by Recipient without reliance on the Confidential Information.

 2. Confidentiality; Disclosure.

 (a) Until the establishment of a docket or proceeding relating to the Bid before any public service commission, public utility commission, or other agency having jurisdiction over PacifiCorp, the Confidential Informa­tion will be kept confidential by Recipient and will not be used knowingly for any purpose by Recipient other than for the purpose set forth above and Recipient must restrict the dissemination of the Confidential Information to its employees who have a need to see it.

 (b) Upon the establishment of a docket or proceeding relating to the Bid before any public service commission, public utility commission, or other agency having jurisdiction over PacifiCorp, Recipient’s obligations to Disclosing Party with respect to the Confidential Information will automatically be governed solely by the rules and procedures governing such docket and not by this Agreement.

 3. Protective Order. Except as provided in Section 2(b) of this Agreement, if Recipient becomes legally compelled to disclose any Confidential Information, it must provide Disclosing Party with prompt prior written notice so that Disclosing Party may seek a protective order or other appropriate remedy. If such protective order or other remedy is not obtained, Recipient must (i) furnish only that portion of the Confidential Information which, in accordance with the advice of its own counsel, is legally required to be furnished, and (ii) exercise reasonable efforts to obtain assurances that confidential treatment will be accorded the Confidential Information so furnished. Notwithstanding the foregoing, and without limiting Section 2(b), the parties acknowledge that PacifiCorp is required by law or regulation to report certain information that could embody Confidential Information from time to time, and may do so from time to time without providing prior notice to Counterparty. Such reports include models, filings, and reports of PacifiCorp’s net power costs, general rate case filings, power cost adjustment mechanisms, FERC-required reporting such as those made on FERC Form 1, Form 12, or Form 714, market power and market monitoring reports, annual state reports that include resources and loads, integrated resource planning reports, reports to entities such as the North American Electric Reliability Corporation, Western Electricity Coordinating Council, Pacific Northwest Utility Coordinating Committee, Western Regional Generation Information System, or similar or successor organizations, or similar or successor forms, filings, or reports, the specific names of which may vary by jurisdiction, along with supporting documentation. Additionally, in regulatory proceedings in all state and federal jurisdictions in which it does business, PacifiCorp will from time to time be required to produce Confidential Information, and may do so without prior notice and use its business judgment in its compliance with all of the foregoing and the appropriate level of confidentiality it seeks for such disclosures.

 4. Conduct of Process. Neither PacifiCorp nor Counterparty is under any obligation, and each party is free to elect not to consum­mate an agreement or to furnish or receive information. Nothing contained in this Agreement will prevent PacifiCorp from negotiating with or entering into a definitive agreement with any other person or entity without prior notice to Counterparty. Until PacifiCorp and Counterparty enter into a definitive agreement, no contract or agreement or other investment or relationship is deemed to exist between them as a result of this Agreement, the issuance of a term sheet, the issuance, receipt, review or analysis of information, the negotiation of definitive documentation, or otherwise, and none of the foregoing may be relied upon as the basis for an implied contract or a contract by estoppel.

 5. Intellectual Property Rights. Nothing contained herein grants any rights respecting any intellectual property (whether or not trademarked, copyrighted or patented) or uses thereof.

 6. Costs and Expenses. Except as otherwise provided in any other written agreement between the parties, the parties will bear their own costs and expenses, including without limitation fees of counsel, accountants and other consultants and advisors.

 7. Remedies. Disclosing Party is entitled to equitable relief, including injunction and specific performance, in the event of any breach hereof, in addition to all other remedies available to it at law or in equity. In no event will any party be liable to the other for punitive or consequential damages for any alleged breach hereof. No failure or delay by a party in exercis­ing any right, power or privilege hereunder will operate as a waiver, nor will any single or partial exercise or waiver of a right, power or privilege preclude any other or further exercise thereof. TO THE FULLEST EXTENT PERMITTED BY LAW, EACH OF THE PARTIES HERETO WAIVES ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT OF LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT. EACH PARTY FURTHER WAIVES ANY RIGHT TO CONSOLIDATE ANY ACTION IN WHICH A JURY TRIAL HAS BEEN WAIVED WITH ANY OTHER ACTION IN WHICH A JURY TRIAL CANNOT BE OR HAS NOT BEEN WAIVED. SUCH WAIVERS WILL SURVIVE THE EXPIRATION OR TERMINATION OF THIS AGREEMENT.

