

April 11, 2022

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
Salem, OR 97301-3398

RE: Docket UM 2193—PacifiCorp’s Comments

I. INTRODUCTION

PacifiCorp d/b/a Pacific Power (PacifiCorp or Company) submits these comments in response to the Report of the Public Utility Commission of Oregon (Commission) Staff (Staff) that was filed on April 5, 2022 (Staff Report) regarding the Company’s application for approval of its 2022 All-Source Request for Proposals (2022AS RFP). In its Report, Staff “finds that PacifiCorp’s Draft 2022AS RFP, with the conditions recommended herein by Staff, complies with the Commission’s competitive bidding rules (CBR) in OAR Chapter 860, Division 89 that are applicable to this RFP, except as otherwise waived by the Commission.”¹ PacifiCorp appreciates the prompt and thorough review of the 2022AS RFP by Staff and PA Consulting (Oregon’s Independent Evaluator or IE), which filed its assessment of the Company’s final draft 2022AS RFP on March 11, 2022 (Oregon IE Assessment). The Company is offering these comments to the Staff Report as set forth below. PacifiCorp does not object to RFP Conditions 2 and 6 and General Recommendations 2, 3, and 12.² With respect to the remaining RFP Conditions and General Recommendations, the Company offers these comments either opposing or requesting clarification of an RFP Condition or General Recommendation. The 2022AS RFP, as modified in the Company’s Reply Comments (March 4 Reply Comments) and herein, satisfies the competitive bidding rules and should be approved.

II. COMMENTS

A. Conditions and Recommendations to which PacifiCorp Opposes

1. Condition 1 and General Recommendation 1: PacifiCorp’s March 4 Proposal is Compliant with the Oregon CBRs without Either Condition 1 or General Recommendation 1

Staff recommends PacifiCorp remove numbered item three (3) in Appendix M or modify it to be compliant with Oregon CBRs.³ PacifiCorp will remove item three (3) in Appendix M, but disagrees with Staff’s position that the Draft 2022AS RFP is not compliant with Oregon CBRs,

¹ Staff Report at 6.

² In agreeing to General Recommendation 12, PacifiCorp observes that by providing all workpapers two weeks before filing, the Company loses two weeks of critical work time. Therefore, the Company may add two additional weeks between bid receipt and filing of the final shortlist.

³ Staff Report at 1.

specifically Oregon Administrative Rule (OAR) 860-089-0400 and OAR 860-089-0450.⁴ These CBRs provide in part that the electric company will provide the IE and Commission with full access to its production cost and risk models and sensitivity analyses;⁵ the IE will independently score the affiliate bids and bids with ownership characteristics or options, if any, and all or a sample of the remaining bids;⁶ the IE will review the reasonableness of any score submitted by the electric company for a benchmark resource, compare results and attempt to reconcile and resolve any scoring differences;⁷ the IE will review the electric company's sensitivity analysis of the bid rankings;⁸ and the IE will be able to evaluate the applicable competitive bidding processes in selecting the least-cost, least-risk acquisition of resources and include additional analysis if requested by the Commission.⁹

Regarding the PLEXOS modeling software, the Company does not own the modeling software, and it is proprietary to Energy Exemplar. The Company acknowledges the importance of the IE having sufficient access to the modeling efforts by the Company to retain appropriate oversight, but the Company licenses are limited to certain named users, and it cannot allow the IE to independently run PLEXOS under its existing license. The modeling software used in the Company's prior RFP was also proprietary and posed similar restrictions, so this circumstance is not new; IE access was considered compliant with CBRs without the additional condition of licensed individual use.

PacifiCorp maintains that consistent with the requirements of the CBRs, full access will be provided without the IE having to independently run the proprietary model or shadow PacifiCorp's modeling team through the entire process. PacifiCorp believes the IE will have sufficient access if it understands how the model is set up, how the results are processed and analyzed, and has access to all of the inputs and outputs. Such insight and access will be made available to the IE and can be provided remotely or at PacifiCorp's offices at the IE's discretion without the additional burden of having to shadow data entry and processing steps.

To expand upon what PacifiCorp discussed in its March 4 Reply Comments, the IE will receive full access to the modeling software in the following ways described below which the Company believes will allow the IE to perform its duties consistent with Commission's rules:

1. PacifiCorp will conduct a modeling walk through with the IE, done in person or virtually via screensharing, to address any topics or questions raised by the IEs. The IE may validate the modeling inputs and assess where information is input and located within PLEXOS;

⁴ *Id.* at 10.

⁵ OAR 860-089-0400(6).

⁶ OAR 860-089-0450(5).

⁷ OAR 860-089-0450(7).

⁸ OAR 860-089-0450(8).

⁹ OAR 860-089-0450(9).

2. The IE may request queries of PacifiCorp's PLEXOS database, including modeling and inputs, and pursue any investigations or questions about the portfolio optimization model and assumptions;
3. The IE will be able to review all PLEXOS outputs, including net system benefits, generation levels, and locational marginal prices for every bid on an hourly basis; and
4. The IE may propose alternative PLEXOS runs with alternative inputs to assess the potential relative impact to price scoring should it deem it necessary.

The Company is concerned that Staff's focus on having the IE run PLEXOS and attempt to duplicate model runs will sacrifice resources better served by having the IE review and test assumptions and sensitivities. PacifiCorp has worked with PA Consulting previously and believes both the IE, the Company, and Staff will benefit if resources are focused on assisting the IE vet portfolio optimization assumptions and results, which is likely to provide greater value than having the IE run PLEXOS independently. As part of this assistance, PacifiCorp can prepare studies incorporating modeling changes at the direction of the IE to address any areas of concern, and any inputs and outputs from such studies would be available to the IE.

Finally, inasmuch as Staff's RFP Condition 1 and General Recommendation 1 are concerned with the role of PLEXOS in the benchmark price scoring process, PacifiCorp is adding a new Appendix R – Bid Scoring and Modeling to the RFP to specifically address how price scores will be determined and calculated. In response to stakeholder questions, PacifiCorp drafted Appendix R to provide more information about how micro-resources will be used to determine price scores and also to include examples of how the calculations will be performed. Additionally, PacifiCorp has added an additional month between when benchmark bids are due and when market bids are due to ensure sufficient time for the IE and Company to appropriately model, analyze and file benchmark scores.

2. Condition 3: Conditional Firm Transmission Rights Should Not be Allowed

As discussed in PacifiCorp's March 4 Reply Comments, as the clean energy goals on the west side of PacifiCorp's system increase, reliance on intermittent renewable energy will become more and more important. Conditional firm interconnection reflects off-system resources with point-to-point interconnection requests where the transmission service is fundamentally interruptible service. While such renewable resources may offer incremental opportunities for PacifiCorp to consider and acquire renewable energy, these resources do little in the way of system reliability.

PacifiCorp prefers not to allow such resources for the simple reason that over a 20- to 30-year power purchase agreement, curtailments of these non-firm supplies will likely be highly correlated with PacifiCorp's system peak requirements resulting in lower reliability benefits than comparable resources with firm transmission. The intent of PacifiCorp's 2022AS RFP is to identify, consistent with the 2021 Integrated Resource Plan (IRP), the least-cost, least-risk portfolio of resources that will maintain system reliability for all customers. Because conditional firm transmission will result in added risks and uncertainty that are difficult to quantify and

manage, PacifiCorp did not allow for such resources in its proposed 2022AS RFP, which was approved in Washington, and is under final consideration in Utah. That being said, if the Commission decides to condition the 2022AS RFP upon granting such transmission service for the purpose of considering more off-system resources and having a more robust RFP response, then PacifiCorp requests that the Commission adopt the following revision to the condition.

Consistent with all off-system bids, a bidder must name the point of delivery to PacifiCorp's system and provide evidence that ample transmission service is available at the point of delivery by the proposed commercial operations date (COD). The bidder must provide the specific conditional firm service and the stipulated number of hours and conditions upon which curtailment is allowed. PacifiCorp will value the resource in PLEXOS under the assumption that such a resource is not available during the hours and conditions under which the resource is curtailable and will adjust the resource's capacity contribution factor down accordingly. Given the difficulty in quantifying the risks associated with conditional firm service, including project-specific details, additional scrutiny may be necessary to assess whether such bids should be included in the FSL or otherwise considered for Oregon customers.

Second, PacifiCorp may allocate the costs and benefits of requests that such resources, if selected to the final shortlist, have their costs and benefits allocated exclusively to Oregon customers. The intent of PacifiCorp's 2022AS RFP is to identify, consistent with the 2021 IRP, the least-cost, least-risk portfolio of resources that will maintain system reliability for all customers. Because conditional firm transmission will result in added risks and uncertainty that are difficult to quantify and manage, PacifiCorp did not allow for such resources in its proposed 2022AS RFP, which was approved in Washington, and is under final consideration in Utah. That said, PacifiCorp recognizes that this Commission could find that Oregon's state policy objectives, particularly the interest in greater renewable resource supply and reduced emissions, may outweigh some of that risk and warrant allowing broader participation in the RFP.

3. Condition 4: Bidders Should Not be Permitted One Free Alternative Bid

As discussed in PacifiCorp's March 4 Reply Comments, based on the number and amount of bid fees submitted in the 2020AS RFP, PacifiCorp does not view bid fees as a deterrent to receiving a competitive RFP response. Furthermore, following its experience in the 2020AS RFP in which significant time was spent working with bidders to clarify their base bids, alternatives and bid fees, PacifiCorp decided that the Company's prior bid fee methodologies required simplification, from both a bidder and IE scope of work perspective, with a goal toward eliminating the misunderstandings and confusion encountered in the 2020AS RFP process. To evaluate, collate and analyze multiple bids takes time and resources. PacifiCorp now has three independent evaluators (Oregon, Utah, and Washington) and additional material costs associated with resource evaluation requirements for third party experts and legal fees associated with negotiating different resource types and is concerned that bid fees may not cover the associated costs of oversight.

If the Commission adopts RFP Condition 4 to require one additional free bid alternative (in addition to the one allowed for different diversity strategies), PacifiCorp requests that the free

alternative be limited to different CODs. More material changes, such as a bid capacity or technology change should not be allowed without the requisite bid fee required to cover the additional due diligence costs. Less material, marginal changes, such as price structure (fixed versus escalating) and different terms should not be allowed because PacifiCorp's customers do not benefit from the marginal value associated with changes, and such bid alternatives only serve to add confusion and unnecessary complexity to the bid evaluation process. Bidders are in the best position to determine their preferred and most competitive contract term, and whether a bid is fixed price or escalating is really a question of the different discount rates between the bidder and the utility, but on balance does not swing the valuation materially on a levelized basis. PacifiCorp will use the same discount rate for its 2022AS RFP analysis and its 2023 IRP, so bidders will be able to identify the pricing structure with the lowest levelized cost. Each bid iteration evaluated by PacifiCorp and the IEs requires the same effort and diligence because each iteration is treated as a unique individual bid. PacifiCorp encourages bidders to offer what they believe is their most competitive bid, or else pay for multiple bids.

PacifiCorp is concerned the bid fees may not cover the cost of three independent evaluators representing three states (Oregon, Utah, and Washington) and other third-party technical consultants and legal representation. Therefore, the Company increased and revised its bid fee structure to provide reasonable assurance that these expected costs would be covered in conjunction with the 2022AS RFP process. In the event the Commission adopts RFP Condition 4, PacifiCorp requests the ability to defer any additional Oregon IE expenses which exceed the bid fees received by eligible bidders.

4. General Recommendation 9: PacifiCorp Should Not Implement Quarterly Reporting of Workers from Temporary Staffing Agencies Employed by Bidders or Sub-Contractors During the Construction Phase of Winning Bids

Consistent with Washington's Order approving the 2022AS RFP,¹⁰ PacifiCorp can agree to the first part of Staff's General Recommendation 9 to require "quarterly reporting post-RFP on the number of local and state workers" employed "during construction phase." These reports will be available to the Commission on request.

PacifiCorp disagrees with the recommendation to require quarterly reporting of "Workers from Temporary Staffing Agencies Employed by Bidders or Sub-Contractors" for several reasons. First, the Company is not aware that House Bill 2021 (HB2021) requires this information. Second, PacifiCorp's RFP team does not have the ability or expertise to monitor or act as an enforcement agent for contracted resources which are not utility-owned. Third, bidders may consider their hiring strategies to be confidential, and therefore this requirement may dampen the competitiveness of the solicitation. Finally, PacifiCorp maintains that different resource types have different labor and cost considerations, and additional reporting requirements may not be appropriate for some bidders, especially those proposing small-scale and distributed renewable resources.

¹⁰ *In the Matter of the Petition of PacifiCorp d/b/a Pacific Power & Light Company, For an Order Approving Proposed Request for Proposals*, WA Docket No. UE-210979, Order 02 (Mar. 11, 2022); Errata issued Mar. 28, 2022.

B. Conditions and Recommendations to which PacifiCorp Has Comments or Requests Clarification

1. Condition 5: Requirement to Allow Bids with CODs Through December 31, 2027

Consistent with Washington’s Order approving the 2022AS RFP,¹¹ PacifiCorp agrees to allow resources with online dates through December 31, 2027; however, the Company maintains that it has a preference for bids with earlier 2026 CODs for a number of reasons. First, the 2022AS RFP results from the resource need identified in the 2021 IRP process and is focused on the capacity need in the short-term through 2026. Second, the farther out in time a bidder prices its bid, the more risk is associated with inflation and cost curve assumptions. It is the Company’s understanding that equipment suppliers are unable to provide firm pricing more than three years in advance due to fluctuations in raw material prices, commodity markets and inflation. If PacifiCorp contracts now for resources in 2027 and costs/inflation are lower than current expectations, customers may miss out on lower costs and subsequently lower prices. If PacifiCorp contracts now for 2027 resources, and those resources fail to be delivered, customers may be at risk if the resource is not able to meet its commitments. Third, nearer term bidders are likely to have more mature bids with higher likelihood of viability and deliverability. Finally, based on the publicly available information on PacifiCorp’s Open Access Same-Time Information System (OASIS), PacifiCorp expects there to be a robust number of competitive bids which offer resources with 2026 online dates.

While PacifiCorp agrees to Staff’s recommendation to extend the required COD to December 31, 2027, it is incorporating the following changes to the RFP draft. The Company proposes to add a non-price score to incentivize bids with a 2026 COD. To reflect the increased risk associated with bidders who have offered bid prices based on forward-looking assumptions,¹² which may or may not be viable, the Company will require additional project development security for bids with CODs in 2027 and also for long-lead time resources offering 2028 CODs.

