



**Request for Proposals**

**Solar Resources**

**(2017S RFP)**

**ISSUED: Wednesday, November 15, 2017**

**DUE DATE: Monday, December 11, 2017 5:00 PM PPT**

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**2017S RFP Responses:**

**PacifiCorp  
RFP 2017S  
Resource & Commercial Strategy  
825 NE Multnomah, Suite 600  
Portland, Oregon 97232**

**[rfp\\_2017S@pacificorp.com](mailto:rfp_2017S@pacificorp.com)**

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# TABLE OF CONTENTS

	<b>Page</b>
SECTION 1. INTRODUCTION .....	1
SECTION 2. PROCEDURAL ITEMS .....	3
SECTION 3. LOGISTICS .....	3
A. SCHEDULE.....	4
B. INTENT TO BID FORMS .....	4
C. 20017S RFP BIDDER CONFERENCE .....	5
D. SUBMISSION OF QUESTIONS .....	5
E. RFP ROLES AND TEAMS .....	5
F. SUBMISSION OF BIDS .....	7
G. BID EVALUATION FEES .....	8
H. MINIMUM ELIGIBILITY REQUIREMENTS FOR BIDDERS .....	8
I. COMPANY RESERVATION OF RIGHTS AND DISCLAIMERS .....	10
J. ACCOUNTING .....	10
K. CONFIDENTIALITY.....	10
SECTION 4. RFP CONTENT.....	11
A. ALL PROPOSALS .....	11
B. POWER PURCHASE AGREEMENT .....	12
C. ALTERNATIVE STRUCTURE PROPOSALS.....	13
SECTION 5. RESOURCE INFORMATION.....	14
A. PRICE INFORMATION .....	14
B. DIRECT INTERCONNECTION OR THIRD-PARTY INTERCONNECTION AND TRANSMISSION SERVICE.....	15
C. FERC’S STANDARDS OF CONDUCT.....	16
D. RESOURCE TYPES ELIGIBLE TO BID .....	16
E. TAX CREDITS AND/OR PROJECT INCENTIVES.....	17
F. ACCOUNTING .....	17
G. COST ASSOCIATED WITH DIRECT OR INFERRED DEBT .....	18
SECTION 6. BID EVALUATION AND SELECTION .....	18
A. OVERVIEW OF THE EVALUATION PROCESS .....	18
B. PHASE 1 – INITIAL SHORTLIST .....	19
C. PHASE 2 – FINAL SHORTLIST.....	22
SECTION 7. AWARDING OF CONTRACTS.....	25
A. INVITATION .....	25
B. CONFIDENTIALITY AGREEMENT.....	25
C. NON-RELIANCE LETTER.....	25
D. POST-BID NEGOTIATION .....	25
E. SUBSEQUENT REGULATORY ACTION .....	26

## **Appendices**

APPENDIX A	2017S Renewable Project Technical Specification
APPENDIX B	Notice of Intent to Bid and Information Required in Bid Proposals
APPENDIX C	Bid Summary and Pricing Input Sheet (Instructions for PPA)
APPENDIX D	Bidder's Credit Information
APPENDIX E-1	PPA Instructions to bidders
APPENDIX E-2	Power Purchase Agreement (PPA) Documents
APPENDIX F-1	Reserved
APPENDIX F-2	Reserved
APPENDIX G	Confidentiality Agreement and Non-Reliance Letter
APPENDIX H	Reserved – Intentionally Left Blank – See APPENDIX C for Pricing Input Sheet
APPENDIX I	FERC's Standards of Conduct
APPENDIX J	Qualified Reporting Entity Services Agreement
APPENDIX K	Reserved
APPENDIX L	Reserved
APPENDIX M	Role of the Independent Evaluator
APPENDIX N	Reserved
APPENDIX O	Reserved

## SECTION 1. INTRODUCTION

This 2017S Request for Proposals for solar photovoltaic (PV) resources (2017S RFP) is seeking cost-competitive bids for solar energy interconnecting with or delivering to PacifiCorp's system that will reduce system costs and provide net benefits for customers. As assessed in its 2017 Integrated Resource Plan (IRP), federal tax extender legislation passed in late 2015 provides an opportunity for qualifying renewable energy projects to receive the federal energy investment tax credit (ITC) available under section 48 of the Internal Revenue Code.<sup>1</sup>

PacifiCorp (or "Company") is seeking proposals for competitively-priced solar PV projects to deliver to PacifiCorp's transmission system in its west and east balancing areas (PACW and PACE, respectively). Proposals must demonstrate to PacifiCorp's satisfaction, and as determined in its sole discretion, that the proposed project can achieve commercial operation prior to December 31, 2020. PacifiCorp is not bound to accept any bids, and may cancel this solicitation at any time and at its own discretion.

Projects must be a discrete generating asset that is not located behind any load served by a utility or net-metered and the project must be individually metered and remotely monitored. The minimum project size is 10.0 megawatts (MW) alternating current (AC)<sup>2</sup>. The maximum size limit for an individual project bid into the 2017S RFP is 300 MW.

PacifiCorp will accept proposals for new greenfield solar PV resources capable of directly interconnecting with and delivering energy to PacifiCorp's network transmission system in PACW and PACE or capable of delivering energy to PacifiCorp's transmission system in PACW and PACE with the use of third-party firm transmission service.

PacifiCorp will consider proposals for a power purchase agreement (PPA) for up to a twenty-five (25) year term with exclusive ownership by PacifiCorp of any and all environmental attributes associated with all energy generated<sup>3</sup>.

PacifiCorp is limiting the resource type to solar PV only and will not accept bids that combine solar PV with other technologies such as battery storage, wind, geothermal, or hydro in this RFP. PacifiCorp is also not accepting "build-transfer" structures under the RFP at this time. However, PacifiCorp is interested in creative proposal options that add value to customers without creating additional technology or development risk. PacifiCorp will allow bidders to propose alternative structures that are in compliance with the two restrictions noted in this paragraph, however such proposals will be considered (or not

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<sup>1</sup> The federal ITC rules currently provide for a 30 percent ITC for solar facilities of which construction begins before January 1, 2020. In the case of solar facilities for which construction begins after December 31, 2019 and before January 1, 2021 the ITC is 26 percent. For solar facilities of which construction begins after December 31, 2020 and before January 1, 2022 the ITC is 22 percent. However, for all solar facilities of which construction begins before January 1, 2022 (including all solar construction starting in 2019 – 2021) and which is not placed in service before January 1, 2024, the ITC is 10 percent.

<sup>2</sup> All references in this document will be alternating current (AC) unless specifically identified and noted in document.

<sup>3</sup> As the term, Environmental Attributes, is defined in the pro-forma transaction documents for this RFP.

considered) at PacifiCorp’s sole discretion and PacifiCorp reserves the right to reject non-compliant bids.

At the bidder’s option, the PPA bid submittal can include the right for PacifiCorp to purchase the project assets during or at the end of the proposed contract term at fair market value (FMV) to retain the value of the site for customers.

For longer-term contract offers (i.e., PPA terms of 20 to 25 years without PPA extensions, or PPA terms that, after consideration of extension options, would result in a PPA term of 20 to 25 years), bidders should carefully consider the potential book and tax lease accounting treatment or Variable Interest Entity (VIE) treatment implications. For these PPA offers of 20 years or greater (Long Term), bidders that are selected to the initial shortlist will be required, if requested by PacifiCorp, to supply projected cash flows through the life of the underlying asset so that PacifiCorp can assess potential accounting implications. Potential accounting treatment impacts will be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a Long Term PPA offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility. Please also refer to Section 5.F of this RFP.

PacifiCorp will not be submitting a self-build (“Benchmark”) option in this RFP or accepting bids from a PacifiCorp affiliate in this RFP.

While PacifiCorp is not required to conduct the RFP under the oversight of an independent evaluator (IE), PacifiCorp will engage London Economics International, LLC (LEI) as an IE to provide assurance for a transparent and fair process. Potential bidders are invited and encouraged to contact the the IE with questions or concerns.