 8. Venue and Choice of Law. This Agreement is governed by the laws of the State of Oregon. Any suit, action or proceed­ing arising out of the subject matter hereof, or the interpreta­tion, performance or breach hereof, will be instituted in any State or Federal Court in Multnomah County, Oregon (the “Acceptable For­ums”). Each party agrees that the Acceptable Forums are conveni­ent to it, and each party irrevocably submits to the jurisdiction of the Accep­table Forums, and waives any and all objections to jurisdiction or venue that it may have any such suit, action or proceeding.

 9. Miscellaneous. The term of this Agreement is two years from the date hereof. This Agreement constitutes the entire agreement of the parties relating to its subject matter, and supersedes all prior communications, representations, or agreements, verbal or written. This Agreement may only be waived or amended in writing. Notices hereunder must be in writing and become effec­tive when actually delivered. This Agreement may be executed in counterparts, each of which, when taken together, will consti­tute one and the same original instrument. Neither party may assign or otherwise transfer its rights or delegate its duties hereunder without the prior written consent of the other party, and any attempt to do so is void.

 IN WITNESS WHEREOF, the undersigned parties have executed this Mutual Confidentiality Agreement as of the date first written above.

PACIFICORP \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

an Oregon corporation a \_\_\_\_\_\_\_\_\_\_\_\_

By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Its: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Its: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Non-Reliance Letter**

825 N.E. Multnomah

 Portland, Oregon 97232

 (503) 813-5000

Date

[Name]

[Address]

 Re: PacifiCorp’s 2017R Request for Proposals Renewable Resources

Dear [\_\_\_\_\_\_\_\_\_\_\_]:

This letter clarifies PacifiCorp’s rights relating to its further evaluation and discussion of your possible involvement with \_\_\_\_\_\_\_\_\_\_ (“Counterparty”) proposal submitted in response to PacifiCorp’s Request for Proposals (“RFP”) (collectively with Counterparty’s proposal and all matters relating thereto, the “Project”) and any subsequent negotiations regarding the terms of any agreement or agreements entered into with you or any other party in connection with the Project. PacifiCorp will agree to enter into further discussions with you only upon your prior acknowledgement of these rights. “You”" and similar words (whether or not capitalized) refer to the addressee of this letter, Counterparty, and any Project development entity or other affiliate of the addressee in any way involved in the Project.

PacifiCorp is committed to following a fair process in selecting the winning proposal. However, PacifiCorp reserves the right, in its sole discretion, to terminate the consideration of the Project and any discussions with you or any other parties (such as your lenders) relating to the Project at any time and for any reason without incurring any liability for costs or expenses incurred by you in the course of, or as a result of, your participation in the bidding process or negotiations respecting the Project, including but not limited to any costs or expenses related to or arising from the preparation or submission of your proposal, your legal fees, transmission or environmental studies or reviews, expenses of any third party incurred at your behest, your participation in discussions with PacifiCorp, the Project, or any development costs incurred by you in connection with this process. The submission of a proposal by Counterparty and PacifiCorp’s decision to engage in further discussions with you does not constitute acceptance of the Project, and will not obligate PacifiCorp to accept or to proceed further with the Project. The acceptance of any proposal and the commencement of the Project are contingent on a number of factors, including but not limited to financial and creditworthiness considerations, strategic decisions, resource planning, regulatory approvals, and the approval of PacifiCorp’s board of directors and/or shareholders. PacifiCorp makes no representation as to the likelihood of Counterparty’s proposal being accepted or of the Project being commenced and, if PacifiCorp decides not to accept Counterparty’s proposal or the Project, you hereby fully and forever release and discharge PacifiCorp of all liability whatsoever, whether arising from your alleged reliance on PacifiCorp’s acceptance of the Project or any part thereof or whether based upon any other action or claim in tort, contract, promissory estoppel, equity, negligence or intentional conduct, and PacifiCorp will not be liable for any amount of liability or damages, including but not limited to any amounts for incidental, special, consequential or punitive damages.

PacifiCorp reserves the right to engage in discussions with multiple parties simultaneously with respect to this RFP or any other matter, and to accept or reject any type of proposal of any party in its sole discretion. PacifiCorp also reserves the rights to reject all proposals relating to this RFP, and to pursue any other course it deems appropriate, including without limitation the development of a cost-based, self-build alternative.