2. Condition 7: PacifiCorp Previous Commitments

Staff recommends that in addition to any modifications made to the RFP as a result of its Staff Report, “PacifiCorp must reflect the commitments it made in response to stakeholder feedback on the Draft RFP.”¹³ The Company understands Condition 7 to mean that stakeholder proposals that the Company has agreed to in previous comments be included in the final 2022AS RFP. If this is the intent of Condition 7, the Company has satisfied it by using the Draft RFP submitted with its March 4 Reply Comments as the starting point in making changes reflected herein and is attached to these comments.

¹¹ *In the Matter of the Petition of PacifiCorp d/b/a Pacific Power & Light Company, For an Order Approving Proposed Request for Proposals*, WA Docket No. UE-210979, Order 02 (Mar. 11, 2022); Errata issued Mar. 28, 2022.

¹² For example, cost reductions due to equipment efficiency improvements and inflation assumptions.

¹³ Staff Report at 2.

3. General Recommendation 4, Summary of Prohibited Resources Due to Failure to Comply with State Mandates; General Recommendation 7, Summary Regarding Compliance with Various State Mandates and Laws; and General Recommendation 8, Reporting of Bids Which Complete Equity Questionnaire and Agree to HB2021 Attestation or Project Labor Agreement (PLA)

General Recommendations 4, 7, and 8¹⁴ appear to overlap and focus on state-specific requirements. PacifiCorp is only aware of the following “mandates”:

1. Oregon HB2021’s requirement that Oregon resources provide an attestation or PLA,¹⁵
2. Washington’s requirement that Washington resources complete the Appendix P; Equity Questionnaire¹⁶;
3. Washington’s requirement that resources agree to report on diversity¹⁷; and
4. Washington’s requirement that resources report on local/state hiring and safety incidents.¹⁸

In General Recommendations 4, 7 and 8, Staff recommends that PacifiCorp:

1. Provide a summary of what projects were ultimately prohibited from selection due to failure to comply with various state mandates;
2. Provide a project summary regarding compliance with various state mandates and laws; and
3. Report the bids and then selected resources in the final shortlist (FSL) that complete (a) a survey comparable to the Washington Equity Survey and (b) that have proforma contract terms with Responsible Contractor Labor Standards and apprenticeship and workforce requirements comparable to those required by Oregon’s HB2021.¹⁹

In as much as PacifiCorp can agree to reasonable and relevant reporting, the Company is concerned about accepting what seems to be multiple, competing reporting obligations that may not fully be understood. As a matter of principle, PacifiCorp would like to note that the IEs will receive all bids, including Appendix P Equity Questionnaires and Appendix L Non-Price Scoring. As part of the existing RFP processes, consistent with what was done in 2020AS RFP,

¹⁴ Staff Report at 2-3.

¹⁵ HB 2021, Section 26(5)(a).

¹⁶ WA 480-107-025 (2).

¹⁷ WAC 480-107-075(3).

¹⁸ *In the Matter of the Petition of PacifiCorp d/b/a Pacific Power & Light Company, For an Order Approving Proposed Request for Proposals*, WA Docket No. UE-210979, Order 02 (Mar. 11, 2022); Errata issued Mar. 28, 2022.

¹⁹ Staff Report at 2-3.

PacifiCorp will discuss with the IEs before determining any bid is ineligible and it is PacifiCorp's understanding the IEs discuss the ineligible list of bidders as part of its IE report. Bidders who do not agree to comply with the state mandates listed above will be deemed ineligible, unless it is determined in collaboration with the IEs that the resource should be studied as a system resource so long as the resource is not acting outside of its legal obligations. All Washington and Oregon bidders which continue as eligible bidders should be deemed by the Commission and Commission staff to be compliant with the relevant state mandates. For this reason, additional reporting seems unnecessary, but PacifiCorp can comply inasmuch as Staff's requests are clarified, practical and not unreasonable.

4. General Recommendation 5: Forecasting Emissions

In General Recommendation 5, Staff requests that PacifiCorp "forecast the emissions impact of the final shortlist selection by 2030 using operating assumptions from the 2021 IRP."²⁰ The Company does not necessarily object to this recommendation but requests clarification. The PLEXOS model will operate the resources according to its optimization logic, as appropriate. There will be a new price curve, updated loads, plus any updates to the operating characteristics of the resources themselves, making the model different from what was modeled in the 2021 IRP. The Company therefore does not believe that operating assumptions or behaviors should be tied to the 2021 IRP.

5. General Recommendation 6: Appendix P and Labor Practice Attestation

PacifiCorp does not understand the recommendation to update Appendix P to request all projects complete the Oregon attestation on labor practices. PacifiCorp understands the HB2021 requirement to provide an attestation or PLA to the Oregon Department of Energy (DOE) to be an obligation of the bidder. In order to inform bidders of the Oregon legislation, PacifiCorp has included the following question in Appendix L – Non-Price Score:

Oregon-sited resources will agree to proforma contract term which requires bidder to provide attestation required in HB2021 or else provide Project Labor Agreement (PLA) to Department of Energy (DOE).

Oregon resources which do not agree to provide the attestation or PLA are deemed ineligible to bid. In this way, the Appendix L makes Oregon resources aware of the relatively new Oregon law.

By comparison to Appendix L, the Appendix P Equity Questionnaire is only informational. While it is requested of Oregon resources, it is not a minimum requirement. Appendix P questionnaire does not include any other "requests" of bidders, so such an update to Appendix P would be misplaced. If Staff is recommending the Appendix P be required as a minimum eligibility requirement outside of Washington, PacifiCorp disagrees, because it is not aware of any HB2021 or other state requirement to collect the information included in Appendix P, and it

²⁰ Staff Report at 2.

believes the points included in the Appendix L are sufficient incentive for most bidders to complete the questionnaire. If Staff is recommending that resources outside of Oregon be required to submit the attestation or PLA to Oregon DOE, then the Company disagrees, because as stated in its March 4 Reply Comments, Oregon HB2021's labor standards, including references to "Responsible Contract Labor Standards" apply exclusively to projects sited in Oregon. Other states may set their own labor requirements for projects sited in their territories.

PacifiCorp requests Staff clarify its recommendation that PacifiCorp update Appendix P Equity Questionnaire to request that all projects complete the Oregon attestation on labor practices. In summary, if Staff is requesting an informational question be added to Appendix P to collect information on whether Oregon resources anticipate they will file the attestation or the PLA, PacifiCorp can comply. If Staff is recommending the Company include this Oregon requirement as a proforma term in its contractual agreements with Oregon resources, then the Company confirms its intent to do so.

6. General Recommendation 10:

Staff recommends it will work with PacifiCorp to create a map of all publicly available OASIS and RFP data and information regarding Large Generator Interconnection Agreements (LGIAs) on the system.²¹ In the filed 2022AS RFP, PacifiCorp endeavored to provide Appendix H in response to Staff's request that the Company provide information on interconnection agreements and queue positions. The purpose of OASIS is to provide what information is publicly available. Until contracts are executed following an RFP and until commercial operations is reached by contracted resources, the status of associated interconnection agreements is both confidential between the parties and subject to development-risk change. It is clear that Staff has a vision of an easy-to-use tool which will educate potential bidders and enable better sited resources. PacifiCorp will support Staff where possible, but it appears unduly burdensome²² and it is unclear what more the Company can provide that Staff and developers do not already have via OASIS.

Finally, in response to Staff's comment "These projects with signed LGIAs can, in some instances, "crowd out" more competitive projects," PacifiCorp would like to clarify that a project is not competitive if it does not have one of the fundamental pillars of development—a completed interconnection study or agreement. The Company understands the Commission's concerns regarding the interconnection agreements currently contracted for on the system; however, those resources with LGIAs have legally binding rights, and therefore, a competitive advantage. Resources participating in the 2021 and 2022 clusters studies are likely to find themselves in the same competitive position in future RFPs at the perceived handicap of then-new market entrants and new developments.

²¹ Staff Report at 3.

²² Each LGIA and study would have to be analyzed. LGIAs are not publicly available on OASIS and may be outdated with respect to scheduled milestones and upgrade cost estimates. Publicly available studies only include county and state information. If there are references to the specific interconnection location, such as a transmission lines or substations, those points may be considered critical infrastructure and/or not easily mapped or even clear with respect to the point on the interconnection line.

In consideration of Staff's discussion of how a lower-priority project might be able to advance ahead of a project with an LGIA and Staff's desire to explore mechanisms for interconnection customers to share upgrade costs, PacifiCorp's Open Access Transmission Tariff contains provisions for self-directed developers to coordinate and pursue this independent of the RFP process. The Company will work with Staff upon request to schedule additional workshops but recommends this issue be addressed outside the RFP docket.

7. General Recommendation 11:

Staff recommends it will work with PacifiCorp to define the FSL sensitivities and additional data to be provided with the filing of the Final Shortlist and is looking to finalize such lists by November 14, 2022, to be brought to the Commission at a public meeting for approval.²³ PacifiCorp is open to working with Staff and the IE's to define the potential FSL sensitivities and associated assumptions as well as to identify the types of data to be reported in the modeling results. Addressing those elements that are reasonably well defined prior to bids being received will help limit the issues that need to be addressed later in the process. However, the intent of sensitivities is to identify whether the FSL would change in light of differences in assumptions and the pertinent assumptions of concern may not become apparent until after bids are received, due diligence conducted, and either non-price or price-scores determined. The purpose of the RFP is to evaluate the relative benefits of actual bids received and make a recommendation whether or not to move forward and contract with the resources at hand. To decide upon and stipulate sensitivities related to hypothetical, theoretical proxy resources and potential transmission upgrades before either the 2022 cluster studies are complete, or bids received seems to be a poor use of the Commission and stakeholder resources.

III. REVISIONS TO 2022AS RFP

PacifiCorp submits a revised copy of its 2022AS RFP incorporating changes to the RFP documents in response to comments from parties in docket UM 2193, Staff, and the Oregon IE. The revised version also incorporates agreed to changes in response to Order 02 of the Washington Utilities and Transportation Commission (WUTC) in docket UE-210979²⁴ and comments from parties in Utah Public Service Commission docket 21-035-52,²⁵ the Utah IE, the Utah Division of Public Utilities, and the Utah Office of Consumer Services. The revision is provided as a redline to the version filed with PacifiCorp's March 4 Reply Comments.

A summary of the changes resulting to the draft of the 2022AS RFP filed on March 4, 2022, as a result of stakeholder comments in Utah and a Commission Order in Washington is as follows:

²³ Id.

²⁴ *In the Matter of the Petition of PacifiCorp d/b/a Pacific Power & Light Company, For an Order Approving Proposed Request for Proposals*, WA Docket No. UE-210979, Order 02 (Mar. 11, 2022); Errata issued Mar. 28, 2022.

²⁵ *Application of Rocky Mountain Power for Approval of Solicitation Process for 2022 All Source Request for Proposals*, UT Docket No. 21-035-52

1. Various updates to the schedule in Section 3.A of the main RFP:
 - i. Updated Schedule in RFP main document, Section 3.A, to allow for more time for benchmark scoring and IE oversight by changing market bid deadline from January 16, 2023, to February 14, 2023;
 - ii. Added the First Bidder's Conference on May 5, 2022, to the Schedule;
 - iii. Changed the Notice of Intent Date to November 17, 2022, after the cluster study results have been posted to OASIS;
 - iv. In response to a recommendation by the Utah IE, addition of new interconnection and transmission workshop; and
 - v. In response to Utah stakeholder feedback, more detail on the benchmark evaluation steps in the schedule to clarify informational scoring.
2. Adds certain informational requests (diversity experience, local community engagement and support, staffing strategies), to Appendix B-2, Section 10 following stakeholder comments, specifically WUTC staff;
3. Clarified that Appendix B-2, Section 5 does not need to include proformas but should include project financing strategy, including tax credit strategy;
4. Clarification that pricing provided in Appendix C-2 should include the cost of all development and performance security, consistent with the pro forma agreements in Appendix D, E-2, E-3, and F-2;
5. Footnotes added to the main RFP to highlight updates which will be made to the pro forma contractual documents (Appendix E-2, E-3, and F-2) prior to RFP issuance:
 - i. Increase in development security for resources which propose to come online in 2026 and 2027;
 - ii. Update to curtailment language to address Utah stakeholder concerns to revise and clarify that PacifiCorp will compensate power purchase agreement counterparties for curtailment associated with PacifiCorp's market-driven scheduling and economic dispatch decisions. As part of those changes, PacifiCorp will remove the concept of "Excused Compensable Curtailment Energy," as was originally proposed in the pro forma contracts included in the draft 2022AS RFP;
 - iii. Addition of quarterly reporting requirements pursuant to WUTC order;
 - iv. Addition of cyber security requirements;
 - v. Other conforming changes consistent with 2020AS RFP negotiations; and
 - vi. Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA.

6. Updates to Appendix L Non-Price Scoring Matrix:
 - i. Reflect WUTC order that all resources are requested to complete tabs 1 and 2 of the Appendix P Equity Questionnaire;
 - ii. Added minimum criteria to submit Appendix S-1 Berkshire Hathaway Energy Cyber Security Attestation;
 - iii. Added point for bidder's agreement to quarterly reporting of local/state hiring and safety incident notices; and
 - iv. Added point for bidder's agreement to comply with Berkshire Hathaway Energy's cyber security requirements for prohibited vendors and enterprise security requirements.
7. Clarifies PacifiCorp will validate bidder's non-price scoring and asks bidders to represent in the officer's cover letter that non-price scores are true;
8. Updates to Appendix P Equity Questionnaire to comply with the WUTC order related to fossil fuel employee inputs and naming of Tab 2. Clarified Washington resources are required to complete Appendix P Equity Questionnaire and all bidders are requested to complete first two tabs of the equity questionnaire;
9. Clarification of long-lead time bid criteria with instructions for bidders for how to settle ambiguity;
10. Clarification of benchmark bid submittal requirements, Appendix O list of potential benchmark resources, augmentation and other assumptions;
11. Clarifications related to initial, informational benchmark scoring step;
12. Addition of Appendix R – Bid Scoring and Modeling to provide examples of how price scores will be determined using micro-resources;
13. Addition of Appendix S – Berkshire Hathaway Energy Cyber Security Requirements and Appendix S-1- Berkshire Hathaway Energy Cyber Security Attestation requirement;
14. Adjustments to demand-side resource's non-price scoring methodology in Appendix Q to make scoring more consistent with supply-side resources; and
15. Other clerical and administrative changes consistent with these reply comments.

These changes do not impact the Company's compliance with the Commission's rules.

IV. CONCLUSION

PacifiCorp's 2022AS RFP, which satisfied the CBRs, will result in the procurement of least-cost, least-risk resources consistent with the public interest. PacifiCorp respectfully requests that the Commission issue an order approving the Company's 2022AS RFP.

UM 2193
Public Utility Commission of Oregon
April 11, 2022
Page 13

If you have questions about this filing, please contact Cathie Allen, Manager, Regulatory Affairs, at (503) 813-5934.