Contact information for the IE is as follows:

<b>Independent Evaluators:</b>
London Economics International, LLC Marie Fagan (617) 933-7200 <a href="mailto:pacificorpsolarrfp@londoneconomics.com">pacificorpsolarrfp@londoneconomics.com</a>

PacifiCorp will seek rate recovery consistent with standard rate making practices in its six state jurisdictions.

## SECTION 2. PROCEDURAL ITEMS

PacifiCorp will evaluate proposals based on the following:

- Customer cost,
- Deliverability, including site control, development status, developer's experience, and demonstration that the project's commercial operation date will be achieved by December 31, 2020,
- Transmission access and interconnection status in conformance with the 2017S RFP requirements,
- Compliance with and verification of major equipment availability defined in **Appendix A - Technical Specification**, and as outlined in **Appendices A-1 through A-10**.
- Ability to provide acceptable credit security for the bidder's proposed obligation and conformance to the *pro forma* agreements attached as **Appendices E-2** to this RFP.

Each proposal will be prepared at the sole cost and expense of the bidder and with the express understanding that there will be no claims whatsoever for reimbursement from PacifiCorp. PacifiCorp is not liable for any costs incurred by bidders in responding to this RFP, or for any damages arising out of or relating to PacifiCorp's rejection of any proposal, or bidder's reliance upon any communication received from PacifiCorp, for any reason. Bidder shall bear all costs, expenses, and bidder fees of any response to PacifiCorp in connection with its proposal for the 2017S RFP, including providing additional information, the bidder fee and the success fee, if project is selected to the final shortlist, and bidder's own expenses in negotiating and reviewing any documentation.

**Appendix E-1 - PPA Instructions to bidder** provides additional detail on preparation of bid document deliverables.

All proposals belong to PacifiCorp and will not be returned. Confidentiality agreements (CA) and mutual nondisclosure agreements (NDAs) will be executed with projects as part of this RFP. PacifiCorp will use reasonable efforts to protect information clearly and prominently marked as proprietary and confidential on the page it appears, but PacifiCorp reserves the right to release such information to agents or contractors to help evaluate the proposal, as well as to its regulators and non-bidding parties to regulatory proceedings subject to standard protective orders or confidentiality arrangements. PacifiCorp shall not be liable for any damages resulting from any disclosure of such information, howsoever occurring.

PacifiCorp will accept offers that include several different alternatives under the same proposal. For each bid proposal, bidders must submit a bid fee of \$10,000 which allows a bidder to submit a base proposal and two (2) alternatives for the same \$10,000 bid fee. Bidders will also be allowed to offer up to three (3) additional alternatives to the base proposal at a fee of \$3,000 per alternative.

## SECTION 3. LOGISTICS

## A. SCHEDULE

<b>Milestone</b>	<b>Date</b>	<b>Day of Week</b>
Solar RFP issued to market	11/15/2017	Wednesday
Solar RFP Bidder's Conference	11/21/2017	Tuesday
Solar RFP Notice of Intent to Bid Due	11/27/2017	Monday
Solar RFP Bids Due	12/11/2017	Monday
Solar Bid Eligibility Screening Completed	12/21/2017	Thursday
Solar Initial Shortlist (ISL) Evaluation/Scoring Completed	01/08/2018	Monday
Solar IE's Review of ISL Completed	01/29/2018	Monday
Solar ISL Price Update	02/05/2018	Monday
Solar Capacity Factor Evaluation on ISL Completed	02/12/2018	Monday
Solar Final Shortlist (FSL) Evaluation Completed	03/16/2018	Friday
Solar IEs' Review of FSL Completed	03/30/2018	Friday
Solar Execute Agreements	06/28/2018	Thursday

The indicative schedule above is subject to change. Actual dates may vary from the indicative schedule for reasons that include, but are not limited to, negotiation time, availability of key personnel, due diligence, the evaluation or negotiation of any issues unique to any bid, bidder, or project, bidder's willingness to agree to forms of agreements desired by PacifiCorp, PacifiCorp's evaluation of bidder's creditworthiness, and actions required by any third parties. PacifiCorp accepts no liability to the extent the actual schedule varies from the indicative schedule. PacifiCorp is not obligated to develop a shortlist of bidders, to make a final selection, or to initiate or complete negotiations on any transaction.

**Bidders should note the condensed schedule and be available for calls and meetings with PacifiCorp and the IE regarding bid submittals and responsive to questions in a timely manner. PacifiCorp and the IE will attempt to complete the bid review and screening as efficiently as possible but may require very short turnaround times on bid clarifications in order to meet its RFP milestones and schedule.**

## B. INTENT TO BID FORMS

Bidders who intend to be considered as part of this RFP process must return both the "Intent to Bid Form" (**Appendix B**) and the "Bidder's Credit Information" (**Appendix D**) in an electronic copy to the following PacifiCorp and IE's email addresses, no later than **5:00 p.m. Pacific Prevailing Time on Monday, November 27, 2017.**

Email: [rfp\\_2017S@pacificorp.com](mailto:rfp_2017S@pacificorp.com)  
[pacificorpsolarrrfp@londoneconomics.com](mailto:pacificorpsolarrrfp@londoneconomics.com)

**C. 20017S RFP BIDDER CONFERENCE**

A bidder conference will be held on **Tuesday, November 21, 2017** in Portland, Oregon. The bidder conference will cover the 2017S RFP structure, deliverables and schedule as well as allocating specific time to cover the Appendix C requirements and energy performance analysis. The bidder conference is scheduled for two (2) hours at the location and start time below and will also be set up as a webinar for remote attendance. Additional details on the bidder conference will be posted to the PacifiCorp website.

	<b>Portland</b>
Day	Tuesday
Date:	November 21, 2017
Time:	10:00 AM to 12:00 PM Pacific Time
Location:	PacifiCorp Learning Center at east end of Lloyd Center Mall
Room	Umpqua Room

**D. SUBMISSION OF QUESTIONS**

Interested parties and bidders may submit questions related to this solicitation, and PacifiCorp will respond in a timely fashion. All information, including pre-bid materials, questions, and PacifiCorp’s response to questions, will be posted on the PacifiCorp website at [www.pacificorp.com/sup/rfps/2017s-rfp.html](http://www.pacificorp.com/sup/rfps/2017s-rfp.html)

Email - Communications with the IE or PacifiCorp can also be emailed directly at the following email addresses:

- IE: Marie Fagan  
pacificorpsolarrrfp@londoneconomics.com
- PacifiCorp: [rfp\\_2017S@pacificorp.com](mailto:rfp_2017S@pacificorp.com)

**E. RFP ROLES AND TEAMS**

The RFP teams will be established by PacifiCorp prior to the final approval of the RFP. The RFP teams shall consist of an evaluation team, intent to bid team, and IRP team. The composition of the teams and their primary roles and responsibilities are shown in the following table and further described in **Appendix N**.



Team	PacifiCorp Department	Roles
IE		The IE will ensure a fair and reasonable process is used in the RFP and will validate that PacifiCorp is following the bidder pre-approval process and monitor and document all material aspects of the solicitation, evaluation and negotiation processes. See <b>Appendix M</b> for the roles of the IE.
Evaluation Team:	Origination, resource development, energy supply management, and/or third-party consultants as required	Overall coordinator of the process. Bid process management for all proposals and coordination with the IE and all of the work groups. Evaluation of the non-price components of the analysis. Specifying, evaluating and confirming conformity with design specifications; conducting, as needed, technological and operational due diligence, environmental due diligence on all resources.
	Structuring and pricing, accounting, tax, and/or third-party consultants as required	Economic analysis and modeling including validation of the inputs to the production cost modeling and risk assessment of the market bids. Evaluation of the price components of the analysis. Evaluation of accounting treatment impacts of bids.
	Environmental and operations	If applicable, review of local, state, and federal permits, permit applications, and supporting documentation, including: wildlife baseline study; rare plant habitat assessments; wetlands survey; historic, cultural, and archaeological resources survey; Phase One environmental site assessment; and project mitigation and monitoring plan (including any proposed conservation easements).
	Credit	Evaluate credit requirements for final shortlist bidders
	Legal	Legal will confirm compliance of bids to requirements of RFP and its forms, attachments and appendices; conduct of legal process; conducting due diligence inquiries; supervising any documentation entered into as part of the RFP process.
Intent to Bid Team	Origination, legal and credit	Origination, legal and credit will work with the IE to ensure that <b>Appendix B and Appendix D</b> are complete.
IRP Team	IRP workgroup	The IRP team will perform work for the evaluation team in running SO and PaR models.