PacifiCorp will have no obligations to you with respect to the Project unless and until the execution by all applicable parties of one or more definitive written agreements (the “Definitive Agreements”) in form and substance satisfactory to the parties entering into such Definitive Agreements and then only to the extent stated therein. No contract will nor will be deemed to exist, whether by estoppel or otherwise, in any other way than execution and delivery (if ever) of the Definitive Agreements. The execution (if any) of any Definitive Agreements would be subject, among other things, to the satisfactory completion of due diligence by such parties as well as the satisfaction of applicable financial, environmental and other regulatory requirements as determined by PacifiCorp. If PacifiCorp selects the Project, then except as specifically set forth in the Definitive Agreements, PacifiCorp will have no obligations to you in the event that the Project or any part thereof is discontinued, cancelled, stopped, or terminated for any reason whatsoever, including without limitation financial or creditworthiness considerations concerning you or any contemplated source of Project-related funds, third-party delay or failure (with PacifiCorp's transmission function constituting a third party for purposes hereof), regulatory restrictions, transmission infrastructure restrictions, environmental or community challenges, or the Project is embargoed, restrained, subject to labor strike or lockout, destroyed, subject to terrorist attack or any other force beyond your control, is incapable of receiving required electricity transmission or network service, or is otherwise rendered impossible to complete by the times set forth in the Definitive Agreements for any other reason, whether your fault or not.

Whether or not the Project is commenced and Definitive Agreements executed, you will be responsible to pay your own fees and expenses, including without limitation legal fees and expenses, incurred in connection with the preparation, discussion and negotiation of the Project as well as the preparation, negotiation, execution and delivery of the Definitive Agreements and any other agreements or documents contemplated thereby, and PacifiCorp will not be responsible for any of those fees and expenses.

If the foregoing is acceptable, please indicate so by executing and dating this letter in the space indicated below.

Sincerely,

PacifiCorp

|  |  |
| --- | --- |
| By: |  |
|  |  |
| Name: |  |
|  |  |
| Title: |  |
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| Date: |  |

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| ACCEPTED AND AGREED: |  |
|  |  |
| ***[Insert Name of Party]*** |  |
|  |  |
| By: |  |
|  |  |
| Name: |  |
|  |  |
| Title: |  |
|  |  |
| Date: |  |

# RFP APPENDIX H[RESERVED – INTENTIONALLY LEFT BLANK]

# RFP APPENDIX IFERC’s Standards of Conduct

As a transmission provider, PacifiCorp is required to comply with FERC’s Standards of Conduct which govern interactions between PacifiCorp’s Transmission Function and its Marketing Function. Under the Standards of Conduct, PacifiCorp’s Transmission Function employees must function independently of PacifiCorp’s Marketing Function employees. Marketing Function employees cannot have access to transmission control center or other transmission facilities or information systems that differ in any way from the access provided to non-affiliated transmission customers. The Standards of Conduct prohibit Marketing Function employees from gaining access to any information about PacifiCorp’s transmission system that is not posted on the OASIS or otherwise made publicly-available to all other market participants.

Under the Standards of Conduct, FERC will allow certain non-operating employees to be shared between the Transmission Function and Marketing Function. Under FERC’s “no-conduit rule”, shared employees may receive confidential transmission system or marketing information, but they are prohibited from sharing such information with Marketing Function employees through any non-public or off-OASIS communications.

**Market Function Employees**

PacifiCorp has identified the following business groups as Marketing Function Business Units of PacifiCorp:

Energy Supply Management

Energy Trading

Origination

**Transmission Function Employees**

PacifiCorp’s Transmission Function includes: employees, contractors, consultants or agents of PacifiCorp who conducts transmission system operations or reliability functions, including, but not limited to, those who are engaged in day-to-day duties and responsibilities for planning, directing, or carrying out transmission-related operations.

**Shared Employees**

PacifiCorp has identified Integrated Resource Planning, Resource Development, Structuring and Pricing, Contract Administration, Environmental, Credit, Legal and Risk Management as shared employee functions under FERC’s Standards of Conduct.