Sincerely,

A handwritten signature in cursive script that reads "Shelley McCoy".

Shelley E. McCoy
Director, Regulation
Pacific Power & Light Company

Enclosure



2022 All-Source Request for Proposals

(2022AS RFP)

ISSUED: Tuesday April 26, 2022

DUE DATES:

Benchmark Bids: Monday November 21, 2022 5:00 PPT

Market Bids: Tuesday February 14, 2023 5:00 PM PPT

PacifiCorp
RFP 2022AS
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TABLE OF CONTENTS

	Page
SECTION 1. OVERVIEW	1
A. PURPOSE AND SCOPE OF RFP.....	1
B. INTERCONNECTION REQUIREMENTS AND EXISTING CONSTRAINTS	3
C. TRANSACTION TYPE.....	4
D. BENCHMARK RESOURCES AND AFFILIATE TRANSACTIONS	5
E. OPERATING CAPABILITIES OF THE RESOURCE.....	5
SECTION 2. PROCEDURAL ITEMS.....	7
A. INDEPENDENT EVALUATOR.....	8
B. PACIFICORP RFP ORGANIZATION AND ROLES.....	9
C. STANDARDS OF CONDUCT; SEPERATION OF FUNCTIONS.....	11
D. CONFIDENTIALITY	11
E. PACIFICORP’S RESERVATION OF RIGHTS AND DISCLAIMERS.....	11
SECTION 3. GENERAL INFORMATION AND LOGISTICS	12
A. SCHEDULE	12
B. 2022AS RFP BIDDER CONFERENCE.....	13
C. INTENT TO BID FORMS	14
D. SUBMISSION OF QUESTIONS.....	14
E. SUBMISSION OF BIDS	15
F. PACIFICORP’S POSTING OF SECURITY	17
G. BID EVALUATION FEES.....	17
H. BID NUMBERING AND FILE NAMING CONVENTION	21
I. MINIMUM ELIGIBILTY REQUIREMENTS FOR BIDDERS	21
SECTION 4. RFP CONTENT AND SUBMITTAL INSTRUCTIONS.....	24
A. ALL PROPOSALS	24
B. GENERAL ORGANIZATION OF THE BID SUBMITTAL	24
C. PPA AND TOLLING AGREEMENTS PROPOSALS.....	25
D. BUILD TRANSFER AGREEMENT (BTA) PROPOSALS.....	26
SECTION 5. RESOURCE INFORMATION.....	28
A. BID INFORMATION AND PRICING INPUTS.....	28

B.	TECHNICAL SPECIFICATIONS.....	28
C.	RESOURCE PERFORMANCE ESTIMATE INFORMATION	28
D.	DIRECT INTERCONNECTION TO PACIFICORP’S SYSTEM (ON SYSTEM BIDS).....	28
E.	TRANSMISSION SERVICE FOR DELIVERY TO PACIFICORP’S SYSTEM (OFF SYSTEM BIDS)	29
F.	NETWORK TRANSMISSION SERVICE ON PACIFICORP’S SYSTEM.....	30
G.	TAX CREDITS AND/OR PROJECT INCENTIVES	30
H.	ACCOUNTING	30
I.	COST ASSOCIATED WITH DIRECT OR INFERRED DEBT.....	31
SECTION 6. BID EVALUATION AND SELECTION		31
OVERVIEW OF THE EVALUATION PROCESS.....		31
A.	BID ELIGIBILITY: CONFORMANCE TO MINIMUM REQUIREMENTS	33
B.	DUE DILIGENCE AND NON-PRICE SCORING.....	34
C.	BID PREPARATION INTO PLEXOS AND RESOURCE SHAPING.....	35
D.	PLEXOS ANALYSIS: BID SELECTION AND PORTFOLIO OPTIMIZATION	37
E.	FINAL SCORING AND RANKING TO RECOMMEND FINAL SHORTLIST.....	39
F.	BENCHMARK BID CONSIDERATIONS	40
G.	STATE REGULATORY CONSIDERATIONS	40
H.	RESOURCES NOT SELECTED TO FINAL SHORTLIST.....	41
SECTION 7. AWARDING OF CONTRACTS		41
A.	INVITATION.....	42
B.	BASIS OF REJECTION.....	42
C.	NON-RELIANCE LETTER.....	42
D.	POST-BID NEGOTIATION.....	42
E.	SUBSEQUENT REGULATORY ACTION.....	43
F.	RFP RESULTS.....	43

Appendices

- APPENDIX A Technical Specifications and Required Submittals
- APPENDIX B-1 Notice of Intent to Bid
- APPENDIX B-2 Bid Proposal Instructions and Required Information¹
- APPENDIX C-1 Bid Summary and Pricing Input Sheet Instructions
- APPENDIX C-2 Bid Summary and Pricing Input Sheet
- APPENDIX C-3 Energy Performance Report
- APPENDIX D Bidder’s Credit Information
- APPENDIX E-1 PPA and Tolling Agreement Instructions to Bidders
- APPENDIX E-2 PPA Documents²
- APPENDIX E-3 Tolling Agreement Documents³
- APPENDIX F-1 BTA Instructions to Bidders
- APPENDIX F-2 BTA Documents⁴
- APPENDIX G-1 Confidentiality Agreement

¹ Changes to Appendix B-2 and other appendices have been provided as redlines to the Appendix Umbrella document based on stakeholder feedback and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022.

² The following updates will be made to the proforma PPAs: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) the curtailment language will be adjusted to further clarify that curtailments as a result of PacifiCorp’s market scheduling and economic dispatch will be compensable; 3) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 4) updated cyber security requirements, 5) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon’s HB2021 requirement for Seller to provide labor attestation or PLA; and 6) other conforming changes consistent with the 2020AS RFP negotiations.

³ The following updates will be made to the proforma tolling agreements: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements, 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon’s HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

⁴ The BTAs pro forma documents will be similarly updated 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements, 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon’s HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

Version: UM2193 – Response Filing

Date: April 11, 2022

APPENDIX G-2 Non-Reliance Letter

APPENDIX H-1 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections

APPENDIX H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections

APPENDIX H-3 PacifiCorp Transmission: Summary of OASIS queue positions

APPENDIX I Standards of Conduct; Separation of Functions

APPENDIX J PacifiCorp Transmission Waiver

APPENDIX K Operations and Maintenance Services

APPENDIX L Non-Price Scoring Matrix⁵

APPENDIX M Role of the Independent Evaluator⁶

APPENDIX N PacifiCorp's Organization for RFP Process

APPENDIX O PacifiCorp's Company Alternative (Benchmark Resource)

APPENDIX P Equity Questionnaire⁷

APPENDIX Q 2021 Demand Response RFP – Requirements for Demand-side Bids⁸

APPENDIX Q-1 Professional Services Contract

APPENDIX R Bid Scoring and Modeling

APPENDIX R-1 Bid Scoring Example

APPENDIX S Berkshire Hathaway Energy Cyber Security Requirements

APPENDIX S-1 Berkshire Hathaway Energy Cyber Security Attestation

⁵ Additional questions have been added and limited changes have been made to Appendix L based on stakeholder feedback and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022 and in response to evolving concerns about cyber security.

⁶ Updated consistent with UM2193 Response Filing

⁷ Additional questions have been added to Appendix P based on stakeholder feedback and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022.

⁸ The Appendix Q demand response price/non-price score will be updated to be consistent with the 2022AS RFP 75/25 split. A third category will be added for a total of five points for Bid Submittal Completeness (new), to be consistent with supply-side resource non-price score categories. By September 1, 2022, PacifiCorp will update its all-source RFP to incorporate necessary changes and relevant updates to all relevant documentation (including, but not limited to, procurement specifications, evaluation methodology, and scoring rubric) if incremental demand response resources are identified in Washington as the Company finishes contracting for its 2021 demand response RFP.

SECTION 1. OVERVIEW

A. PURPOSE AND SCOPE OF RFP

PacifiCorp established an action item out of PacifiCorp's 2021 Integrated Resource Plan (IRP) to conduct an all-source request for proposals (2022AS RFP) and acquire new resources. The 2021 IRP preferred portfolio includes the following incremental resources:⁹

1. 1,345 megawatts (MW) of new proxy supply-side wind and solar generation resources and 600 MW of collocated energy storage resources with commercial operation date ("COD") by December 31, 2026.¹⁰
2. new proxy demand response resources.¹¹

The 2022AS RFP will accept and evaluate all resource types,¹² including small-scale and distributed resources, which meet the minimum criteria of this RFP listed in Section 3.I. Prior to the determination of the final shortlist bids in July 2023, the 2022AS RFP will incorporate the results of any separate, voluntary targeted demand response RFP. The two RFPs will dovetail and be evaluated at the same time using the IRP portfolio optimization models. Resource procurement to be pursued as part of the 2022AS RFP process timeline include:

1. This all-source RFP (2022AS RFP) released in April 2022 with market bids due February 14, 2023, and
2. In the event additional demand response resource need is identified through Company planning processes, a voluntary targeted demand-side resource RFP will be issued by August 31, 2022.

⁹ [2021 IRP Volume I \(pacificorp.com\)](https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf):

<https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf>

¹⁰ The figures for solar and wind exclude resource capacity added to meet assumed customer preference targets that are included in the 2021 IRP preferred portfolio.

¹¹ 274 MW of proxy demand response resources were selected between 2022-2026 in the 2021 IRP. The Company is currently expanding its existing programs and contracting for new demand response resources identified in the 2021 demand response RFP, therefore total demand response resources needed may differ prior to the issuance of any further demand side RFP.

¹² WAC 480-107-009 Required all-source RFPs and conditions for voluntary targeted RFPs. (1) All-source RFP requirements. All-source RFPs must allow bids from different types of resources that may fill all or part of the characteristics or attributes of the resource need. Such re-source types include, but are not limited to, unbundled renewable energy credits, conservation and efficiency resources, demand response or other distributed energy resources, energy storage, electricity from qualifying facilities, electricity from independent power producers, or other resources identified to contribute to an equitable distribution of energy and nonenergy benefits to vulnerable populations and highly impacted communities.

Demand response bidders may bid into one or both of the RFPs.¹³

Bidders bidding into the 2022AS RFP will be required to pay a bid fee and provide firm pricing at the time of bid and hold bids through November 21, 2023.

PacifiCorp will use the results of this 2022AS RFP as well as any voluntary targeted demand-response RFP to fulfil resource needs for system customers and state compliance obligations. The resource valuation and selection process will be based on PLEXOS, the portfolio optimization tool used for the IRP to ensure process consistency and fairness to the customers across PacifiCorp's six state territory.

After PacifiCorp selects the least cost, least risk resources on behalf of all system customers consistent with the resource need identified in the 2021 IRP,¹⁴ PacifiCorp may find it requires additional resources to comply with regulations in one or more of its six states.¹⁵ Following the selection of system resources for the final shortlist on behalf of PacifiCorp's six-state customers, PacifiCorp will consider additional compliance requirements for specific states with clean energy compliance obligations, and potentially add state-specific resources to ensure those compliance obligations are met. This secondary, discretionary process will not impact the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements. Any additional acquisitions, in order to meet Washington CETA compliance obligations for example, will be allocated to the state(s) where the obligation requires additional resources.

Following PacifiCorp's selection of resources for system customers and any additional resources required to meet specific state compliance obligations, PacifiCorp may conduct a secondary process to match renewable resource bids not chosen to the final shortlist with customers interested in voluntary renewable programs. This secondary, discretionary process will not impact the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements.

The 2022AS RFP will consider new and existing resources so long as they can achieve commercial operation and/or begin deliveries to PacifiCorp by December 31, 2027; however, PacifiCorp has a preference for bids which can come online by the end of 2025 or during 2026. PacifiCorp will also

¹³ The Company is currently in the process of contracting demand response resources from the 2021 DR RFP. The company also has significant DR resources on the system that can be expanded to meet certain resource needs. Thus, while the 2021 IRP identified additional demand response resource needs, the Company may or may not have an incremental need beyond existing programs and ongoing procurement efforts. In the event additional demand response resource need is identified, PacifiCorp will issue a voluntary targeted RFP by August 31, 2022 outlining the specific remaining incremental resource needs, including type, location and timing.

¹⁴ The estimated avoided cost will be based on the values determined through the IRP modeling process. Values can be found in Volume I, Chapter 8 (Modeling and Portfolio Evaluation Approach) and Chapter 9 (Modeling and Portfolio Selection). PacifiCorp provides a preliminary determination of accrual of energy and non-energy benefits within Volume II, Appendix O (Washington Clean Energy Action Plan).
<https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf>

¹⁵ Washington CETA and Oregon HB2021

consider bids for long-lead time resources,¹⁶ so long as commercial operation can be achieved by December 31, 2028. Bidders who may have questions about resource eligibility should submit a question to PacifiCorp for clarification along with documentation supporting their contention that the resource would qualify as a long-lead time resource. Resources bid into the 2022AS RFP must be capable of timely interconnecting with PacifiCorp's transmission system (PACE or PACW) or, in the case of resources interconnecting to a third-party transmission system, delivering to PacifiCorp's transmission system prior to the bidder's proposed COD.

This document outlines the 2022AS RFP rules and processes. PacifiCorp is not bound to accept any bids and may cancel this solicitation at any time and at its own discretion.

B. INTERCONNECTION REQUIREMENTS AND EXISTING CONSTRAINTS

Resources bid into the 2022AS RFP must demonstrate their ability to interconnect with or, in the case of resources interconnecting to a third-party transmission system, deliver to PacifiCorp's transmission system. Bids must include at least a completed interconnection study by the applicable interconnection provider (PacifiCorp Transmission or the applicable third-party transmission provider if the project is or will propose to be interconnected to a third-party system), which may include a i) completed fast track interconnection study,¹⁷ ii) completed PacifiCorp Transmission cluster study, or iii) signed interconnection agreement. In the case of proposed projects that have or propose to interconnect with a third-party transmission system, bids must further provide satisfactory evidence of firm point-to-point transmission rights sufficient to deliver the full output of the project to PacifiCorp's transmission system on or before December 31, 2027, or December 31, 2028, for long-lead time resources and must detail all actual or estimated transmission costs.

The 2021 IRP included a schedule of potential transmission upgrades provided in **Appendix H-1 – 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections**,¹⁸ and the IRP preferred portfolio picked proxy resources in the locations enabled by associated transmission upgrades selected by the 2021 IRP preferred portfolio as summarized in **Appendix H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections**.

Bidders are encouraged to research the publicly available information related to executed LGIAs, PacifiCorp Transmission's Transition Cluster Study, and PacifiCorp Transmission's Cluster Study I available on PacifiCorp's Open Access Same-time Information System (OASIS). In **Appendix H-3 -**

¹⁶ Nuclear, geothermal or pumped storage hydro for example. Other long-lead resources approved on a case-by-case basis via request to the RFP inbox and in consultation with the IEs. Resources are considered long-lead time resources if they require a state or federal licensing process and a prolonged construction cycle outside the normal scope of wind/solar renewable development cycle projects. Such federal licensing requirement do not include pursuing federal (BLM) land rights.