## F. SUBMISSION OF BIDS

All submitted bids must be transmitted by express, certified or registered mail, or hand delivery to the following address:

**PacifiCorp 2017S RFP**  
Attention: Resource & Commercial Strategy  
825 NE Multnomah, Suite 600  
Portland, Oregon 97232

A signed original hard copy of the bid shall be submitted prepared on standard 8 1/2 inch by 11 inch recycled paper, duplex printed (2 sided). **THE BID MUST BE ORGANIZED IN THE SAME ORDER AS THE INFORMATION IS REQUESTED IN THIS RFP.** The hard copy bid should also include four (4) copies of the full proposal on individual USB flash drives or disks. PacifiCorp may reject any bid that fails to follow these instructions.

In addition, bidders must submit one (1) electronic copy to PacifiCorp at: [rfp\\_2017S@pacificorp.com](mailto:rfp_2017S@pacificorp.com).

PacifiCorp will respond with a receipt email.

**Bids will be accepted until 5:00 p.m. Pacific Prevailing Time on MONDAY, DECEMBER 11, 2017**

**PacifiCorp will not accept any late proposals. Any bids received after this time will be returned to the bidder unopened.**

**All bid proposals shall have a bid validity date through 5:00 pm PPT, Thursday, June 28, 2018.** Bids selected to the initial shortlist will be asked to update their bid prices as part of the negotiation process.

Bidders must submit complete proposals that include the following items:

1. One (1) signed original hard copy of each bid and four copies on USB drives with all required forms including all exhibit sheets required in **Appendix A** and **Appendices E-1** and **E-2 (PPA)**.
2. One (1) electronic copy of the bid sent to each of the two email addresses provided, which should include any required forms in PDF format and Microsoft Excel format, as required, including all exhibit sheets required in **Appendix A**.
3. One (1) electronic copy of the **Appendix C – Bid Summary and Pricing Input Sheet** in original Microsoft Excel format, and a hard copy. The bidder must provide a solar assessment analysis/report using PVSyst that supports the capacity factor. Bidder must provide a complete set of modeling input files in Microsoft Excel format that PacifiCorp can use to simulate the performance using PVSyst, PacifiCorp's preferred solar performance model. The performance estimation report must meet the requirements in **Appendix A (Solar) - Paragraph A-1.1**. Solar proposals must supply a representative annual hourly (8760 hours) energy profile reflecting expected unit availability, but before accounting for degradation.

The hourly energy profile must present performance as alternating current and be in Microsoft Excel format.

In the event the bidder chooses to use different performance modeling software than specified, the bidder must provide sufficient data and inputs for PacifiCorp to validate the expected performance of the proposed resource.

#### **G. BID EVALUATION FEES**

Bidders shall pay a fee (Bid Fee) of \$10,000 for each base proposal and two (2) alternatives submitted. Bidders will also be allowed to offer up to three (3) additional alternatives to the base proposal at a fee of \$3,000 per alternative. Alternatives will be limited to different bid sizes, contract terms, in service dates, and/or pricing structures. A bidder may submit more than one proposal. If a bidder submits the same proposal but with three different bid sizes, the proposal will be considered one proposal with two alternatives and the bidder will pay one bid fee. PacifiCorp's objective in offering bidders the opportunity to propose multiple alternatives is to allow PacifiCorp to optimize the benefits from the solicitation by combining proposals of different sizes, terms and in-service dates. Proposals must be submitted in the legal name of the respondent who would be bound by any agreement with PacifiCorp.

A success fee will be charged to successful winning bid(s) to cover any incremental costs of the IE, provided that in no event shall the success fee exceed \$300,000 dollars per successful bid. Documentation of the calculation of the success fee will be computed in cooperation with the IE and provided to the bidder at the time the bid is selected to final shortlist.

Payment of Bid Fees. Bid fees shall be paid by wire transfer to PacifiCorp. PacifiCorp will email wire transfer instructions to bidders who have submitted a notice of intent to bid, by Friday December 1, 2017. No cashier's checks will be accepted. Bidder shall provide documentation of submitted bid fees, such as a receipt of the wire transfer or wire transfer confirmation number when bid is submitted. If a proposal is deemed "Not Complete" and the bidder elects not to cure any identified deficiencies in the allowed period of time, the bid and all bid fees will be returned to the bidder and PacifiCorp will no longer consider that bid(s). Once the bid is deemed "Complete and Conforming", PacifiCorp will not refund any bid fees associated with any bid, regardless of the success or failure of that bid.

#### **H. MINIMUM ELIGIBILITY REQUIREMENTS FOR BIDDERS**

Bidders may be disqualified for failure to comply with the RFP if any of the requirements outlined in this RFP are not met to the satisfaction of PacifiCorp, as determined in its sole discretion. If proposals do not comply with these requirements, PacifiCorp has the option to deem the proposal non-conforming and eliminate it from further evaluation. Reasons for rejection of a bidder or its proposal include, but are not limited to:

1. Receipt of any proposal after the response deadline.
2. Failure to meet the requirements described in this RFP and provide all information requested in **Appendix C - Bid Summary and Pricing Input Sheet** of this RFP.
3. Failure to demonstrate a commercial operation date prior to December 31, 2020.

4. Failure to permit disclosure of information contained in the proposal to PacifiCorp's agents, contractors, regulators, or non-bidding parties to regulatory proceedings under appropriate confidentiality agreements.
5. Any attempt to influence PacifiCorp in the evaluation of the proposals, outside the solicitation process.
6. Failure to provide a firm offer through the bid validity date outlined in Section 3.F. of this RFP.
7. Failure to disclose the real parties of interest in the submitted proposal.
8. Bidder is in current material litigation or has threatened material litigation against PacifiCorp. For the purpose of this provision, material litigation shall mean a dispute in excess of five (5) million dollars in which bidder has issued a demand letter to PacifiCorp, the bidder and PacifiCorp are currently in dispute resolution, the bidder and PacifiCorp have an unresolved dispute pending or bidder has noticed a pending legal action against PacifiCorp. Material litigation excludes bidder complaints before a state regulatory utility commission. PacifiCorp will consult with the IE to determine if the bidder should be excluded if the bidder is threatening litigation against or in active litigation with the company.
9. Failure to clearly specify all pricing terms for each alternative(s).
10. Failure to offer unit contingent (as generated) or system firm capacity and energy, directly interconnected with Company's network transmission system in its PACW and PACE balancing areas or capable of delivering energy to PacifiCorp's transmission system with the use of third-party firm transmission service (including appropriate contract term lengths and commercial operation dates).
11. Failure to provide 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.
12. Failure to provide all interconnection costs and transmission service costs, if applicable, in bid proposal. Costs estimates shall be performed and provided by the project if a transmission provider study has not been completed or is not available at the time of submittal.
13. Proposal presents unacceptable level of development or technology risk including multiple resource types combined under a single bid.
14. Failure to materially comply with technical specification requirements in **Appendix A**
15. Failure to demonstrate a process to adequately acquire or purchase major equipment (i.e., solar photovoltaic panels, inverters, tracking system, generator step-up transformers) and other critical long lead time equipment.
16. Failure to demonstrate, to PacifiCorp's satisfaction, that it can meet the credit security requirements for the solar resource proposed.
17. Failure to submit information required by PacifiCorp to evaluate the price and non-price factors described herein.
18. Failure to or unable to abide by the applicable safety standards.
19. Bidder submits an unacceptable contract structure.
20. Collusive bidding or any other anticompetitive behavior or conduct exists.