**Information Status**

PacifiCorp’s Marketing Function (as defined above) will not be involved in a Bidder’s transmission interconnection request and integration with the balancing authority area. PacifiCorp’s employees will at all times abide by FERC’s Standards of Conduct. If an issue arises about compliance with FERC’s Standards of Conduct, PacifiCorp’s FERC Standards of Conduct Compliance Officer, Colt Norrish at 503-813-5545, should be contacted immediately.

# RFP APPENDIX JQualified Reporting Entity Services Agreement

**C & T Master v4.1a dated May 10 2017[[2]](#footnote-3)**

**[See PPA Exhibit 4.6 (2)]**

**Not required for BTA.**

# RFP APPENDIX KGeneral Services Contract-Operations & Maintenance Services for Project

**INCLUDED AS SEPARATE ATTACHMENTS:**

**RFP APPENDIX K WIND O&M SERVICES CONTRACT**

**Not required for PPA**

# RFP APPENDIX LPacifiCorp’s Company Owned Self-Build Alternatives (Benchmark Resource)

**Proposed 2017R RFP Company Benchmark Resources**

* PacifiCorp intends to submit four (4) individual wind Benchmark Resources to satisfy approximately 860 MW of targeted wind resources.
* These will be new greenfield wind resources that will be constructed in Wyoming.
* Projects will be built on property either currently leased by PacifiCorp or that PacifiCorp has acquired rights to develop[[3]](#footnote-4).
* Prospective Benchmark Resource sizes, tie-in locations and in-service years:
	1. 110 MW nominal, Foote Creek substation, 2020
	2. 250 MW nominal, Aeolus substation, 2020
	3. 250 MW nominal, Shirley Basin substation, 2020
	4. 250 MW nominal, Shirley Basin substation. 2020
* Benchmark Resources will utilize safe harbor PTC-qualified equipment. PacifiCorp will administer a hold a competitive supply solicitation(s), on a case-by-case basis, for the remaining wind turbines required for the Benchmark Resources.
* PacifiCorp will have administer a separate competitive solicitation(s) to secure firm fixed pricing to engineer-procure-construct and commission the balance of plant for the Benchmark Resources.
* The Benchmark Resources will be constructed in compliance with PacifiCorp’s wind farm specification and PacifiCorp’s technical standards.
* The Benchmark Resources will also include an operations and maintenance (O&M) building at each site or an addition to an existing PacifiCorp wind farm O&M facility.
* Benchmark Resources will include 30-year pro-forma estimates for operations, maintenance and on-going capital expenditures.
* The Benchmark Resources costs will include allocated development costs, fees, permitting, project management and safe harbor equipment costs.

# RFP APPENDIX MRole of the Independent Evaluator

1) The general role and function of the Independent Evaluators (“IE”) are outlined as follows. A more detailed description of the IE’s role and function are included in the competitive bidding guidelines for Utah and Oregon.[[4]](#footnote-5)

The Independent Evaluator will facilitate and monitor communications between PacifiCorp and bidders, including PacifiCorp’s benchmark team.

a. Review and validate the assumptions and evaluation calculations of any company Benchmark Resources.

b. Analyze and evaluate PacifiCorp’s Benchmark Resources, if any, for reasonableness and consistency with the solicitation process.

c. Access all important models in order to analyze, operate and validate all important models, modeling techniques, assumptions and inputs utilized by PacifiCorp in the solicitation process, including the evaluation of market bids and Benchmark Resources.

d. Receive Benchmark Resource and market bid responses.

e. Provide input to PacifiCorp on:

i. the development of screening and evaluation criteria, ranking factors and evaluation methodologies that are reasonably designed to ensure that the solicitation process is fair, reasonable and in the public interest in preparing a solicitation and in evaluating the Benchmark Resources and market bids;

ii. the development of initial screening and evaluation criteria that take into consideration the assumptions included in the PacifiCorp’s most recent IRP, any recently filed IRP Update, any Commission order on the IRP or IRP Update;

iii. whether a bidder has met the criteria specified in any bidding process and whether to reject or accept non-conforming bid responses;

iv. whether and when data and information should be distributed to bidders and the benchmark team when it is necessary to facilitate a fair and reasonable competitive bidding process or has been reasonably requested by bidders;

v. whether to reject non-conforming bids for any reason or accept conforming changes;

vi. whether to return bid fees.

f. Ensure that all bids are treated in a fair and non-discriminatory manner.