¹⁷ Section 50 in the OATT (V. SMALL GENERATION INTERCONNECTION SERVICE)

¹⁸ August 27, 2021 IRP meeting, slide 8: [8.27.2021 PacifiCorp IRP PIM](#)

PacifiCorp Transmission: Summary of OASIS queue positions, PacifiCorp has provided a summary of the following OASIS reports at the time of RFP issuance:

1. Active Serial Queue Positions
2. Executed Interconnection Agreements – Not in Service
3. Transition Cluster Study
4. First Annual Cluster Study (Cluster Study 1)

The signed LGIAs are binding contractual agreements with PacifiCorp’s Transmission function, and therefore, reflect reserved interconnection capacity in certain locations on PacifiCorp’s transmission system. Such LGIAs may be updated from time-to-time subject to the Open Access Transmission Tariff (OATT) rules as requests may be withdrawn and consequently areas and individual resources may be restudied.

PacifiCorp will conduct a Workshop or Technical Conference for bidders regarding the interconnection process and transmission assessment shortly after issuance of the RFP on May 4, 2022.

C. TRANSACTION TYPE

PacifiCorp is accepting qualified proposals for i) existing resources from bidders who currently own or have legally binding rights to operate existing resources, and ii) new resources from bidders with development rights to construct new resources. PacifiCorp will accept bids in the 2022AS RFP from existing operating facilities subject to the following conditions:

- Bidder cannot terminate an existing contract to bid into the 2022AS RFP;
- The existing contract must expire before the required on-line date as proposed in a bidder's bid but no later than December 31, 2027; and
- Bid must meet all other requirements in the 2022AS RFP.

Resources must be individually metered and remotely monitored. PacifiCorp has a preference for resources which can be dispatched but will also accept non-dispatchable resources.

PacifiCorp will consider proposals with the following transaction structures:

1. Benchmark transaction whereby the utility proposes to develop, construct, own and operate a bid project. Under this transaction structure, PacifiCorp will be responsible for all required development, design, equipment supply, construction, commissioning, and performance testing.
2. Build-transfer transaction whereby the bidder develops the project, assumes responsibility for construction and ultimately transfers the asset to PacifiCorp in accordance with the terms of a build-transfer agreement (BTA). Under this transaction structure, the bidder will be responsible for all development, design, equipment supply, construction, commissioning, and performance testing, and will be required to design and construct the resource in conformance with PacifiCorp’s specifications. PacifiCorp will only be acquiring the bidder’s assets under the BTA structure and will not consider BTA bids that involve the ultimate transfer of a project company to PacifiCorp. PacifiCorp provides a term sheet with this RFP that must guide any BTA bid. PacifiCorp will accept

- BTA offers for all resource types but only resources interconnecting directly to PacifiCorp's transmission system.
3. Power-purchase agreement (PPA) transaction with exclusive ownership by PacifiCorp of any and all energy, capacity, ancillary services and environmental attributes associated with the generation. PacifiCorp will consider PPA terms between 5 and 30 years.¹⁹ PacifiCorp provides two forms of PPA: generation-only resources and generation resources collocated with a battery energy storage system (BESS) resource. With respect to collocated resources, the term length must be the same term for both the generation and the storage resource. PacifiCorp is requiring full dispatch control of the collocated or standalone battery (charge and discharge) as addressed in contractual terms in the applicable appendices to this 2022AS RFP.
 4. Tolling Agreement, transaction whereby PacifiCorp controls the output of a standalone storage resource (BESS, Pumped storage hydro (PSH) or other). PacifiCorp will consider Tolling Agreement terms between 5 and 30 years, or for PSH bids up to the term of the operating license.
 5. Professional Services Contract for demand-side bids included in **Appendix Q-1 – Professional Services Contract**.

D. BENCHMARK RESOURCES AND AFFILIATE TRANSACTIONS

PacifiCorp may submit one or more self-build ownership proposals (benchmark resources) which are further described in **Appendix O - PacifiCorp's Company Alternative (Benchmark Resource)**. Benchmark bids will be required to submit all of the same RFP requirements as third-party BTA bids, as listed in **Appendix F-1 BTA Instructions to Bidders** with the exception of Appendix D, Appendix E-2, Appendix F-2, Appendix G-1, Appendix J, Appendix K, and Appendix S-1. As discussed in more detail in Section 6.F below, any PacifiCorp benchmark resource bids will be reviewed and evaluated by PacifiCorp's evaluation team, and both PacifiCorp and the IE(s) will have filed their evaluations of such benchmark resource bids with the Commission(s) consistent with the rules in each state, prior to PacifiCorp commencing review and evaluation of the non-market bids.

In order to provide for a transparent and fair process, the RFP will be conducted under the oversight of three IEs as further described in Section 2.A. The IEs will have been involved in the development of the RFP and will ensure the RFP process is conducted in a fair and reasonable manner. Potential bidders are invited and encouraged to contact the Oregon, Utah or Washington IE with questions or concerns. More information concerning the role of the IE is provided in **Appendix M - Role of the Independent Evaluator**.

E. OPERATING CAPABILITIES OF THE RESOURCE

PacifiCorp has a preference for dispatchable, renewable energy resources, standalone energy storage and collocated BESS with renewable energy generating resources. With respect to bids

¹⁹ Longer terms matching a bidder's operational license will be accepted.

including storage, PacifiCorp is requiring full dispatch control of the collocated or standalone battery (charge and discharge) as addressed in contractual terms in the applicable appendices to this 2022AS RFP. All collocated storage bids shall be i) AC-coupled, ii) sized so that the storage power capacity rating is nominally greater than 50% of the nameplate capacity of the collocated generating resource, and iii) four-hour duration or longer. All PPAs should be bid as an augmented system capable of maintaining the original storage power capacity and duration rating for the contract term, or otherwise able to maintain original capability, as bid. BTAs should offer unaugmented storage bids; however the storage facility should be developed and designed to allow for future augmentation in accordance with the specifications in **Appendix A – Technical Specifications and Required Submittals**. Benchmark resources shall be bid consistent with **Appendix O - PacifiCorp’s Company Alternative (Benchmark Resource)**.

All bids should comply with technical and operating specifications for Automated Generation Control (AGC) for automated signal operation and Automatic Voltage Regulation functionality and **be capable of following a four second signal**. Bidders should review and understand the North America Electric Reliability Corporation (NERC) guidelines regarding technical requirements.²⁰ A more detailed description of operating requirements and specifications is included in **Appendix A – Technical Specifications and Required Submittals** by resource type.

Bidders must provide a description of the plant communications and control plan as part of their **Appendix C-3 – Energy Performance Report** response. The plan shall include a description and diagrams (as applicable) that demonstrate how bidder will provide BESS systems data, including state of charge, power charge/discharge status, and asset health indicators (temperature, HVAC alerts, emergency status, etc.) as well as BESS system control, including limitation of charging only from renewable energy production, if applicable, charge/discharge scheduling, and station service load²¹.

All forms of storage systems (Lithium Ion, Flow Battery, Pumped Storage Hydro etc.) are eligible to bid into its 2022AS RFP. When offered as part of a collocated renewable generating resource, PacifiCorp has a preference for BESS that has a power capacity rating that is 100% of the nameplate capacity and with duration of four hours or longer;²² however, PacifiCorp’s preferences have no impact on the final bid scoring. Both collocated or standalone BESS BTA bid must conform to both the generating resource specifications and the BESS specifications in **Appendix A – Technical Specifications and Required Submittals**. Bids should ensure the BESS specifications are consistent between **Appendix B-2 – Bid Proposal Instructions and Required Information**, **Appendix C-2 – Bid Summary and Pricing Input Sheet** and **Appendix C-3 – Energy Performance Report** responses.

Collocated storage bids must be AC-coupled with centralized storage designs. PPAs with collocated batteries should be bid with augmentation, whereas BTAs should offer unaugmented

²⁰ Please refer to NERC, Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources, September 2019.

²¹ All station service must be metered and purchased via retail tariff with load serving utility. Standalone and collocated BESS systems may not use charging energy or stored energy for station service.

²² PacifiCorp’s preferred portfolio is shown in Table 9.17 of Volume I of its 2021 IRP. The reasons for storage sizing in the preferred portfolio are discussed in Chapters 5 and 8.

bids based on designs which allow for augmentation at PacifiCorp's election. Benchmark resources should be bid consistent with **Appendix O - PacifiCorp's Company Alternative (Benchmark Resource)**. Battery augmentation is the replacement or addition of new batteries to an existing battery resource to assure performance based on contractual requirements. For more guidance on PacifiCorp's storage need, bidders are encouraged to review **Appendix A-1.6 Battery Storage Specification** and also review resource selection in PacifiCorp's most recent 2021 IRP.

Generation and storage resources that are bid as a BTA must meet both the general technical specifications and the resource-specific technical specifications defined in **Appendix A – Technical Specifications and Required Submittals**.

Demand-side resources: Bidders must comply with technical specifications listed in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**.

SECTION 2. PROCEDURAL ITEMS

PacifiCorp will evaluate proposals based on the following:

- Conformance with the RFP minimum eligibility requirements,
- Cost to customers, which is modeled by PacifiCorp as associated with the bid,
- The deliverability – or viability – of the resource including: ability to interconnect or otherwise deliver to PacifiCorp by the proposed COD, site control, development maturity (status of site studies (geotechnical/cultural/environmental/avian/wildlife/fish), permitting status, developer's experience, procurement and supply chain plan, and demonstration that the project's COD will be achieved by December 31, 2027, or in the case of long-lead time resources, the ability to reach commercial operation by 2028,
- Conformance with the 2022AS RFP requirements related to transmission and interconnection (see Section 5.D and 5.E),
- Technical design, feasibility, and compliance with **Appendix A – Technical Specifications and Required Submittals**.
- Ability to provide acceptable credit security as determined per **Appendix D – Bidder's Credit Information**.²³
- Ability to reach a mutually agreeable contract generally in conformance with the terms attached in **Appendix E-2 – PPA Documents, Appendix E-3 – Tolling Agreement Documents, or Appendix F-2 – BTA Documents, or Appendix Q-1 – Professional Services Contract** for Demand-side Bids.

²³ Security in Appendix D and Appendix E-2, E-3 and F-2 proforma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.

- Resources allocated to the state of Washington will be further evaluated according to WAC 480-107-035, including risks and benefits to vulnerable populations²⁴ and highly impacted communities (“equity” criteria).
- Resources located and delivered to PacifiCorp’s system in California will be further evaluated according to Rulemaking 18-07-003.
- Demand-side resources will be evaluated according to **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**. For the purposes of the all-source RFP, demand-side resources are asked to follow the same process and complete the similar documents as the 2021 demand response RFP.²⁵

Bidder is responsible for all bidder fees and all costs and expenses of any response to PacifiCorp in connection with its proposal for the 2022AS RFP. Such expenses may include but are not limited to i) bidders cost of providing additional information, ii) a required success fee if project is selected to the final shortlist, and iii) bidder's own expenses in negotiating and reviewing any documentation. PacifiCorp will have no liability 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.

A. INDEPENDENT EVALUATOR

PacifiCorp is conducting the 2022AS RFP under the oversight of three independent evaluators (IEs). An IE has been retained by PacifiCorp on behalf of the Public Utility Commission of Oregon (Oregon Commission) as required by Oregon Administrative Rules § 860-89-200.²⁶ A second IE has been retained by PacifiCorp on behalf of Washington Utilities and Transportation Commission (UTC) as required by WAC 480-107-023. The Utah Public Service Commission (Utah Commission) has also retained their own IE consistent with Utah guidelines in Utah Admin. Code R746-420. The IEs will be involved in development of the RFP and provide oversight to ensure the RFP process is conducted in a fair and reasonable manner. Potential bidders are invited and encouraged to contact the Oregon IE, the Washington IE and/or the Utah IE with questions or concerns. More information concerning the role of the IE is provided in **Appendix M – Role of the Independent Evaluator** for each of the states.

Contact information for each IE is as follows:

Independent Evaluators:
<p style="text-align: center;">OREGON – PA Consulting Group, Inc. Charles Janecek 2022as_ie@paconsulting.com 303-250-5060</p>

²⁴ As defined in WAC 480-100-605.

²⁵ PacifiCorp conducted a demand response RFP in 2021 and intends to issue a demand-side RFP in Q3 2022. Please reference **Appendix Q - 2021 Demand Response RFP - Requirements for Demand-side Bids**.

²⁶ Oregon’s competitive bidding rules were adopted in Public Utility Commission of Oregon Docket AR 600, *In the Matter of Rulemaking Regarding Allowances for Diverse Ownership of Renewable Energy Resources*, Order 18-324 (August 30, 2018).

Independent Evaluators:
WASHINGTON – Bates White, LLC Frank Mossburg frank.mossburg@bateswhite.com 202-652-2194
UTAH - Merrimack Energy Wayne Oliver MerrimackIE@merrimackenergy.com 781-856-0007

B. PACIFICORP RFP ORGANIZATION AND ROLES

The RFP organization and roles were established by PacifiCorp before issuance of this RFP. The RFP teams shall consist of i) an RFP evaluation team, ii) a project development (benchmark) team, and iii) other general support, shared resource teams such as but not limited to the IRP, engineering and customer solutions teams. Members of the evaluation and benchmark teams will work in separate physical locations to protect the integrity of the RFP process and will not be allowed to confer on items related to the 2022AS RFP, proposed benchmark resources, or other market bids. Prior to the benchmark bid deadline, benchmark bids shall be saved in drives that the evaluation team is not able to access. Following receipt of the benchmark bids, the RFP evaluation team will save all market bids, price and non-price scorecards and other evaluation documents to drives which the project development (benchmark) team does not have access to. Non-price scores and the results of initial PLEXOS analyses and pricing against proxy resources conducted by the RFP evaluation team in compliance with OAR 860-089-0350, including bid preparation models, will be submitted to the IEs for their retention prior to PLEXOS modeling.

Members of the RFP Evaluation Team, Project Development (Benchmark) Team, and Shared Resource teams will be allowed to communicate and collaborate on work unrelated to the selection of bids in the 2022AS RFP, such as, for example, engineering and technical support for ongoing contractual negotiations.

- RFP Evaluation Team – Valuation and Commercial Business (Origination and Structuring and Pricing)
 - Responsible to coordinate with the IE and all of the RFP Evaluation Team members and perform the evaluation of the non-price components of the bid analysis.
 - Responsible for evaluation of the benchmark and market resource bids.
 - Responsible for overseeing the modeling and preparation of bid inputs to the IRP models. Responsible for preparing bid inputs for the IRP modeling.
 - Responsible for evaluation of the applicable environmental, siting and facilities permits and other environmental studies for the project bid and coordination with the Environmental group as needed.
 - Responsible for overseeing the credit screening, evaluation and monitoring throughout RFP process.
 - Responsible for confirming compliance and legal review of submitted bid documents.