21. Bidder or proposed project being bid is involved in bankruptcy proceedings.
22. Failure of the bidder's authorized officer to sign the proposal.
23. Misrepresentation or failure to abide by Federal Trade Commission Green guidelines.
24. Any change in regulations or regulatory requirements that make the bidder's proposal non-conforming.
25. Any matter impairing the bidder, the specified resource or the generation of power or environmental attributes of the renewable resource.
26. Failure to provide a performance model output including hourly output values as identified in **Appendix A**.
27. Failure to provide **Exhibit D - Bidder's Credit Information**.
28. Any matter impairing bidder, specified resources or the generation of power or non-power attributes therefrom.
29. Failure to provide documentation of site control for the project excluding right-of-way or easements for transmission, roads, or access to the site.

## **I. COMPANY RESERVATION OF RIGHTS AND DISCLAIMERS**

PacifiCorp reserves the right, without limitation or qualification and in its sole discretion, to reject any or all bids, and to terminate or suspend this RFP in whole or in part at any time. Without limiting the foregoing, PacifiCorp reserves the right to reject as non-responsive any or all bid proposals received for failure to meet any requirement of this RFP outlined herein. PacifiCorp further reserves the right without qualification and in its sole discretion to decline to enter into any agreement with any bidder for any reason, including, but not limited to, change in regulations or regulatory requirements that impact PacifiCorp, and/or any collusive bidding or other anticompetitive behavior or conduct of bidders.

Bidders who submit bid proposals do so without recourse against PacifiCorp, its parent company, its affiliates and its subsidiaries, or against any director, officer, employee, agent or representative of any of them, for any modification or withdrawal of this RFP, rejection of any bid proposal, failure to enter into an agreement, or for any other reason relating to or arising out of this RFP. Bidders will be required to execute **Appendix G - Confidentiality Agreement** after the initial shortlist is identified and **Appendix G - Non-Reliance Letter** after being selected to the final shortlist, prior to entering into final negotiations.

## **J. ACCOUNTING**

All proposals will be assessed by PacifiCorp for appropriate accounting and tax treatment. Bidders must supply all information PacifiCorp reasonably requires in order to make these assessments if project is selected to the initial shortlist.

## **K. CONFIDENTIALITY**

PacifiCorp will attempt to maintain the confidentiality of all bids submitted, to the extent consistent with law or regulatory order, as long as such confidentiality does not adversely impact a regulatory proceeding. It is the bidder's responsibility to clearly indicate in its proposal what information it deems to be confidential. Bidders may not mark an entire

proposal as confidential, but must mark specific information on individual pages to be confidential in order to receive confidential treatment for that information.

All information supplied to PacifiCorp or generated internally by PacifiCorp is and shall remain the property of PacifiCorp. The bidder expressly acknowledges that PacifiCorp may retain information submitted by the bidder in connection with this RFP. To the extent bidder receives information from PacifiCorp, bidder shall maintain the confidentiality of such information and such information shall not be available to any entity before, during or after this RFP process unless required by law or regulatory order.

Only those Company employees who are directly involved in the RFP process or with the need to know for business reasons will be afforded the opportunity to view submitted bids or bidder information.

Bidders should be aware that information supplied by bidders may be requested and supplied during regulatory proceedings, subject to appropriate confidentiality provisions applicable to that particular proceeding. This means that parties to regulatory proceedings may request and view confidential information. If such a request occurs, PacifiCorp will attempt to prevent such confidential bidder information from being supplied to intervening parties who are also bidders, or who may be providing services to a bidder, but PacifiCorp cannot promise success in that endeavor and accordingly cannot be held liable for any information that it is ordered to be released or that is inadvertently released.

Lastly, PacifiCorp intends to utilize its internal, proprietary models in its evaluation process. These models, the assumptions used in these models, and the bid evaluation results will not be shared with entities external to PacifiCorp or its consultants, including bidders, unless required to support regulatory proceedings, required by law, or required by regulatory order.

## **SECTION 4. RFP CONTENT**

### **A. ALL PROPOSALS**

This section outlines the content and format requirements for all proposal structures and alternative proposal structures. Proposals that do not include the information requested and in a form described in this section may be deemed ineligible for further evaluation if the bidder does not provide information within 24-hours of a request by PacifiCorp or not relevant as determined by PacifiCorp in its sole discretion. All sections must be complete and in compliance with the RFP in order for the bid to be accepted. In addition to the requirements listed here, bidders must meet the requirements of **Appendix B - Information Required in Bid Proposals**.

While bidders may submit alternative ownership proposals, such alternative ownership proposals will be considered by PacifiCorp in its sole discretion to determine whether these alternatives provide an attractive benefit for customers and comply with PacifiCorp's requirement that the bids are solar PV only. Each bidder must provide complete information as requested in all appendices, forms and attachments outlined in the table below that is relevant to its proposal and for any alternative, as applicable.

	<b>2017S RFP Bid Applicability</b>	<b>PPA</b>	<b>Alternative Structures</b>
Appendix A	Renewable Resource Technical Specification		
<i>Appendix A-1</i>	<i>Overview of Appendices</i>	--	--
<i>Appendix A-2</i>	<i>Interconnection Agreement</i>	X	X
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X	X
<i>Appendix A-4</i>	<i>Not used</i>		
<i>Appendix A-5</i>	<i>Project One-line Drawing and Layout</i>	X	X
<i>Appendix A-6</i>	<i>Division of Responsibility</i>		X
<i>Appendix A-7</i>	<i>Owner Standards and Specification</i>		X
<i>Appendix A-8</i>	<i>Performance Summary Report</i>	X	X
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix</i>	X	X
<i>Appendix A-10</i>	<i>Plant Performance Guarantee</i>		X
Appendix B	Intent to Bid and Information Required in Bid Proposal	X	X
Appendix C	Bid Summary and Pricing Input Sheet for PPA and Other Alternative Structures (including term sheets)	X	X
Appendix D	Bidder's Credit Information	X	X
Appendix E-1	PPA Instructions to Bidders	X	
Appendix E-2	PPA and Exhibits	X	
Appendix F-1	Reserved		
Appendix F-2	Reserved		
Appendix G	Confidentiality Agreement and Non-Reliance Letter	X	X
Appendix H	Reserved – Intentionally Left Blank – see Appendix C for Pricing Input Sheet		
Appendix I	FERC's Standards of Conduct		
Appendix J	QRE Agreement	X	
Appendix K	Reserved		
Appendix L	Reserved		
Appendix M	Role of Independent Evaluator	X	X
Appendix N	Reserved		
Appendix O	Reserved		

## **B. POWER PURCHASE AGREEMENT**

**Appendix C Bid Summary and Pricing Input Sheet** (PPA tab) shows the form of project information required for a bidder offering a PPA option. This is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing for the PPA. Bidder's proposal must contain all of the information requested in **Appendix E-1 - PPA Instructions to bidders**. The term of the PPA shall; (i) range up to twenty-five (25) years, with or without the right for PacifiCorp to purchase the project assets during or at the end of the proposed contract term at fair market value (FMV) to retain the value of the site for customers or, (ii) a twenty (20) year PPA term with an option for PacifiCorp to extend the PPA term at a proposed fixed price (\$/MWh) for up to five (5) years. The bidder must agree to meet its contractual obligations within the PPA during the term of the PPA.