g. Monitor, observe, validate and offer feedback to PacifiCorp and the Utah and Oregon Commissions on all aspects of the solicitation and solicitation process, including:

i. content of the solicitation;

ii. evaluation and ranking of bid responses;

iii. creation of a short list(s) of bidders for more detailed analysis and negotiation;

iv. post-bid discussions and negotiations with, and evaluations of, shortlisted bidders; and

v. negotiation of proposed contracts with successful bidders.

h. The IE will evaluate the unique risks and advantages associated with any PacifiCorp Benchmark Resources, including the regulatory treatment of costs or benefits related to actual construction cost and plant operation differing from what was projected for the RFP.

i. Once the competing bids have been evaluated by PacifiCorp and the IEs, PacifiCorp and the IE will compare results.

j Offer feedback to PacifiCorp on possible adjustments to the scope or nature of the solicitation or requested resources in light of bid responses received.

k. Solicit additional information on bids necessary for screening and evaluation purposes.

l. Advise the Commissions at all stages of the process of any unresolved disputes or other issues or concerns that could affect the integrity or outcome of the solicitation process.

m. Analyze and attempt to mediate disputes that arise in the solicitation process with PacifiCorp and/or bidders, and present recommendations for resolution of unresolved disputes to the Commissions.

n. Participate in and testify at Commission hearings on approval of the Solicitation and Solicitation Process and/or acknowledgement of the final shortlist.

o. Coordinate as appropriate and as directed by the Commissions with staff or evaluators designated by regulatory authorities from other states served by PacifiCorp.

2) The communications between the IEs, PacifiCorp, and the bidders shall be conducted in the following manner:

a. the IE will be included in the communications between the parties as described in Appendix N.

3) The IEs shall prepare at least the following confidential reports and provide them to the Commissions and the PacifiCorp:

a. Final reports as soon as possible following the completion of the solicitation process. Final reports shall include analyses of the solicitation, the solicitation process, the PacifiCorp’s evaluation and selection of bids and resources, the final results and whether the selected resources are in the public interest.

4) Communication between the evaluation team and PacifiCorp’s benchmark team:

a. The evaluation team, may not be members of the benchmark team, nor communicate with members of such team during the solicitation process about any aspect of the solicitation process except in the presence of the IEs, except that internal company attorneys and credit analysis personnel may deliver legal or credit advice, as applicable, to either or both teams, or except as authorized herein.

b. The IE must participate in any communications between members of the benchmark team and evaluation team and must retain a copy of all such correspondence to be made available in future Commission proceedings.

c. The evaluation team shall have no direct or indirect contact or communication with any bidder except in the presence of an IE until such time as a final shortlist is selected by the PacifiCorp.

d. Should any bidder or a member of the benchmark team attempt to contact a member of the evaluation team, such bidder or member of the benchmark team shall be directed to the IE for all information and such communication shall **promptly** be reported to the IE by the evaluation team.

# RFP APPENDIX NCode of Conduct Governing PacifiCorp’s Intra-Company Relationships for RFP Process

As part of the RFP process, PacifiCorp will commit to abide by a self-imposed code of conduct which will govern PacifiCorp’s intra-company business relationships in order to ensure a fair and unbiased RFP evaluation and selection process. As part of the RFP process, PacifiCorp has identified various teams and employees who will be responsible for the evaluation of the bids and the development of any company benchmark resource. These employees and teams are also defined and described in Section 3.E of the 2017R RFP. The evaluation team and the benchmark team will have separate responsibilities and be required to adhere to the self-imposed code of conduct.

Bidders will provide an Intent to Bid Form that will not be blinded. The evaluation team and the benchmark team will comply with this code of conduct during the RFP evaluation process.

**EVALUATION TEAM**

The evaluation team will be made up of employees from several PacifiCorp departments. Consistent with PacifiCorp’s identification of shared employees under FERC’s Standards of Conduct,[[5]](#footnote-6) the IRP work group will be treated as a shared resource to perform work for the evaluation team and the benchmark team. The IRP work group will not share any information it obtains from either team with the other team and the IRP work group will not share any non-public transmission system information with either team at any point in this process.

As set forth below in the information status, no members of the evaluation team will have contact or 2017R RFP-related communication with any bidder or the benchmark team unless the IE is included. If any bidder or member of the benchmark team attempts to contact a member of the Evaluation Team, such member of the evaluation team will only respond if the IE is included.