- Project Development (Benchmark) Team - PacifiCorp employees isolated from the RFP Evaluation Team in RFP bid review and selection
 - Responsible for development and submittal of any Benchmark Resource Bid(s)
- Shared Resources Teams:
 - Shared resource teams will perform specific portions of the benchmark and market bid evaluation with oversight by the RFP Evaluation team and ultimately the IEs. Members of the Shared Resources team will not share information to the Project Development (benchmark) Team related to market bids or bidders.
 - Engineering Team
 - PacifiCorp employees responsible for evaluating technical assumptions, including compliance with **Appendix A - Technical Specifications and Required Submittals** and validation of **Appendix C-3 Energy Performance Report** in conjunction with 3rd party consultant.
 - Customer Solutions Team
 - PacifiCorp employees responsible for evaluating demand-side resources including distributed energy and demand response bids and who may also be issuing voluntary targeted request for proposals in Q3 2022.
 - Credit
 - Responsible for assessing bidder organization and creditworthiness qualifications.
 - Compliance, Permitting and Safety
 - Responsible for evaluating bids with respect to siting, cultural, avian, wildlife, fish, environmental, permitting and safety criteria.
 - Legal
 - Responsible for general legal support, including supporting the RFP Evaluation Team in evaluating bidder comments and redlines to pro forma contract forms and term sheets.
 - Regulatory
 - Responsible for ensuring compliance with state procurement rules and other requirements such as Washington CETA, Oregon HB2021, etc.
 - PacifiCorp Transmission
 - Responsible for providing general subject matter expert support. PacifiCorp Transmission may also be consulted by the RFP Evaluation Team regarding interconnection and transmission information pertinent to a bid, subject to a bidder-signed and posted waiver on OASIS for bid specific discussions.
 - IRP Team
 - The IRP Team will be treated as a shared resource to perform work for the RFP Evaluation Team in running PLEXOS models. The IRP Team will not share any information it obtains from the RFP Evaluation Team with the Project Development (Benchmark) Team, and the IRP Team will not share with either the RFP Evaluation Team or Project Development (Benchmark) Team, any non-public transmission system information at any point in the process.

More information related to primary roles and responsibilities may be found in **Appendix N – PacifiCorp’s Organization for RFP Process**.

C. STANDARDS OF CONDUCT; SEPERATION OF FUNCTIONS

Each bidder responding to this RFP must conduct its communications and activities in recognition of PacifiCorp's obligation to comply with the Federal Energy Regulatory Commission (FERC)'s Standards of Conduct for Transmission Providers (see **Appendix I – Standards of Conduct; Separation of Functions**), which require the functional separation of PacifiCorp's transmission and merchant functions. Interconnection with or transmission service on PacifiCorp's system is arranged through PacifiCorp's transmission function, and not PacifiCorp's merchant function that administers this RFP. Similarly, with respect to any necessary interconnection and transmission arrangements on a third-party transmission system, the bidder must coordinate with and refer to the requirements of the third-party transmission provider. As part of a bid submittal, bidders will be requested to execute a customer consent form provided in **Appendix J – PacifiCorp Transmission Waiver** that enables PacifiCorp's merchant function to discuss the bidder's interconnection and/or transmission service application(s) with PacifiCorp's transmission function.

D. CONFIDENTIALITY

As described in Section 3.C. below, before bid submittal, bidders will be required to execute a confidentiality agreement in the form provided in **Appendix G-1 – Confidentiality Agreement**. As provided in the form of confidentiality agreement, PacifiCorp will attempt to maintain the confidentiality of all bids submitted, to the extent consistent with law or regulatory order. Washington state requires that within thirty days after the close of the bidding period, the utility must post on its public website a summary of each bid the utility has received. PacifiCorp will endeavor to post a generic but complete description and protect confidential data to the extent Washington procurement rules allow.²⁷ It is the bidder's responsibility to clearly indicate in its proposal what information it deems to be confidential and subject to the terms of the executed confidentiality agreement. Bidders may not mark an entire proposal as confidential, but bidders must mark specific information on individual pages to be confidential to receive confidential treatment for that information under the terms of the executed confidentiality agreement.

All information supplied to PacifiCorp or generated internally by PacifiCorp is and will remain the property of PacifiCorp. To the extent bidder receives information from PacifiCorp, bidder must maintain the confidentiality of such information and such information may not be provided to any third-party before, during or after this RFP process unless required by law or regulatory order.

E. PACIFICORP'S 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. 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

²⁷ WAC 480-107-035(5)

requirements that impact PacifiCorp, and any evidence of 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, against any director, officer, employee, agent or representative of any of them, or against the Independent Evaluators, 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.

SECTION 3. GENERAL INFORMATION AND LOGISTICS

A. SCHEDULE

The proposed 2022AS RFP schedule is shown below.

Milestone	Date
2022AS RFP Issued to market	04/26/2022
Interconnection and Transmission Workshop	05/04/2022
First Bidders Conference	05/06/2022
PacifiCorp OATT - Cluster Study Request Window closes (deadline)	05/16/2022
Demand-side Voluntary Targeted RFP Issued to Market, as necessary	08/31/2022
Demand-side RFP notice of intent to bid due	09/30/2022
Second Bidder Workshop	10/20/2022
Last day for RFP questions to IEs for Q&A	11/01/2022
Cluster study results posted to OASIS / bidders notified by PacifiCorp Transmission	11/12/2022
Notice of Intent to Bid due	11/17/2022
Benchmark bids due	11/21/2022
Demand-side Voluntary Targeted RFP bids due	11/30/2022
PacifiCorp completes non-price scoring, bid preparation models and initial price scoring of benchmark resources in accordance with OAR 860-089-0350 (1)	01/12/2023
IEs complete review of benchmark bid evaluations, including non-price scores, bid preparation models, and indicative pricing in comparison with proxy resources	02/13/2023
PacifiCorp files benchmark bid evaluation in accordance with OAR 860-089-0350 (1)	02/13/2023
RFP bids due from market	02/14/2023
Capacity factor and BESS evaluation of bids started	02/16/2023
PacifiCorp completes bid eligibility screening	03/16/2023
IE completes review of bid eligibility screening	03/23/2023
PacifiCorp completes bid preparation models for supply-side and demand-side market bids and provides all inputs to portfolio	03/24/2023

optimization team for upload into PLEXOS alongside benchmark resources files previously provided and uploaded	
Capacity factor and BESS evaluation of bids completed	03/24/2023
PacifiCorp completes due diligence and non-price scoring of market bids	04/13/2023
IEs complete review of non-price scoring	04/27/2023
PLEXOS generates price score and preferred portfolio for each benchmark and market bid in consideration of all bids	05/13/2023
Final Shortlist (FSL) selected	05/23/2023
IEs' review of FSL Completed	06/03/2023
Complete negotiation of T&Cs for resource agreements	11/11/2023
Execute Agreements	11/21/2023
Bid validity date	11/21/2023
Winning Bid Guaranteed COD	12/31/2027

Bidders seeking an interconnection study via the 2022 PacifiCorp Transmission Cluster Study shall be responsible for working with PacifiCorp Transmission to ensure that all cluster study requirements included in the Open Access Transmission Tariff (OATT) have been met by May 16, 2022 when, according to the current OATT as of the date of this issuance, the Cluster Request Window closes.

The schedule above is subject to change. Actual dates may vary 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. PacifiCorp is not responsible for any costs or damages to bidders alleged to be attributable to changes in the RFP schedule stated above. 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 firm nature of the schedule and be available for calls and meetings with PacifiCorp and the IE regarding bid submittals and be responsive to questions in a timely manner.

BIDDERS WILL BE REQUIRED TO RESPOND TO BID QUESTIONS AND CURE ANY BID DOCUMENT DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF BID REVIEW AND REQUESTS.

B. 2022AS RFP BIDDER CONFERENCE

Due to the extended timeframe between the RFP issuance and bidder deadlines, two bidder conferences will be scheduled, the first to be held on **May 6, 2022 and the second on October 20, 2022**. The bidder conference will be scheduled from 9:30 AM to 1:00 PM PT (10:30 AM to 2:00 PM MT) and will cover the 2022AS RFP structure, deliverables, schedule, requirements, energy performance analysis, required forms and interconnection requirements. The bidder conference will be scheduled as a Microsoft Teams meeting for remote attendance. Additional details on the bidder conference will be posted to the PacifiCorp website.

Day: Thursday
Date: May 6, 2022 and October 20, 2022

Time and Agenda:

9:30 AM to 11:00 AM Pacific (10:30 AM to 12:00 PM Mountain)	General RFP Structure, deliverables, schedule, requirements and energy performance analysis
11:30 AM to 1:00 PM Pacific (12:30 PM to 2:00 PM Mountain)	RFP forms and bid preparation

Location: Teams Meeting (Details to be provided on PacifiCorp RFP webpage)

C. INTENT TO BID FORMS

Parties that intend to submit bids for consideration in this RFP process are requested to return the following completed documents²⁸ in an electronic copy to the following PacifiCorp and IE’s email addresses, no later than **5:00 p.m. Pacific Prevailing Time on November 17, 2022**, to be accepted as a bidder in the 2022AS RFP:

1. **Appendix B-1 – Notice of Intent to Bid**
2. **Appendix D – Bidder’s Credit Information**
3. **Appendix G-1 – Confidentiality Agreement**

Email: 2022AS_RFP@PacifiCorp.com
frank.mossburg@bateswhite.com (Washington IE)
2022as_ie@paconsulting.com (Oregon IE)
MerrimackIE@merrimackenergy.com (Utah IE)

After PacifiCorp receives the Intent to Bid form, an acknowledgment of receipt and directions for bid submittal fees will be provided.

D. SUBMISSION OF QUESTIONS

Bidders may submit questions related to this solicitation, and PacifiCorp will respond in a timely fashion. While PacifiCorp will maintain the confidentiality of the party posing questions, all questions as well as PacifiCorp’s response to questions will be posted on the PacifiCorp website at <https://www.pacificorp.com/suppliers/rfps/all-source-rfp.html>. PacifiCorp requests that bidders copy the IEs on all questions to the RFP mailbox. Bidders may also submit questions confidentially through one or more of the IEs at the following email addresses:

Washington IE: frank.mossburg@bateswhite.com
Oregon IE: 2022as_ie@paconsulting.com
Utah IE: MerrimackIE@merrimackenergy.com

PacifiCorp: 2022AS_RFP@PacifiCorp.com

All questions submitted to either PacifiCorp or an individual IE will be shared with the IEs in each of the three states.

²⁸ Documents not completed may be grounds for disqualification of a bid.

E. SUBMISSION OF BIDS

Proposals must be submitted with a cover letter that includes all signatures necessary to approve and submit bidder's proposal by one or more representatives having necessary corporate or other organizational authority.²⁹ Additionally, the cover letter must also include the following declaration, which may not be edited without the express approval of PacifiCorp:

“**[Insert legal name of Bidder]** (the “Bidder”) acknowledges receipt of PacifiCorp’s 2022AS All-Source Request for Proposals on or about April 26, 2022. Bidder makes the following representations to PacifiCorp:

1. All of the statements and representations, including bidder’s self-scored non-price scoring, made in this proposal are true to the best of Bidder’s knowledge and belief;
2. Bidder possesses a legally binding agreement(s) or option(s) to possess all necessary land rights for sufficient site control to undertake development of the project as set forth in the proposal, including ingress and egress to and from the site;
3. Bidder agrees to comply with Berkshire Hathaway Energy’s cyber security requirements.
4. Bidder possesses or will possess all necessary and appropriate water rights for construction and ongoing maintenance of the project through the term of the agreement;
5. Bidder i) possesses or intends to obtain all necessary eagle studies and agency coordination required to apply with the United States Fish & Wildlife Service for an eagle take permit, consistent with such regulatory requirements or agency guidance, and bidder possess or intends to obtain all necessary avian, wildlife and fish studies for construction and ongoing maintenance of the project throughout the term of the agreement, ii) agrees to apply for an Eagle Take Permit from the United States Fish & Wildlife Service for the construction, commissioning, and operations of a wind project and for other energy sources or associated infrastructure that may have eagle impacts, iii) agrees to identify and implement, voluntarily or as agreed upon with applicable agency, cut-in speed adjustment, curtailment strategy, and/or bat deterrent systems to address bat impacts at wind projects, iv) has included within its bid an appropriate deduction to its resource production estimates (which would be non-compensable curtailment in any contract executed with bidder in this RFP) to account for potential voluntary outages, cut-in speed adjustments and/or curtailment due to impacts to avian, wildlife and fish species, including eagles and bats; and v) agrees to utilize applicable wildlife siting guidance and meaningful coordination with state/federal wildlife agencies to avoid, minimize, and/or mitigate potential impacts to wildlife and their habitat from project development, construction, and operations.

²⁹ If the proposal is being bid under a partnership, the partnership must be fully established, including a legally binding agreement among the partners (not a letter of intent), before submission of a proposal under this RFP. Each partner must be bound to comply with the terms of this RFP and the proposal. The signature of each partner must be included on the cover letter, along with their contact information (i.e., company name, phone number, email address, etc.). The proposal must include evidence documenting the legal and binding partnership.

6. Bidders for projects sited in Oregon understand the requirements in ORS 757.306³⁰ and will provide required attestations or Project Labor Agreements under HB2021 within 30 days of when the date for construction begins.
7. Bidders agrees to report diversity representation by contractors.
8. Bidder has obtained, or can demonstrate how it will obtain, all necessary authorizations and approvals that will enable Bidder to commit to the terms provided in this proposal;
9. Bidder has reviewed the entirety of this RFP including all relevant appendices, acknowledges its terms, and agrees to comply with the processes stated within
10. BTA bid conforms with **Appendix A - Technical Specifications and Required Submittals**, or else all exceptions are clearly stated and listed as an addendum to this letter.
11. Bid pricing is based on the terms of the transaction documents in **Appendix E-2 – PPA Documents, Appendix E-3 – Tolling Agreement Documents, or Appendix F-2 – BTA Documents or Appendix Q-1 Professional Services Contract**,³¹ as reviewed and, if applicable, revised by bidder; and
12. This proposal is a firm and binding offer through November 21, 2023.

PACIFICORP IS ACCEPTING ONLY ELECTRONIC COPIES OF A BID AND WILL NOT ACCEPT HARD COPIES.

A single form of bid submittal is required; an electronic copy via email.