For longer-term contract offers (i.e., PPA terms of 20 to 25 years without PPA extensions, or PPA terms that, after consideration of extension options, would result in a PPA term of 20 to 25 years), bidders should carefully consider the potential book and tax lease accounting treatment or Variable Interest Entity (VIE) treatment implications. Bidders that

make the initial shortlist and have PPA offers of 20 years or greater (Long Term), will need to supply projected cash flows through the life of the underlying asset so that PacifiCorp can assess potential accounting implications. Potential accounting treatment impacts will be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a Long Term PPA offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility. Please also refer to Section 5.F of this RFP.

The bidder's proposal must contain the information requested in **Appendix E-1 PPA Instructions to bidders**. The bidder must provide documentation and information, representations, and warranties sufficient to assure PacifiCorp that any proposed project will successfully complete construction and achieve full operation by December 31, 2020, and that any new resource will be eligible to claim, as applicable, the full or partial federal ITC as interpreted by applicable guidelines and rules of the Internal Revenue Service. PacifiCorp reserves the right to request bid cashflow information in order to complete its evaluation for capital lease accounting for tax purposes on Long Term PPAs if necessary.

Bidders should include a redlined or marked up version of **Appendix E-2 Power Purchase Agreement** showing exceptions to the terms of the pro forma PPA document. Bidders objecting to terms should provide alternate language and context to the objections for PacifiCorp to evaluate the alternate language. Bidders should also submit comments to the pro forma agreement on issues that they have concerns with and identify alternatives to address the issues. Providing a redline or issues list to the PPA is a requirement for eligibility; however substantive comments will be considered after determining the initial short list.

Bidders should be aware, that if selected, each bidder will be required to complete **Appendix J - Qualifying Reporting Entity (QRE) Services Agreement** as part of the PPA which establishes WREGIS registration and reporting obligations for both parties.

### C. ALTERNATIVE STRUCTURE PROPOSALS

As noted in Section 1, bidders may propose other alternative structures for sale of the output or the solar PV asset to PacifiCorp, such proposals will be considered (or not considered) at PacifiCorp's sole discretion and PacifiCorp reserves the right to reject non-compliant bids. Such bids should not create additional technology or development risk. PacifiCorp is limiting the resource type to solar PV only and will not accept bids that combine solar PV with other technologies such as battery storage, wind, geothermal, or hydro. Bidders must submit the appendices that are relevant to the bidder's proposed structure. Such proposals must include full documentation on the proposed structure.



## SECTION 5. RESOURCE INFORMATION

### A. PRICE INFORMATION

Bidders must supply **Appendix C – Bid Summary and Pricing Input Sheet** in its original Microsoft Excel format with all submitted proposals. Price information that must be supplied by the bidder includes:

Information Requested	PPA	Alternative Structures
Term: start and end date of PPA	X	
Transmission cost assumptions	X	X
Point of delivery (POD) and Point of receipt (POR)	X	X
Expected annual dispatch pattern, or generation profile, that reflects availability <sup>4</sup>	X	X
Availability rate and degradation assumed in annual dispatch or generation profile data	X	X
Designation of firm or unit contingent energy deliveries	X	
Energy price (\$/MWh) including fixed price for the term or 1 <sup>st</sup> year price with escalation for the PPA.	X	
Price and milestone payment schedule (\$ and dates, as applicable)		X
Variable O&M cost (\$/MWh, as applicable)		X
Fixed O&M cost (\$/Year, as applicable)		X
Ongoing capital (\$/Year, as applicable)		X
Other variable costs, <i>i.e.</i> , royalties (% of energy revenue, or \$/MWh, as applicable)		X
Variable energy payment, with escalation (\$/MWh escalating at X%/year, as applicable)		X
Fixed capacity payment, with escalation (\$/Month growing at X%/year, as applicable)		X
Other fixed charges, <i>i.e.</i> land leases, with escalation (\$/MWh, \$/MW or \$/Year growing at X%/year, as applicable)		
Buyout dates and prices (\$ or “fair market value,” as applicable if purchase option included in PPA)	X	
Qualifying costs and term for any incentives that reduce delivered costs, such as federal, state or local incentives including among others; federal ITC, bonus depreciation, property tax exemptions, or local economic incentives	X	X

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<sup>4</sup> Section 3.F.3 of the 2017S RFP describes the type of generation profiles required.

## **B. DIRECT INTERCONNECTION OR THIRD-PARTY INTERCONNECTION AND TRANSMISSION SERVICE**

PacifiCorp is seeking solar PV resources capable of: (1) directly interconnecting with PacifiCorp's system in its PACW and PACE balancing areas or (2) interconnecting with a third-party system and using third-party firm transmission service to deliver to PacifiCorp's transmission system. With either method, PacifiCorp prefers bids that will not face significant transmission costs or constraints between: (1) the resource's point of interconnection or the resource's delivery point on PacifiCorp's transmission system; and (2) PacifiCorp network load. While PacifiCorp provides these general guidelines, the available transfer capability from the project or project delivery point to PacifiCorp's network load cannot be known or estimated until the bidder identifies its proposed point of interconnection/point of delivery. Bidders are thus required to provide as much granularity and documentation as possible regarding their proposed point of interconnection/point of delivery.

As noted above, 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 transmission 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.

All proposals that will require a new electrical interconnection or an upgrade to an existing electrical interconnection, regardless of the project's interconnection to either PacifiCorp's system or to another utility's system, must include a firm statement of the cost of interconnection (broken out between network upgrade costs and facility specific or direct assigned interconnection costs), together with a diagram of the interconnection facilities. The interconnection costs included in the bids from all bidders will be considered as firm costs and included in the bid evaluation. Interconnection costs should be clearly identified in the resource cost proposal and differentiate the portion of costs associated with network upgrades and that portion that are facility-specific.

Although not required for initial bidding eligibility, PacifiCorp will ultimately require a completed interconnection system impact study (SIS) (for directly interconnected projects) or a completed third-party interconnection SIS 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 shortlist evaluation. Bids that are selected to the initial shortlist will be held to their best and final pricing for final shortlist evaluation. If selected to the final shortlist, bidder's agreement with PacifiCorp, any final transaction agreement, will include a condition precedent that states PacifiCorp will compare the actual direct assigned and network upgrade costs associated with the interconnection 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 price to reflect the reduction in interconnection costs. The Company will also compare the commercial operation date in the interconnection SIS and the transmission service study 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 direct assigned and network upgrade 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 choosing the third-party interconnection and third-party transmission option are responsible for any current or future third-party tariff requirements or tariff changes including, but not limited to, interconnection, variable energy resource, electric losses, reserves, transmission, integration, imbalance, scheduling, and ancillary service arrangements required to deliver to the point of delivery on PacifiCorp's system. These costs will not be included in the evaluation of PPA proposals as they are assumed to be the responsibility of the bidder.

Bidders that propose bids relying on third-party transmission should also be aware that the use of transmission that is interruptible within the hour in any segment of the schedule or tagged from the source to the point(s) of delivery will require PacifiCorp to evaluate the cost and need to carry reserves against the schedule, which can be up to 100% in the case of electricity moved from a third party control area to PacifiCorp's network transmission system.

All proposals will require firm transmission to PacifiCorp's network transmission system and proposed resources must be able to be designated by PacifiCorp's Energy Supply Management (ESM) function as a Network Resource under the network service contract between PacifiCorp Transmission ([www.oasis.pacificorp.com](http://www.oasis.pacificorp.com)) and PacifiCorp ESM.

#### **C. FERC'S STANDARDS OF CONDUCT**

Each bidder responding to this RFP must conduct its communications, implementation and operations in compliance with FERC's Standards of Conduct for Transmission Providers (see **Appendix I**), requiring the separation of its transmission and merchant functions. Any interconnection or transmission service is NOT a transmission service agreement with PacifiCorp's ESM merchant function; rather, it is with PacifiCorp's transmission function or other third-party transmission provider. As such, the bidder must follow the transmission provider's OASIS process. If requested, bidders shall execute a customer consent form consistent with FERC requirements that enables PacifiCorp's ESM merchant function to discuss the bidder's interconnection and/or transmission service application(s) with the transmission interconnection or transmission service provider.