The roles and responsibilities of the members of the evaluation team are set forth below, along with the individual member’s name and title and information status restrictions.

***Evaluation Team: Origination, Structuring and Pricing, Environmental and Credit***

**1. Origination**

*Roles*: Members of origination will be responsible for overall coordination of the RFP process, including bid process management for all proposals. Origination will have responsibility to coordinate with the IE and all of the evaluation team. Origination will perform the evaluation of the non-price components of the bid analysis. Origination will participate on the Intent to Bid team.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the evaluation team will have 2017R RFP-related contact or communication with any bidder unless the IE is included.

**2. Structuring and Pricing**

*Roles*: Members of PacifiCorp’s structuring and pricing will be responsible for the economic analysis and modeling for the initial shortlist including the validation on the inputs to the risk assessment of the bid and the initial evaluation of the benchmark resources.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the evaluation team will have 2017R RFP-related contact or communication with any bidder unless the IE is included.

**3. Environmental**

*Roles*: Environmental will be responsible for evaluation of the applicable environmental, siting and facilities permits and other environmental reviews of the project bid.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the evaluation team will have 2017R RFP-related contact or communication with any bidder unless the IE is included.

**4. Credit**

*Roles*: Credit will be responsible for credit screening, evaluation and monitoring throughout the entire RFP process.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of credit will have 2017R RFP-related contact or communication with any bidder unless the IE is included. Credit will also participate on the Intent to Bid team.

**BENCHMARK TEAM**

***Benchmark Team Resource development, wind operations, financial***

PacifiCorp’s benchmark team prepares and submits PacifiCorp’s benchmark bids into the 2017R RFP. The benchmark team is comprised of employees within PacifiCorp that are assigned to complete all the tasks associated with preparation of the proposals in compliance with the RFP requirements.

**1. Resource Development**

*Roles*: Members of resource development will be responsible for overall coordination of preparing the benchmark resource proposal. Resource development will have responsibility to coordinate with the IE and the evaluation team.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the benchmark team will have 2017R RFP-related contact or communication with any evaluation team member unless the IE is included.

**2. Financial**

*Roles*: Members of PacifiCorp’s financial department will be responsible for the economic analysis and modeling tasks associated with preparation of the proposals in compliance with the RFP requirements.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the benchmark team will have 2017R RFP-related contact or communication with any evaluation team member unless the IE is included.

**3. Wind Operations**

*Roles*: Wind operations will be responsible for development of the applicable environmental, siting and facilities permits and other environmental studies associated with preparation of the proposals in compliance with the RFP requirements. Wind operations will also provide O&M costs for the benchmark submittals.

*Individual Members and Titles*: To be submitted to the IEs upon issuance of the RFP and updated if there are any changes.

*Information Status*: No members of the benchmark team will have 2017R RFP-related contact or communication with any evaluation team member unless the IE is included.

# RFP APPENDIX ODescription of Proposed Gateway Segment D2

**Windstar to Populus (Gateway Segment D)**

The Windstar to Populus transmission project known as Gateway Segment D consists of three (3) key sections:

1. A single-circuit 230 kV line that will run approximately 75 miles between the existing Windstar substation in eastern Wyoming and the planned Aeolus substation near Medicine Bow, Wyoming;
2. **A single-circuit 500 kV line running approximately 140 miles from the planned Aeolus substation to a new annex substation (Anticline) near the existing Bridger substation in western Wyoming;** and
3. A single-circuit 500 kV line running approximately 200 miles between the new annex substation (Anticline) and the recently constructed Populus substation in southeast Idaho.

Only the Section D2 is proposed for construction at the current time as identified on the map below. Bidders can also visit the interactive maps at the Gateway project website <http://www.gatewaywestmaps.com/>.



**Segment D2**

1. Expected Annual Energy production must be the same value used in other parts of this proposal. [↑](#footnote-ref-2)
2. Most current version would be included in any execution-ready PPA. [↑](#footnote-ref-3)
3. Projects # 2, 3, and 4 are projects that PacifiCorp has development rights for but does not preclude the owner of the projects or other developers from submitting separate market bids with the projects. [↑](#footnote-ref-4)
4. For Utah, see Utah Admin. Code R746-420-6. For Oregon, see UM 1182 Order 06-446 and Order 14-149. [↑](#footnote-ref-5)
5. See Appendix I [↑](#footnote-ref-6)