The electronic copy via email should be sent to:

PacifiCorp at:	2022AS_RFP@PacifiCorp.com
Washington IE at:	frank.mossburg@bateswhite.com
Oregon IE at:	2022as_ie@paconsulting.com
Utah IE at:	MerrimackIE@merrimackenergy.com

Bidders should be aware of file size when delivering the electronic copy of their bid. PacifiCorp suggests limiting the size of each email with attached files to no more than 20 MB to ensure acceptance. Bidders are allowed to submit multiple emails for their bid and should label them accordingly (i.e. “1 of 3...,” “2 of 3...,” “3 of 3...”).

³⁰ A person who constructs or repowers a large-scale project sited in Oregon shall, at the time of contract finalization for development of the project or execution of a contract for delivery of energy from the project, provide a signed attestation or declaration stating to the best of their knowledge and belief, subject to penalty of perjury as described in ORS 162.065, that during all periods of construction all contractors and subcontractors working on the construction or repowering project will have done certain things related to apprenticeship programs, diversity hiring outreach, anti-employee harassment policies, and other required measures as required by ORS 757.306.

³¹ Bidder to select appropriate reference appendix for its submitted bid.

PacifiCorp will respond with receipt email(s).

Benchmark bids will be due 5:00 p.m. Pacific Prevailing Time on Monday, November 21, 2022.

All other market bids will be accepted until 5:00 p.m. Pacific Prevailing Time on Tuesday, February 14, 2023. 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, November 21, 2023.

Bidders must submit complete proposals that include the following items:

1. Via email, one (1) electronic copy of the bid,³² sent to the RFP email addresses³³ provided, which should include any required forms in PDF format and Microsoft Excel format, as required, including all appendices and exhibit sheets.
2. Each bid submission should include all of the requirements listed in Section 4 of this RFP document and **Appendix B-2 – Bid Proposal Instructions and Required Information**, including³⁴:
 - a. Technical submittal requirements from **Appendix A – Technical Specifications and Required Submittals**
 - b. The main bid document (proposal) as organized in **Appendix B-2 – Bid Proposal Instructions and Required Information**,
 - c. An excel version and also PDF print outs of the required tabs from **Appendix C-2 – Bid Summary and Pricing Input Sheet**,
 - d. Redlines or comments to the contract documents reflecting the resource type and structure contained in the bid:
 - i. **Appendix E-2 – PPA Documents**
 - ii. **Appendix E-3 – Tolling Agreement Documents**
 - iii. **Appendix F-2 – BTA Documents**
 - iv. **Appendix Q-1 – Professional Services Contract**
 - e. **Appendix Q - 2021 Demand Response RFP – Requirements for Demand-side Bids** as required for Demand-side bids

F. PACIFICORP’S POSTING OF SECURITY

PacifiCorp will not post security to support its obligations under any definitive agreement. Bidders who will require such security from PacifiCorp should not submit a proposal under this RFP.

G. BID EVALUATION FEES

All bidders proposing bids greater than 5 MW, including Benchmark bids, must pay a fee (Bid Fee) of \$15,000 for each Proposal. All bidders proposing bids less than or equal to 5 MW must pay a Bid Fee of \$1,000 per MW for each proposal. A “Bid” is defined by the following Bid Attributes. **A**

³² Large bid submittals may require being sent in multiple emails due to 25 MB size limitation of email transmittals.

³³ The IEs should be copied on emailed bid submissions.

³⁴ Demand-side resource bids shall include the requirements listed in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids** including the redline to PacifiCorp’s General Services Agreement if applicable.

bidder may submit more than one Bid per project site subject to the following caveats and limitations. Each Bid requires a separate fee. Each combination of different Bid Attributes is considered a separate Bid and subject to the bid fee requirement:

Bid Attribute	Bid Limitations
Project Site	Multiple project sites may be bid as individual Bids or as a combined Bid; however, 1) a bid fee is required for each Bid variation; 2) contingent Bids are not allowed, 3) the COD and term length for all sites in any single Bid must be the same, and 4) the bid package and bid documents for each Bid (including nameplate capacity size, layouts, resource estimates, Appendix C-2s, interconnection studies etc.) must be consistent with the Bid and clearly articulated. Confusing and ambiguous Bids will be given two (2) days to cure and then deemed ineligible.
Technology	A Bid may include multiple collocated technologies; however, the bid package and bid documents for each Bid (including capacity size, layouts, resource estimates, Appendix C-2s, interconnection studies etc.) must be consistent with the Bid and clearly articulated. Confusing and ambiguous Bids will be given two (2) days to cure and then deemed ineligible. Contingent Bids are not allowed. If a generating resource is collocated with BESS, 1) the BESS must be AC-coupled and 2) the COD and term of the generating resource and BESS must be the same.
Nameplate (MW)	<p>The nameplate capacity size of a Bid(s) must be consistent and supported by the interconnection agreement(s).</p> <p>For generating resources collocated with BESS, the Storage Power Capacity Rating must be equal to or greater than 50% of the generating resource Nameplate. Bids with BESS sizes less than 50% will not be accepted.</p> <p>Bidders with multiple executed LGIAs and/or completed interconnection studies may combine multiple LGIAs and/or interconnection studies; however, 1) a bid fee is required for each Bid variation; 2) contingent bids are not allowed, and 3) all required bid documents including layouts, resource estimates, Appendix C-2s, interconnection studies etc. must be clearly articulated and delineated. Confusing and ambiguous Bids will be given 2 days to cure and then deemed ineligible.</p>
BESS Duration	All BESS Bids must have a duration of at least 4 hours.

Term, Start Date and End Date	Bids may be for term lengths between 5-30 years. ³⁵ Multiple Bids may also bid for the same resource with different start and end dates subject to separate bid fees.
Price Structure	<p>PPAs may be bid as fixed price or variable (escalating) price structures. Multiple Bids may also bid for the same resource with different price structures subject to separate bid fees.</p> <p>PPA bids offering collocated generating resource plus BESS will assume battery augmentation in their offered price (no decline in capacity over contract term) and maintain the Storage Power Capacity Rating. BTA pricing shall be for resources which are developed and designed for future augmentation at PacifiCorp's option.</p> <p>Pricing shall include the cost of the security included in the Appendix E-2, E-3 and F-2 pro forma agreements.</p>
Transaction Structure	<p>Generating resource-only Bids may be bid as a PPA or a BTA contractual agreement. PPAs shall be bid with a \$/MWh price structure.</p> <p>Bids offering collocated generating resource plus BESS may be offered either as a PPA with BESS or a BTA contractual agreement. For a PPA with BESS, the generating resource will be priced on a \$/MWh basis and the BESS will be priced as a \$/MW-month toll payment.</p> <p>Bids offering standalone storage proposals may be bid as a Tolling (contractual) Agreement or a BTA. Standalone storage pricing will be bid on a \$/MW-month toll payment.</p> <p>BTA bids shall include a proposed milestone payment schedule showing the timing and amount of all payments from PacifiCorp.</p> <p>A Bid may also include multiple transaction structures, for example a 50% PPA and 50% BTA Bid; however, 1) the Bids must be offered as a single combined Bid and not separately as multiple "contingent" Bids, and 2) all required bid documents including layouts, resource estimates, Appendix C-2s, interconnection studies etc. must support the transaction structure and be clearly articulated and delineated with respect to the PPA resource vis-à-vis the BTA resource. Confusing and ambiguous Bids will be given 2 days to cure and then deemed ineligible.</p>

³⁵ Longer terms matching a bidder's operational license will be accepted.

Labor Standard and/or Workforce Approach	For the purposes of determining bid fees, bidder may provide one free alternative Bid per Project Site. An alternative Bid may be submitted via a separate Appendix C-2 showing alternative pricing based on different subcontracting and hiring strategy consistent with certain state practices as described below.
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The Bid Fees will be used to cover the costs incurred by PacifiCorp in analyzing the proposals, including the costs of the Washington, Oregon and Utah IEs, the technical consultants, and legal advisors.

As mentioned above in the Bid Attribute section, Bidders will be allowed one free alternative Bid to provide alternative pricing for a different supplier, contractor/subcontractor strategy, labor standards or workforce and apprenticeship approaches consistent with one or more of the following, as applicable: California’s Rulemaking 18-07-003, Oregon’s HB2021, Washington’s RCW 82.08.962 and 82.12.962, and PacifiCorp’s Supplier Diversity goals.³⁶ Note that the State of Washington Clean Energy Transformation Act (CETA) includes certain tax incentives related to diversity hiring, and Oregon’s HB2021 requires a person who constructs or repowers a large-scale project sited in Oregon to provide a signed attestation of certain labor standards or project labor agreement at the time of contract finalization for development or construction of the project. Bidders may offer a second price for i) an alternative percentage of employees or labor during construction and ongoing operations, and/or ii) an alternative percentage of suppliers, contractors, subcontractors and that are veteran-owned and women-owned, minority-owned and LGBT-owned business enterprises.

In addition to the Bid Fees, a success fee ***may*** be charged to successful Bid(s) selected for the final shortlist. Success fees will only be required in the event Bid Fees are not sufficient to cover the incremental costs of the IE and other external consultants and service providers required in the contract development process. In no event may the success fee exceed the lesser of \$5,000 dollars per megawatt for each successful Bid or a capped at \$300,000 per Bid. The success fee applies to both benchmark and market bids. In the event success fees are required, documentation of the calculation of the success fee will be computed in cooperation with the IEs and provided to the bidder at the time the bid is selected to the final shortlist.

Payment of Bid Fees. Bid Fees must be paid by wire transfer to PacifiCorp. PacifiCorp will email wire transfer instructions to all bidders who have submitted a notice of intent to bid. Instructions will be emailed at least five (5) business days before the bid deadline. No cashier’s checks will be accepted. As a bid requirement, when the bid is submitted, Bidder ***must provide documentation*** of submitted Bid Fees, such as a pdf receipt of the wire transfer or wire transfer confirmation number. **The bid fee is non-refundable. After submission of bidder’s Bid, the bid fee will only be refunded if i) the Bid is withdrawn before the submittal due date, ii) the Bid does not meet the minimum eligibility requirements and the deficiency cannot be cured, or iii) the Bid is rejected for any other non-conformance before commencement of the evaluation and selection process.**

³⁶ Supplier Diversity (pacificorp.com): <https://www.pacificorp.com/suppliers/supplier-diversity.html>

H. BID NUMBERING AND FILE NAMING CONVENTION

Bid numbers will be self-assigned by bidder in accordance with the directives below. There is no limit to the number of Bids that may be submitted, subject to having paid the applicable Bid Fee in accordance with Section 3.G.

Bid numbers must be expressed as a whole number followed by one decimal place, beginning with the number 1.0. Each subsequent Bid will have a separate sequential bid number (i.e., 2.0, 3.0, etc.). Each Bid and corresponding bid number must be accompanied by a corresponding **Appendix C-2 – Bid Summary and Pricing Input Sheet**. For example, the initial Bid will be identified as “1.0” and the second Bid variation would be “2.0.”

File names should be kept short by using abbreviations wherever possible. All required documents must use the following naming convention:

[Abbreviated Bidder name]_[Bid number]_[Abbreviated_File_Description]

I. 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 Bids do not comply with these requirements, PacifiCorp has the option to deem the Bid non-conforming and eliminate it from further evaluation. Reasons for rejection of a bidder or its Bid include, but are not limited to:

1. Receipt of any Bid after the bid submittal deadline.
2. Failure to submit the required Bid Fee when due.
3. Failure to meet the requirements described in this RFP and provide all information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** of this RFP.
4. Failure to adequately demonstrate the viability of a COD on or before December 31, 2027, with the exception of long-lead resources as described in Section 1.A.
5. Failure to execute **Appendix G-1 – Confidentiality Agreement** and permit disclosure of information contained in the proposal to PacifiCorp’s agents, contractors, regulators, or non-bidding parties to regulatory proceedings consistent with terms of executed confidentiality agreement.
6. Any attempt to influence PacifiCorp in the evaluation of the proposals outside the solicitation process.
7. Failure to provide a firm offer through the bid validity date outlined in Section 3.E of this RFP.
8. Failure to disclose a commitment of any portion of the proposed resource to another entity.
9. Failure to disclose the real parties of interest in any submitted proposal.
10. Failure to clearly specify all pricing terms for each proposal.

11. Failure to offer product delivered to a point of interconnection or point of delivery on Company's transmission system in either its PACE and PACW balancing areas.
12. For any bid that is proposing to interconnect to a third-party transmission system and secure transmission service to deliver the output of the resource to PacifiCorp at PACE or PACW, failure to provide a system impact study by the third-party transmission provider as well as satisfactory evidence³⁷ that firm point-to-point transmission rights are already secured in bidder or project owner's name or readily obtainable by bidder to deliver the full output of the resource to PacifiCorp on or before December 31, 2027, detailing all actual or estimated transmission costs.
13. Failure to materially comply with technical specification requirements in **Appendix A – Technical Specifications and Required Submittals** for BTA proposals involving potential PacifiCorp ownership or operational control.
14. Failure to demonstrate a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long-lead time equipment.
15. Failure to demonstrate or represent compliance with PacifiCorp's prohibited vendors list.
16. Failure to demonstrate that it can meet the credit security requirements for the resource and commercial online date proposed.
17. Failure to submit information required by PacifiCorp to evaluate the price and non-price factors described herein.
18. Failure or inability to abide by the applicable safety standards.
19. Failure to submit an acceptable contract structure.
20. A determination by PacifiCorp that collusive bidding or any other anticompetitive behavior has occurred.
21. Bidder or proposed project being bid is involved in bankruptcy proceedings.
22. Failure of the bidder's authorized officer to sign the proposal cover letter as required in this document and without edits.

³⁷ Transmission service documentation to PacifiCorp's system is two-fold; firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system. Documentation should include copies of direct, dated correspondence from transmission service provider to bidder, showing evidence a request for transmission service was in fact made, and transmission provider is indicating to bidder that firm, uninterruptible transmission service will be available for bidder to procure, for a specified OATT service, and identified MW capacity, POR, POD, and term. Dated correspondence should be at least within 6 months of bid submittal.