#### **D. RESOURCE TYPES ELIGIBLE TO BID**

PacifiCorp is seeking new solar PV energy resources capable of directly interconnecting and/or delivering energy to PacifiCorp's network transmission system by December 31, 2020. PacifiCorp is limiting the resource type to solar PV only and will not accept bids

that combine solar PV with other technologies such as battery storage, wind, geothermal, or hydro. These resources must be capable of being interconnected with PacifiCorp's transmission system, or capable of delivering energy to PacifiCorp's transmission system with the use of third-party firm transmission service.

#### **E. TAX CREDITS AND/OR PROJECT INCENTIVES**

Bidders must bear all risks, financial and otherwise, associated with bidder's or the facility's eligibility to receive any state or federal energy tax credits, sales tax waivers or exemptions or any other identified tax credit or incentive, or qualify for accelerated depreciation for bidder's accounting, reporting or tax purposes, as applicable. The obligations of the bidder to perform under any executed agreement as a result of this solicitation shall be effective and binding regardless of whether the sale of or output from the bidder's facility under such agreement is eligible for, or receives investment tax credits, or other identified tax credits/incentives.

PacifiCorp will require written documentation of the amount, timing and control of any and all available tax credits/incentives that the bidder's facility is eligible for, applied for, and/or received. Such documentation shall include but not be limited to ownership rights to the credit, grant or incentive, timing including expiration dates and milestones to achieve the credit, grant, or incentive.

#### **F. ACCOUNTING**

All contracts proposed to be entered into as a result of this RFP will be assessed by PacifiCorp for appropriate accounting and tax treatment. Bidders shall be required to supply PacifiCorp with any and all information that PacifiCorp reasonably requires in order to make these assessments if the bid is selected to the initial shortlist. Specifically, given the term length of the PPA or alternative ownership proposal, accounting and tax rules may require either: (i) a contract be accounted for by PacifiCorp as a capital lease or operating lease<sup>5</sup> for book purposes pursuant to ASC 840, (ii) a contract be accounted for by PacifiCorp as a capital lease for tax purposes<sup>6</sup>, or (iii) the seller or assets owned by the seller, as a result of an applicable contract, be consolidated as a variable interest entity (VIE) onto PacifiCorp's balance sheet.<sup>7</sup>

As a result, bidders may be required by PacifiCorp to certify, with supporting information sufficient to enable PacifiCorp to independently verify such certification, that their proposals will not be subject to VIE treatment. Bidders should carefully consider the potential book and tax lease accounting treatment or VIE treatment implications associated with a Long Term PPA offers (i.e., PPA terms over 20 years). For these Long Term PPA offers, bidders will need to supply, if selected to the initial short list, projected cash flows

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<sup>5</sup> "Capital Lease" and "Operating Lease" - shall have the meaning as set forth in the Accounting Standards Codification (ASC) 840 as issued and amended from time to time by the Financial Accounting Standards Board.

<sup>6</sup> See IRS Code Section 7701(e) describing the test for capital lease for tax purposes.

<sup>7</sup> "Variable Interest Entity" or "VIE" - shall have the meaning as set forth in ASC 810 as issued and amended from time to time by the FASB.

through the life of the underlying asset so that PacifiCorp can assess potential accounting implications. Potential accounting treatment impacts will be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a Long Term PPA offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility.

Each bidder must also agree to make available in the bid evaluation process any and all financial data associated with the bidder PPA that PacifiCorp requires to determine potential accounting impacts. Such information may include, but is not limited to, data supporting the economic life (both initial and remaining), the fair market value, executory costs, nonexecutory costs, and investment tax credits or other costs (including debt specific to the asset being proposed) associated with the bidder's proposal. Financial data contained in the bidder's financial statements (e.g., income statements, balance sheets, etc.) may also be required to be supplemented.

#### **G. COST ASSOCIATED WITH DIRECT OR INFERRED DEBT**

PacifiCorp will not take into account potential costs to PacifiCorp associated with direct or inferred debt (described below) as part of its economic analysis in the shortlist evaluation. However, after completing the shortlist and before the final resource selections are made, PacifiCorp may take direct or inferred debt into consideration. In so doing, PacifiCorp may obtain a written advisory opinion from a rating agency to substantiate PacifiCorp's analysis and final decision regarding direct or inferred debt.

Direct debt results when a contract is deemed to be a capital lease pursuant to ASC 840 and the lower of the present value of the nonexecutory minimum lease payments or 100% of the fair market value of the asset must be added to PacifiCorp's balance sheet.

Inferred debt results when credit rating agencies infer an amount of debt associated with a power supply contract and, as a result, take the added debt into account when reviewing PacifiCorp's credit standing.

## **SECTION 6. BID EVALUATION AND SELECTION**

### **A. OVERVIEW OF THE EVALUATION PROCESS**

PacifiCorp's bid evaluation and selection process is designed to identify the combination and amount of new solar PV projects bid into the 2017S RFP that will maximize customer benefits. The method used to evaluate and select bids is consistent with the methods that were used to evaluate new solar PV resources in PacifiCorp's 2017 IRP. PacifiCorp will not make any of the evaluation models available to bidders. The IE will have full access to the inputs in all models used during the evaluation process.

The bid evaluation process will occur in two phases. In the first phase, PacifiCorp will establish an initial shortlist based on both price and non-price factors. During this phase of the bid evaluation process, PacifiCorp will not ask for, or accept, updated pricing. PacifiCorp will rely on the pricing and transaction structure as submitted into the 2017S RFP for each bid. However, PacifiCorp will contact bidders to confirm and clarify

information presented in each proposal. Bids selected to the initial shortlist will be given an opportunity to provide best and final pricing, subject to certain limits as described later in this section.

In the second phase, initial shortlist bids, with updated pricing, will be analyzed with the same production cost models that were used to develop PacifiCorp's 2017 IRP. These production cost models will be used to perform a net customer benefit analysis by simulating PacifiCorp's system costs with and without initial shortlist bids. PacifiCorp's production cost modeling will be used to calculate the expected net present value revenue requirement impacts of proposed solar projects, accounting for risk. The customer cost and risk analysis, along with any other factors not expressly included in the formal evaluation process, but required by applicable law or commission order, will be used by PacifiCorp, in consultation with the IE, to establish the final shortlist.

After the final shortlist is established PacifiCorp will initiate negotiations with bidders that submitted proposals for projects selected to the final shortlist. Selection of a bid to the final shortlist does not constitute a winning bid. Only execution of a definitive agreement between PacifiCorp and the bidder, on terms acceptable to PacifiCorp, in its sole and absolute discretion, will constitute a winning bid proposal. Any definitive PPA will be in the form of the PPA provided in **Appendices E-2**. If the bidder alters the PPA, or does not use it as the underlying agreement, bid evaluation and selection can be affected. PacifiCorp welcomes bidders, at their own discretion, to provide written comments on the PPA provided in **Appendices E-2** as part of their bid. PacifiCorp has no legal obligation to enter into any agreement of any kind with any bidder.

## **B. PHASE 1 – INITIAL SHORTLIST**

### **1. Price Evaluation (up to 80%)**

PacifiCorp will use proprietary models to perform financial analysis and rank bids. PacifiCorp will use a proprietary spreadsheet model to calculate the delivered revenue requirement cost of each bid, inclusive of any applicable carrying cost and net of tax credit benefits, as applicable. The delivered revenue requirement cost will be netted against energy, capacity, and terminal value benefits, as applicable, to calculate the net cost of each bid.

In developing revenue requirement costs, PacifiCorp will use cost data for each bid. Any internal assumptions for key financial inputs (i.e., inflation, discount rates, marginal tax rates, asset lives, AFUDC rates, etc.) and PacifiCorp carrying costs (i.e., integration costs, owner's costs, etc.) will be applied consistently to all bids, as applicable. The cost for any transmission network upgrades required to interconnect a proposed project to PacifiCorp's transmission system will be included in the initial shortlist price evaluation. The cost for any third-party wheeling expenses required to deliver output to PacifiCorp's system will be the responsibility of the bidder and should be included in the cost proposal. All internal assumptions needed to calculate revenue requirement costs will be provided to the IE and locked down before bids are received and opened.

PacifiCorp will also apply consistent assumptions associated with bid benefits (i.e., energy, capacity, terminal value, etc.), as applicable. Energy and capacity value will be based on

two production cost model runs for prospective bids delivering output to varying locations on PacifiCorp’s system. For each location (Wyoming, Utah, Idaho, Washington, and Oregon), one simulation will include proxy solar resources at a zero cost and one simulation will exclude proxy solar resources. The differential in system fixed and variable costs between the two production cost model simulations will serve as the basis for expected energy and capacity benefits associated with new solar PV facilities at varying locations. All energy, capacity, and terminal value assumptions will be provided to the IE and locked down before bids are opened.

The net cost calculation will be used to assign a price score to each bid. This will be achieved by calculating the nominal levelized (discounted) revenue requirement cost and the nominal levelized (discounted) benefit for each bid, where revenue requirement costs are reported as a negative value and customer benefits are reported as a positive value.

**2. Non-Price Evaluation (Up To 20%)**

The non-price analysis will gauge the relative development, construction and operational characteristics and associated risks of each bid. A matrix will be used for each non-price factor. For each non-price factor, proposals will be assigned one of three discrete scores: (1) 100% of the percentage weight; (2) 50% of the percentage weight; or (3) 0% of the percentage weight. Market bids will be evaluated based on their ability to demonstrate the proposal is thorough, comprehensive and provides limited risk to the buyer prior to PacifiCorp performing due diligence on any given bid. Bidders that have a demonstrated track record and bids for mature proposals will receive higher scores. The following table summarizes the basis for weighting each non-price factor.

**NON-PRICE FACTOR WEIGHTING**

<b>Non-Price Factor</b>	<b>Non-Price Factor Weighting</b>
1. Conformity to RFP Requirements: <ul style="list-style-type: none"> <li>• Bids provided all required RFP information pursuant to RFP instructions and schedule, including the accuracy of such information.</li> <li>• Bids provided complete and accurate required RFP information of but not limited to documentation of site control and permitting process, environmental compliance plan, and interconnection or transmission arrangements.</li> <li>• Bids in compliance with technical specifications as outlined in <b>Appendix A</b> (applicable primarily to PPA bids with a purchase option)</li> <li>• Bidder’s development and construction experience related to equivalent scale solar PV projects.</li> </ul>	6%

Non-Price Factor	Non-Price Factor Weighting
2. Project Deliverability: <ul style="list-style-type: none"> <li>• Bids demonstrated the commercial operation date would be achieved by December 31, 2020.</li> <li>• Bids provided sufficient detail, including schedule(s) and documentation, to demonstrate the ability of meeting all of the project’s environmental compliance, permits, and equipment procurement.</li> <li>• Bids demonstrate and provide sufficient detail regarding access to generation equipment.</li> </ul>	6%
3. Transmission Progression: <ul style="list-style-type: none"> <li>• Bids provided sufficient detail, including schedule(s) and documentation for completing project interconnection and securing any required third party transmission service to support December 31, 2020 commercial operation date.</li> </ul>	8%

### 3. Initial Shortlist Selection

PacifiCorp will seek to establish an initial shortlist that includes up to approximately 2,000 MW of aggregate solar capacity. However, PacifiCorp, in consultation with the IE, may establish an initial shortlist containing less or more aggregate capacity depending upon the relative total bid score among the bids. PacifiCorp, in consultation with the IE, may select the base proposal and one or more bid alternatives proposed with any bid, as applicable, to the initial shortlist.

PacifiCorp will use the combined price and non-price results to rank bids. Based on these rankings, PacifiCorp will select an initial shortlist based on total bid score (maximum at 100%, with a maximum of 80% for price and a maximum of 20% for non-price factors).

The calculated nominal levelized \$/MWh net benefit for each bid will be force ranked, with a maximum of 80 points to the evaluated bid with the highest calculated net benefit, a minimum of zero (0) points to the evaluated bid with the lowest calculated net benefit; and the remaining bids scored on the 0 to 80 point scale according to the relationship of their respective calculated net benefits to those of the highest and lowest bids. PacifiCorp will also rank the bids per the ranking methodology used in PacifiCorp’s previous RFPs<sup>8</sup> for purposes of comparison as part of the initial shortlist evaluation. If the two methodologies result in different initial shortlists, PacifiCorp will include in its initial shortlist all bids supported by both methodologies.

The non-price score will not be force ranked. Each bid will have its forced rank price score added to the non-price score. The bidders with the highest total score (price and non-price),

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<sup>8</sup> PacifiCorp has historically used a ranking methodology based on the ratio of bid benefits to costs with established bookends for the ratios. For example, PacifiCorp used a lower bookend of 60 percent and an upper bookend of 140 percent in its 2012 All-Source RFP. The bookends can be adjusted to balance between price and non-price scores.



and representing up to approximately 2,000 MW of aggregate capacity at any given location, will be considered for the initial shortlist.

PacifiCorp will engage an independent third-party expert to evaluate proposed solar generation data for each bid selected to the initial shortlist. In consultation with the IE, PacifiCorp may use information provided by the independent third-party expert to adjust proposed solar generation data and projected capacity factors during the final shortlist selection process.

PacifiCorp will assess initial short listed PPA bids for the appropriate accounting and tax treatment. PPA bids will be evaluated for: (i) whether a contract must be accounted for by PacifiCorp as a capital lease or operating lease in accordance with ASC 840 for book purposes, (ii) whether a contract must be accounted for by PacifiCorp as a capital lease for tax purposes, or (iii) whether the seller or assets owned by the seller, as a result of an applicable contract, be consolidated as a variable interest entity (VIE) onto PacifiCorp's balance sheet. For Long Term PPA offers that would result in a PPA term over 20 years, bidders should carefully consider the potential book and tax lease accounting treatment or (VIE) treatment implications. For these Long Term PPA offers that are selected to the initial shortlist, bidders will be required to supply, with their bid, projected cash flows through the life of the underlying asset so that PacifiCorp can assess potential accounting implications. Potential accounting treatment impacts will be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a Long Term PPA offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility. Please also refer to Section 5.F of this RFP.

#### **4. Best and Final Pricing**

Bids notified of their selection to the initial shortlist will be given an opportunity to provide best and final pricing. Best and final pricing must be provided for the same site using the same or similar project equipment as original proposed. Best and final pricing, shall not exceed 10% of the original total bid cost, which PacifiCorp will assess on a nominal levelized present value revenue requirement basis. In the event that best and final pricing increases the total bid cost by more than 10%, PacifiCorp reserves the right to either (a) reject the best and final proposal or, (b) replace the short-listed bid or bid alternative with a final proposal solicited from another bid not originally selected to the initial shortlist. Accordingly, PacifiCorp may request that certain indicative bids, not initially selected to the initial shortlist, remain open after the initial shortlist is established and that those bidders be prepared to provide best and final pricing on an expedited basis.

### **C. PHASE 2 – FINAL SHORTLIST**

#### **1. Processing of Best and Final Bids**

After confirming that best and final pricing meets the requirements of the 2017S RFP, as outlined above, PacifiCorp will use the same proprietary models used for the initial shortlist price evaluation, with bids updated for best and final pricing and projected performance, to process bid costs for input into IRP production cost models. In processing bid costs, PacifiCorp will convert any calculated revenue requirement associated with capital costs

(i.e., return on investment, return of investment, and taxes, net of tax credits, as applicable) to first-year-real-levelized costs, consistent with the treatment of capital revenue requirement in PacifiCorp’s IRP modeling. All other bid costs will be summarized in nominal dollars and formatted for input into the IRP models, consistent with the treatment of non-capital revenue requirement in PacifiCorp’s IRP modeling. Projected solar resource performance data (expected hourly capacity factor information) will also be processed for input into the IRP models.