23. Misrepresentation or failure to abide by Federal Trade Commission Green guidelines for renewable projects, if applicable.
24. Any change in law 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, if applicable, environmental attributes from the specified resource.
26. Failure to provide the minimum resource performance estimate information as described in Section 5.B. of the RFP.
27. Failure to provide a performance report and model output including hourly output values as identified in **Appendix C-3 – Energy Performance Report.**
28. Failure to provide **Appendix D – Bidder's Credit Information.**
29. Any bid that includes a requirement that PacifiCorp provide credit assurances.
30. In the case of a BTA bid, failure to submit an operations and maintenance proposal materially compliant with the applicable form included in **Appendix K – Operations and Maintenance Services.**
31. Failure to satisfy the requirements as set forth in Section 3.E.4, related to eagle and wildlife studies, agency coordination, eagle take permit(s), bat impacts/curtailment, deduction to resource production estimates, and/or general avoidance, minimization, and mitigation for wildlife impacts.
32. Failure to provide documentation of binding, exclusive site control for the project including the facility but excluding right-of-way or easements for interconnection, transmission or roads.³⁸
33. Failure of the project description in the bid to be consistent with project description in existing interconnection studies and/or executed LGIAs. In the event changes have been made to the proposed project bid as compared to what is described in the current interconnection documentation, bidder will need to provide documentation from PacifiCorp Transmission, or the applicable interconnection provider, that a material modification or interconnection re-study is not required that could materially impact the project costs or estimated in-service date.
34. In the case of a demand-side bid, failure to meet the requirements of PacifiCorp's 2021 Demand Response RFP included in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids.**
35. Failure of an Oregon-sited resource bidder to agree to provide attestations or Project Labor Agreements as specified by HB2021 and provisions in the pro forma contract agreements.

³⁸ Site control for the 2022AS RFP requires a definitive, exclusive and binding lease or purchase agreement or option agreement.

36. Failure to report, disclose and comply with OFAC Sanctions Lists and Government-Owned Enterprises, as set forth in the applicable provisions in the attached pro forma contract agreements.
37. Failure to agree to track and report to PacifiCorp bidder's use of diverse businesses including, but not limited to, women-, minority-, disabled-, and veteran-owned businesses, and for resources in Washington state, failure to track and report to the utility the firm's application of the labor standards in RCW 82.08.962 and 82.12.962.³⁹
38. Bidders agree to comply with Berkshire Hathaway Energy's Cyber Security Requirements, which may include prohibited vendors and compliance with enterprise security requirements as may evolve over the life of the proposed bid term.

SECTION 4. RFP CONTENT AND SUBMITTAL INSTRUCTIONS

A. ALL PROPOSALS

This section outlines the content and format requirements for all proposal structures. Bids that do not include the information requested as described in this section may be deemed ineligible for further evaluation if the bidder does not provide information within two (2) business days of a request by PacifiCorp in its sole discretion. PacifiCorp may deem information not relevant as determined by PacifiCorp in its sole discretion. All sections must be complete and in compliance with the RFP for the bid to be accepted.

B. GENERAL ORGANIZATION OF THE BID SUBMITTAL

All generation and storage resource bids must contain the following information and, to facilitate timely evaluation, must be organized as indicated below. The sections of each bid proposal must be as follows and are further described in this [Section 4](#) and **Appendix B-2 – Bid Proposal Instructions and Required Information**:

- Section 1 - Executive Summary of Proposal
- Section 2 - Resource Description
- Section 3 - Bidder's Qualifications
- Section 4 - Financial Information
- Section 5 - Pricing Proposal and Project Financing strategy, including tax credit strategy
- Section 6 - Interconnection & Transmission Service
- Section 7 - Environmental and Siting
- Section 8 - Contract Terms
- Section 9 - O&M Services Contract Terms (BTA Bid Only)
- Section 10 - Equity Summary

Demand-side bids must contain the information required in PacifiCorp's 2021 Demand Response RFP included in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**.

³⁹ WAC 480-107-075(3)

C. PPA AND TOLLING AGREEMENTS PROPOSALS

For new or existing generating and storage resources, PacifiCorp will consider transaction structures whereby the bidder develops the resource, assumes responsibility for construction and sells the power (and non-power attributes) to PacifiCorp on a long-term basis, pursuant to the terms of a PPA and/or a Tolling Agreement, which will include certain performance guarantees. The bidder will be responsible for all aspects of the development and construction of the facility, including, but not limited to, permitting, engineering, procurement, construction, interconnection and long-term asset management and operational costs. Without limiting the foregoing, the bidder will be responsible for obtaining all permits, rights and resources required to construct and operate the generation resource consistent with the bidder's proposal.

For existing resources, PacifiCorp will consider PPA transactions whereby the bidder sells the power (and non-power attributes) to PacifiCorp on a long-term basis, pursuant to the terms of a PPA, which will include certain performance guarantees. The bidder will be responsible for all aspects of the project's interconnection and the long-term asset management and operational costs. Without limiting the foregoing, the bidder will be responsible for obtaining all permits, rights and resources required to operate the generation resource consistent with the bidder's proposal.

If a proposed resource intends to interconnect to a third-party transmission system, the bidder will be responsible under the PPA to arrange and maintain firm point-to-point transmission service to deliver the full output of the PPA to a designated point of delivery on PacifiCorp's transmission system. Bidders must clearly articulate the point of delivery in their bid and include wheeling costs in their PPA price (see Section 3.I.12 of Minimum Eligibility Requirements FOR Bidders).

Tolling Agreements for standalone storage resources interconnecting with third-party systems will not be accepted.

Bidders interconnecting to PacifiCorp's transmission system shall demonstrate the facility's interconnection studies and interconnection agreement are consistent with the proposed renewable resource equipment, capacity, and configuration and will not require a material modification⁴⁰ or interconnection re-study such as, for example, a proposal to add a BESS to a project for which the existing interconnection materials do not contemplate incorporation of such a system.

Specific bid instructions are included in the RFP Appendices. In addition to the bid narrative and bid organization instructions in **Appendix B-2 – Bid Proposal Instructions and Required Information**, PPA and Toll bidders should reference the submittal checklist in **Appendix E-1 – PPA and Tolling Agreement Instructions to Bidders**.

The bidder's proposal must contain their redline to the applicable pro forma documents based on the specific bid: **Appendix E-2 – PPA Documents or Appendix E-3 Tolling Agreement Documents**. Note that the pro forma agreements are tailored for new resources and specific technologies; conforming changes may be required for existing resources or other types of

⁴⁰ As defined in PacifiCorp Transmission's OATT.

resources. The redline should contain all of Bidder's exceptions to the terms and conditions of the pro forma document. Bidders objecting to terms should provide alternate language and context to the objections for PacifiCorp to evaluate the alternate language. Bidders should submit comments to the pro forma agreement on issues that they have concerns with and identify alternatives to address the issues.

All bidders in this category must complete the information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** (PPA tabs listed in Appendix C-1).

PacifiCorp will accept transactions with generating and storage resources for 5 to 30 years. Pumped storage hydro and nuclear bids may submit a contract term longer than 30 years to match the bidder's operational license.

PacifiCorp reserves the right to request a bid's cash flow projection, if necessary, in order to evaluate the bid for capital lease accounting for tax purposes. Similarly, Bidder shall agree to providing certain financial and accounting information as stated in the pro forma documents included in **Appendix E-2 – PPA Documents** and **Appendix E-3 – Tolling Agreement Documents**.

D. BUILD TRANSFER AGREEMENT (BTA) PROPOSALS

PacifiCorp will consider build-transfer transactions whereby the bidder develops the resource, assumes responsibility for the development, construction and then ultimately transfers the project to PacifiCorp, pursuant to the terms of a BTA. The bidder will be responsible for all aspects of the development and construction of the facility, including, but not limited to, permitting, engineering, procurement, construction, interconnection and all related costs up to achieving commercial operation.

BTA bids will only be accepted for proposed resources that directly interconnect to PacifiCorp's system. BTA bids interconnecting with third-party systems will not be accepted. A bidder's interconnection study, or LGIA, if already executed, shall be consistent with the proposed renewable resource equipment and configuration, or else bidder shall provide documentation from PacifiCorp Transmission that a material modification will not be required.

Specific instructions are included in the **RFP Appendices**. In addition to the bid narrative and bid organization instructions in **Appendix B-2 – Bid Proposal Instructions and Required Information**, BTA bidders should reference the submittal checklist in **Appendix F-1 – BTA Instructions to Bidders**.

The bidder's proposal must contain their redline or other substantive comments to the BTA term sheet provided in **Appendix F-2 – BTA Documents**. Conforming changes may be required in **Appendix F-2 – BTA Documents** to reflect specific resource types. Bidders objecting to terms should provide alternate language and context to the objections for PacifiCorp to evaluate the alternate language. For the purpose of non-price scoring, PacifiCorp will consider the completeness of the BTA term sheet comments and redline, and more substantive comments will be addressed after selection to a final shortlist.

All bidders in this category must complete the information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** (BTA tabs listed in in Appendix C-1).

BTA bidders will be required to provide an attestation letter signed by an officer representing and warranting certain bid assumptions. For example, BTA bidders must provide sufficient information, representations, and warranties sufficient to assure PacifiCorp that any proposed

project will successfully complete construction and achieve full commercial operation by the required deadline. BTA projects must provide documentation that the proposed resource will be eligible to claim any applicable federal or state tax credits or other benefits⁴¹ as interpreted by applicable guidelines and rules of the federal Internal Revenue Service or applicable state revenue authority.

BTA bidders will be responsible for submitting an operation and maintenance (O&M) service proposal as part of the overall BTA bid submittal consistent with the applicable terms included in **Appendix K – Operation and Maintenance Services**. Any BTA proposal that does not include an O&M proposal that contains pricing, scope and other key terms will be rejected as a nonconforming proposal.

Bidders should note that any proposal submitted in this BTA category must comply with the applicable technical and construction specifications contained in **Appendix A – Technical Specifications and Required Submittals**⁴² and must use the services of a single primary contractor.

To the extent the bidder uses a contractor or a separate legal entity other than the bidder itself, this entity must be experienced with the type of facility being proposed and meet credit criteria which may include a requirement for a parental guarantee, all as deemed acceptable to PacifiCorp in its sole discretion.

E. DEMAND-SIDE RESOURCE PROPOSALS

PacifiCorp recently conducted a demand response RFP in 2021 and is working to contract and stand up significant demand response resources from that solicitation. In the event additional demand response resource need is identified, the Company may issue a voluntary targeted demand-side RFP in Q3 2022. For the purposes of the all-source RFP, demand-response resources are asked to follow the same process and complete the same documents as required by the 2021 demand response RFP in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**. The non-price score and minimum criteria used to evaluate demand-response resources bid into the 2022AS RFP are the same as that used for the 2021 demand response RFP, which is anticipated to be the same as that which would be used for the voluntary targeted demand response RFP.⁴³

Prior to issuing the voluntary targeted demand-side RFP, PacifiCorp will update and refine its requirements and description of resource need stemming from the 2021 IRP and incorporate learnings from the 2021 demand response RFP. PacifiCorp does not plan to re-procure resources

⁴¹ Bidders should provide specific details of claims for tax credits including legal opinions, equipment supply agreements, and documentation of ability to meet tax credit guidelines and rules.

⁴² PacifiCorp has included only common technical specifications and resource specifications for wind, solar, and BESS for BTA proposals. For other renewable resources, PacifiCorp will work through the resource specifications on an as needed basis.

⁴³ The non-price scoring in Appendix Q will be adjusted to be consistent with the 75/25 split in the Section 6 of the all-source RFP and will be consistent with any voluntary targeted RFP. To increase demand-side non-price scores from 20- to 25-points, an additional 5-point category for “Bid Submittal Completeness” will be added to the non-price scoring criteria in Appendix Q.

that were contracted from the 2021 demand response RFP. Demand response resources that bid into any voluntary targeted RFP would only be evaluated based on what is incremental to the Company's existing demand side resources. The Company will identify resources that are of particular interest to the Company at the time of issuance of any voluntary targeted RFP in Q3 2022 and provide guidance to bidders. PacifiCorp anticipates that the voluntary targeted RFP would include many of the same general requirements as the All-Source RFP, though, it may contain some additional requirements specific to customer located resources and evolving state-specific requirements. In the event incremental demand response resource need is identified in Washington state, PacifiCorp, in coordination with the IE, will update the all-source RFP Appendix Q to be consistent with the subsequently issued voluntary targeted RFP.

As part of the evaluation process, both the supply-side RFP and any demand response RFP bids will be input into PLEXOS and included in the final IRP portfolio analysis to determine a final shortlist.

SECTION 5. RESOURCE INFORMATION

A. BID INFORMATION AND PRICING INPUTS

Appendix C-2 – Bid Summary and Pricing Input Sheet is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing requirements for various bid types. Bidders should reference the instructions in **Appendix C-1 – Bid Summary and Pricing Input Sheet Instructions** which provides detailed directions on each tab. Bidders are required to complete and submit **Appendix C-2 – Bid Summary and Pricing Input Sheet**.

B. TECHNICAL SPECIFICATIONS

BTA Bidders are required to comply with technical specifications provided in **Appendix A – Technical Specification and Required Submittals** for BTAs.

C. RESOURCE PERFORMANCE ESTIMATE INFORMATION

Bidders are required to provide a resource performance estimate prepared by a third-party expert. PacifiCorp may accept in-house energy performance report contingent upon PacifiCorp being able to replicate the results.

Appendix C-3 – Energy Performance Report provides detailed directions for resource performance information by resource type.

D. DIRECT INTERCONNECTION TO PACIFICORP'S SYSTEM (ON SYSTEM BIDS)

All bidders are required to have completed an interconnection study. PacifiCorp requires that bidders submit all available interconnection studies and agreements, and any other required supporting documentation such as confirmations related to material modifications received from PacifiCorp Transmission. Off-system bidder requirements for interconnections are discussed in section 5.E below. PacifiCorp will review the bidder's interconnection documentation to confirm it aligns with the bidder's bid.

On-system bidders shall document in their bid and otherwise provide all estimated interconnection costs identified in their interconnection studies and agreements, including direct assigned and network upgrade costs. Bid prices shall include any estimated direct-assigned interconnection costs but shall exclude the estimated network upgrades costs. Although the network upgrade costs are not to be included in the bid price, the network upgrade costs will be provided to PacifiCorp and included in the utility's valuation models.

E. TRANSMISSION SERVICE FOR DELIVERY TO PACIFICORP'S SYSTEM (OFF SYSTEM BIDS)

PacifiCorp will not accept BTA bids for off-system bids. For off-system bid locations, PacifiCorp will only accept PPA or Tolling Agreement bids. PacifiCorp will consider new and existing resources, capable of interconnecting with a third-party transmission system and using firm point-to-point transmission service to deliver to PacifiCorp's transmission system at the bid's identified point of delivery. The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third-party transmission provider and documentation⁴⁴ of the availability of, and request for, long-term, firm point-to-point transmission service from the resource's point of interconnection with the third-party's transmission system to the bidder's designated point of delivery on PacifiCorp's system. Such identified arrangements must reasonably demonstrate that the full proposed output of the resource, as identified in the bid, can be delivered by December 31, 2027, or December 31, 2028, for long-lead time resources.

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 related to, but not limited to, any of the following: interconnection, variable energy resource, electric losses, reserves, transmission, integration, imbalance, scheduling, and ancillary service arrangements required to deliver to the bidder's selected 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.