## **2. Bid Resource Portfolio Development**

PacifiCorp will use the System Optimizer (SO) model—the same model used by PacifiCorp to develop resource portfolios in the 2017 IRP—to develop a resource portfolio containing 2017S RFP bids and will be used to select the combination of solar PV projects from the initial shortlist. The model will be able to select new solar capacity at any level that reduces system costs, thereby demonstrating net benefits for customers. Bids will be available for selection to the resource portfolio for a range of different environmental policy and market price scenarios (policy-price scenarios).<sup>9</sup>

For each policy-price scenario, PacifiCorp will calculate the present value revenue requirement differential (PVRR(d)) between the portfolio containing 2017S RFP solar PV resources, including the all relevant transmission interconnection costs, and the portfolio without 2017S RFP solar resources.

## **3. Stochastic Risk Analysis**

PacifiCorp will also evaluate each of the resource portfolios developed with the SO model using Planning and Risk (PaR)—the same model used in PacifiCorp’s 2017 IRP to analyze stochastic resource portfolio risk. PaR captures stochastic risk in its production cost estimates, without altering the resource portfolio, by using Monte Carlo sampling of stochastic variables, which include: load, wholesale electricity and natural gas prices, hydro generation, and thermal unit outages. For purposes of the 2017S RFP, PaR will be used to calculate the stochastic mean PVRR(d) and the risk-adjusted PVRR(d) for each policy-price scenario.<sup>10</sup>

## **4. Identifying Top-Performing 2017S RFP Solar Resource Portfolios**

PacifiCorp will summarize and evaluate the 2017S RFP solar resource portfolios to identify the specific bid resources that are most consistently selected among the policy-price scenarios and that deliver economic benefits for customers. Based on these data, and in

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<sup>9</sup> Policy-price scenarios will be conceptually consistent with those used in the 2017 IRP (i.e., alternative environmental policy assumptions among low, medium, and high price scenarios), but updated to reflect PacifiCorp’s assessment of the most current information. Policy-price scenario assumptions will be established and reviewed with the IE before updated bids with best and final pricing are received and opened.

<sup>10</sup> The stochastic mean metric is the average of system net variable operating costs among 50 iterations, combined with the real-levelized capital costs and fixed costs taken from the SO model. The risk-adjusted metric adds 5% of system variable costs from the 95<sup>th</sup> percentile to the stochastic mean. The risk-adjusted metric incorporates the expected value of low-probability, high-cost outcomes.

consultation with the IE, PacifiCorp may select one or more 2017S RFP solar resource portfolios for further scenario risk analysis.

## **5. Scenario Risk Analysis**

This step of the evaluation process will help identify whether top-performing portfolios exhibit especially poor performance under a range of future policy-price scenarios. PacifiCorp will develop new system resource portfolios around the top-performing 2017S RFP resource portfolios and calculate a system PVRR(d) for each policy-price scenario. Similarly, the portfolios developed in the SO model will be evaluated in PaR, and PacifiCorp will calculate a stochastic mean PVRR(d) and a risk-adjusted PVRR(d) for each policy price-scenario.

## **6. Other Factors: Applicable Law and Statutory Requirements**

The bid methodology has been designed to capture applicable law and statutory requirements. Before establishing a final shortlist, PacifiCorp may take into consideration, in consultation with the IE, other factors that are not expressly or adequately factored into the evaluation process outlined above, particularly any factor required by applicable law or Commission order to be considered.

The Utah Energy Resource Procurement Act requires consideration of at least the following factors in determining whether a resource selected by PacifiCorp should be approved as in the public interest:

- Whether it will most likely result in the acquisition, production, and delivery of electricity at the lowest reasonable cost to the retail customers of an affected electrical utility located in this state;
- Long-term and short-term impacts;
- Risk;
- Reliability;
- Financial impacts on the affected electrical utility; and
- Other factors determined to be relevant.

## **7. Final Shortlist Selection**

PacifiCorp will summarize and evaluate the results of its scenario risk analysis, considering PVRR(d) results and annual customer impacts, to identify the specific market bid resources that maximize customer benefits. Based on these data and certain other factors as described above, and in consultation with the IE, PacifiCorp may establish a final shortlist. Once the final shortlist is established and bidders notified, PacifiCorp will initiate negotiations with final-shortlist bidders.

## SECTION 7. AWARDING OF CONTRACTS

### A. INVITATION

This RFP contains only an invitation to make proposals to PacifiCorp. No proposal is itself a binding contract unless the parties execute definitive and complete documentation providing otherwise.

PacifiCorp may in its sole discretion do any one or more of the following:

1. Determine which proposals are eligible for consideration in response to this RFP.
2. Issue additional subsequent solicitations for information, and conduct investigations with respect to the qualifications of each bidder.
3. Supplement, amend, or otherwise modify this RFP, or cancel this RFP with or without the substitution of another RFP.
4. Negotiate with bidders to amend any proposal.
5. Select and enter into agreements with the bidders who, in PacifiCorp's sole judgment, are most responsive to the RFP and whose proposals best satisfy the interests of PacifiCorp and its customers, and not necessarily on the basis of price alone or any other single factor.
6. Issue additional subsequent solicitations for proposals.
7. Waive any irregularity or informality on any proposal to the extent not prohibited by law.
8. Reject any or all proposals in whole or in part.
9. Vary any timetable.
10. Conduct any briefing session or further RFP process on any terms and conditions.
11. Withdraw any invitation to submit a response.

#### **Basis for Rejection**

Proposals may be rejected for any reason including but not limited to not meeting the minimum eligibility requirements identified in Section 3.H of this RFP.

### B. CONFIDENTIALITY AGREEMENT

In addition to the confidentiality provisions set forth herein, bidders should note that all parties will be required to sign **Appendix G - Confidentiality Agreement** with PacifiCorp if they qualify for the initial shortlist.

### C. NON-RELIANCE LETTER

All parties will be required to sign **Appendix G - Non-Reliance Letter** if they qualify for the final shortlist prior to entering into negotiations with PacifiCorp.

### D. POST-BID NEGOTIATION

PacifiCorp will further negotiate both price and non-price factors during post-bid negotiations. PacifiCorp will also include in its evaluation any factor that may impact the

total cost of a resource, including but not limited to all of the factors used in the final shortlist cost analysis plus consideration of accounting treatment and potential effects due to rating agency treatment, if applicable. Post-bid negotiation will be based on PacifiCorp's cost assessment. PacifiCorp will continually update its economic and risk evaluations until both parties execute a definitive agreement acceptable to PacifiCorp in its sole and absolute discretion.

PacifiCorp shall have no obligation to enter into any agreement with any bidder to this RFP and PacifiCorp may terminate or modify this RFP at any time without liability or obligation to any bidder. In addition, this RFP shall not be construed as preventing PacifiCorp from entering into any agreement that PacifiCorp deems prudent, in PacifiCorp's sole discretion, at any time before, during, or after this RFP process is complete. Finally, PacifiCorp reserves the right to negotiate only with those entities who propose transactions that PacifiCorp believes in its sole discretion to have a reasonable likelihood of being executed.

#### **E. SUBSEQUENT REGULATORY ACTION**

Unless mutually agreed between the parties or unless required by actual (or proposed) law or regulatory order, at the time of contract execution, PacifiCorp does not intend to include a contractual clause whereby PacifiCorp is allowed to adjust contract prices in the event that an entity who has regulatory jurisdiction over PacifiCorp does not fully recognize the contract prices in determining PacifiCorp's revenue requirement. As of the issuance date for this solicitation, PacifiCorp is unaware of any such actual law or regulatory order.