Bid pricing for off-system bids on third-party transmission: Off-system bidders shall submit bid prices including all interconnection costs from the third-party interconnection provider, whether from a study or a signed interconnection agreement. Off-system bidders must also include in their bid price their estimated cost for wheeling energy to the proposed point of delivery on PacifiCorp's transmission system.

⁴⁴ Transmission service documentation to PacifiCorp's system is two-fold; firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system. Documentation should include copies of direct, dated correspondence from transmission service provider to bidder, showing evidence a request for transmission service was in fact made, and transmission provider is indicating to bidder that firm, uninterruptible transmission service will be available for bidder to procure, for a specified OATT service, and identified MW capacity, POR, POD, and term. Dated correspondence should be at least within 6 months of bid submittal.

In the event an off-system resource is awarded a PPA or Tolling Agreement, the contract will include appropriate provisions reflecting the Seller's obligation to timely arrange and maintain the necessary firm point-to-point transmission service facilitating delivery of the full output of the resource to the identified point of delivery, including associated events of default for failure to comply with such requirements.

F. NETWORK TRANSMISSION SERVICE ON PACIFICORP'S SYSTEM

All proposals will require firm transmission on PacifiCorp's network transmission system to deliver energy to load. Proposed resources must be able to be designated by PacifiCorp's merchant function as a network resource and eligible for inclusion in PacifiCorp's network integration transmission service agreement with PacifiCorp's transmission function (www.oasis.pacificorp.com). The terms and conditions specific to PacifiCorp's network transmission service request are further discussed in the pro forma PPA in **Appendix E-2 – PPA Documents**, the pro forma Tolling Agreement Term Sheet in **Appendix E-3 – Tolling Agreement Documents**, and the BTA term sheet in **Appendix F-2 – BTA Documents**.

G. TAX CREDITS AND/OR PROJECT INCENTIVES

Bidders bear all risks, financial and otherwise, associated with their - or their facility's - eligibility to receive any state or federal energy tax credits, sales tax waivers or exemptions, payment in lieu of tax (PILOT), or any other identified tax- or accounting-related, incentive, or benefit. The obligations of a bidder to perform under any executed agreement resulting from this solicitation remain effective and binding regardless of whether a bidder or facility is eligible for or receives tax credits or other tax- or accounting-related incentives or benefits.

For build-transfer (BTA) transactions, PacifiCorp will require written attestation by an officer of the bidding entity including documentation of the amount, timing and control of any and all available tax credits/incentives that the bidder's facility is eligible for, has applied for, and/or has received. Such documentation must include but not be limited to i) ownership rights to the credit, grant or incentive, and ii) timing including expiration dates and milestones to achieve the credit, grant, or incentive.

H. 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 are required to supply, upon request by PacifiCorp, any and all information that PacifiCorp reasonably requires in order to make these assessments if the bid is selected to the final shortlist. Specifically, given the term length of the PPA or Tolling Agreement, or the useful life of the asset to be acquired under an asset acquisition, accounting and tax rules may require either: (i) a contract be accounted for by PacifiCorp as a

financial lease or operating lease⁴⁵ for book purposes pursuant to ASC 842, (ii) a contract be accounted for by PacifiCorp as a capital lease for tax purposes,⁴⁶ or (iii) assets owned by the seller, as a result of an applicable contract, be consolidated as a variable interest entity (VIE).⁴⁷ Potential accounting or tax treatment impacts may be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a long term PPA or Tolling Agreement offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility. In the event PacifiCorp is required to consolidate the entity, PacifiCorp would contractually require sufficient financial information to be provided to do so.

I. 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 final shortlist evaluation. However, after completing the final 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 lease pursuant to ASC 842.

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

OVERVIEW OF THE EVALUATION PROCESS

PacifiCorp's bid evaluation and selection process is designed to identify the combination and amount of new resources that will maximize customer benefits through the selection of bids that will satisfy projected capacity and energy needs while maintaining reliability. The method for evaluating benchmark resources will be transparent, fair, and consistent with how market bids are evaluated with additional oversight by the IEs.

The 2021 IRP selected individual resources and optimized a preferred portfolio from a list of generic "proxy" resources to reliably meet PacifiCorp's energy and capacity needs across its six-state service territory. The PLEXOS portfolio optimization model that PacifiCorp will use to evaluate the 2022AS RFP bids and select the best combination and amount of bids is the same model that was used to evaluate proxy resources in PacifiCorp's 2021 IRP with limited updates for

⁴⁵ The terms "Financial Lease" and "Operating Lease" have the meaning assigned to such terms in the Accounting Standards Codification (ASC) 842 as issued and amended from time to time by the Financial Accounting Standards Board (FASB).

⁴⁶ See IRS Code Section 7701(e) describing the test for capital lease for tax purposes.

⁴⁷ The term "Variable Interest Entity" or "VIE" - has the meaning assigned to such term in ASC 810 as issued and amended from time to time by the FASB.

market conditions conducted with IE oversight. PacifiCorp uses PLEXOS to serve as a decision support tool that can be used to guide prudent resource acquisition paths that maintain system reliability at a reasonable cost.

At a high level, the 2022AS RFP evaluation process involves multiple phases:

1. Minimum criteria and bid eligibility.
2. Due diligence and non-price scoring.
3. Bid preparation for input into PLEXOS, including resource shaping.
4. PLEXOS modeling, including bid selection, portfolio optimization, reliability testing, price-policy scenario analysis, stochastic risk analysis and price scoring.
5. Combination of price and non-price scoring and ranking of preferred resources.
6. Sensitivities may be run as part of the state regulatory approval process.
7. Finally, state-specific resource analyses to comply with evolving regulations. Specific examples include: i) resources allocated to Washington will be measured by certain non-energy benefits and community benefit indicators in compliance with CETA, and ii) small-scale renewables (under 20 MW) will be considered for purposes of satisfying AR 622 Small Scale Renewable Standard in Oregon.

The final shortlist will be selected following a series of PLEXOS model analyses based on a combination of price and non-price factors as weighted in Table 2.

Table 2. Scoring to Determine the Final Shortlist

	Maximum Score
1. Price	75 points
2. Non-price score	25 points

Price scores are determined using PLEXOS model outcomes in accordance with **Appendix R - Bid Scoring and Modeling**. Non-price scores are determined using a non-proprietary, self-scoring matrix. Developers will be asked to grade themselves as part of their bid package, which PacifiCorp will audit before determining a final non-price score for each bid.

The 2022AS RFP evaluation process is shown in Figure 1 and Figure 2. More detail on the price and non-price score methodology is provided below.

Figure 1. Bid Evaluation and Selection Process – Generation and Storage Resources

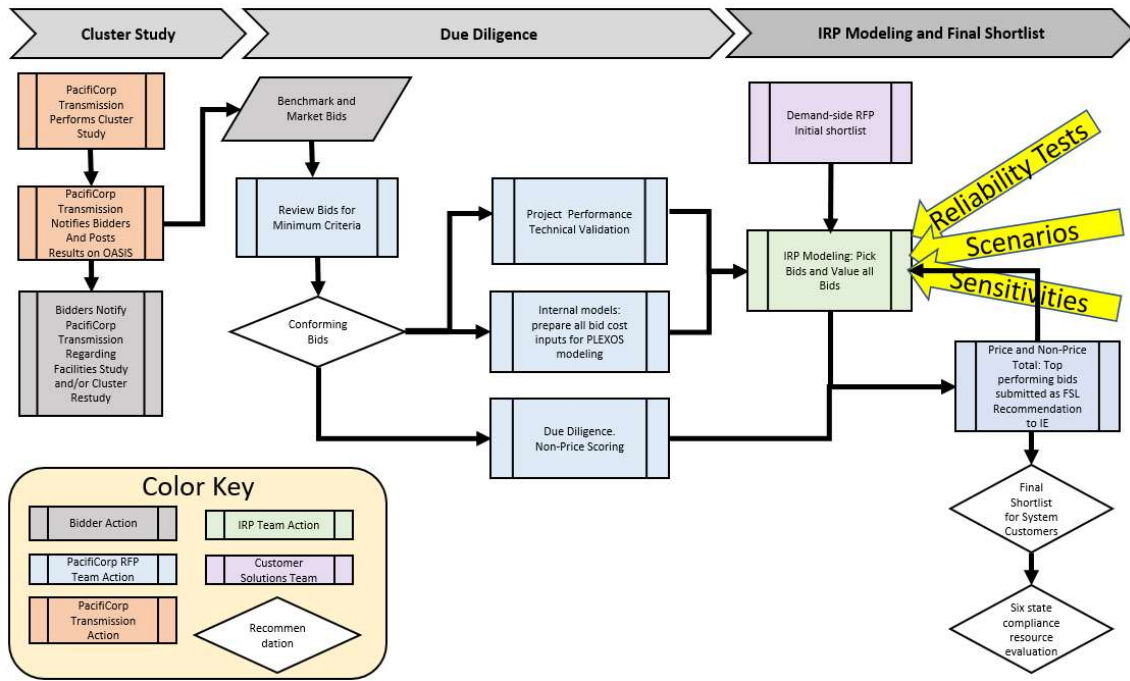
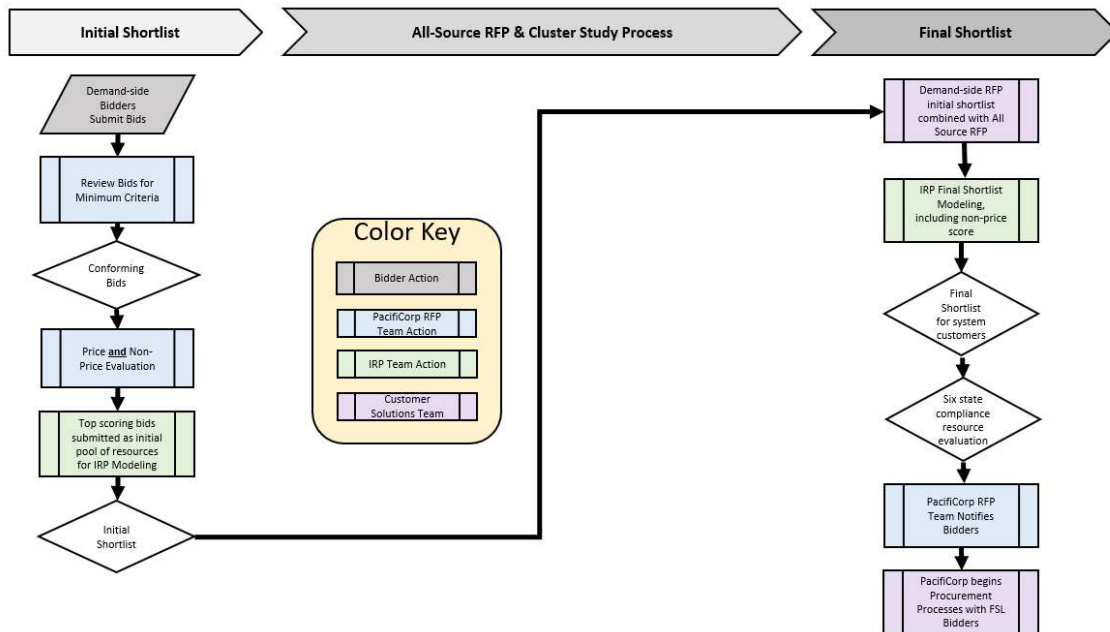


Figure 2. Bid Evaluation and Selection Process – Demand-side Resources



A. BID ELIGIBILITY: CONFORMANCE TO MINIMUM REQUIREMENTS

Benchmark and market bids will initially be screened after receipt against minimum requirements to determine RFP conformance and eligibility. After IE review and consultation, non-conforming bids will be notified to correct their bid within two (2) business days or be removed from the RFP.

Consistent with OR 860-089-0400 (2), non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

B. DUE DILIGENCE AND NON-PRICE SCORING

After PacifiCorp has screened for eligibility, conforming bids will be evaluated according to the non-price criteria in Table 3. PacifiCorp’s review will focus on i) identifying bid attributes that would prevent PacifiCorp from reaching a contract with Bidder and ii) identifying bid deficiencies that would prevent the resources from coming online by the required deadline.

Table 3. Non-Price Factor Weighting

Non-Price Factors	Maximum Non-Price Factor Points
1. Bid Submittal Completeness	5 points
2. Contracting Progress and Viability	5 points
3. Project Readiness and Deliverability	15 points
TOTAL NON-PRICE SCORE	25 points

As part of their bid response, bidders will have self-scored their bids using the non-price scorecard, which will be audited and verified by PacifiCorp prior to giving each bid a non-price score. PacifiCorp reserves the right to contact a bidder to seek clarification and support for the bidder’s self-score. Bidders will have two business days to provide information requested by PacifiCorp to verify the self-scores.

A maximum of 25 points will be allocated for non-price score⁴⁸. The non-price evaluation rubric is included in **Appendix L – Non-Price Scoring Matrix**.⁴⁹ For each non-price factor, proposals will be assigned a one or a zero. PacifiCorp’s non-price scoring model evaluates whether bids are thorough and comprehensive, whether the proposed resource is viable, and whether the bidder is likely to achieve commercial operation by December 31, 2027 (or December 31, 2028, for long-lead time resources), or the proposed COD. The non-price rubric is designed to be objective, intuitive, and self-scoring. As a bid requirement, bidders are required to score themselves based on the completeness of RFP bid requirements, the ability to contract with the resource, and the maturity of the project and ability of the bidder to deliver the resource by the commercial operation deadline.

The first section of non-price scoring model is similar to a check list and grades bids based on completion of bid requirements such as providing complete, thorough and consistent responses. The second section grades bidders based on the ability to contract the resource bid. The third section of the non-price scoring model assesses each bid’s development status and viability. Points are earned based on degree of site control, permits attained, completed equipment

⁴⁸ The same weighting for price and non-price scoring will be used for demand-and supply-side bids. Non-price scores will be worth up to 25 points and price scores will be up to 75 points. All references in Appendix Q will be updated to reflect the 75/25 weighting.

⁴⁹ OAR 860-089-400-2(b).

sourcing strategy and other development and operational characteristics such as dispatchability and having a reasonable construction schedule.

PacifiCorp confirms that the non-price scoring is compliant with OAR 860-089-0400(2), non-price factors. Non-price scores primarily relate to resource characteristics identified in the Company's most recent acknowledged IRP Action Plan and reflect standard form contracts. Non-price scoring criteria is objective and reasonably subject to self-scoring analysis by bidders. Non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

PacifiCorp requests that all resources complete the equity questionnaire in **Appendix P – Equity Questionnaire tabs 1 and 2**. Bids located in PacifiCorp's California, Washington and Oregon service territory will earn points in the non-price scorecard consistent with the following state policies:

- For resources located in California, PacifiCorp has a preference for renewable energy projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases when ranking projects. As described in Section 3.G of the RFP, bids located in PacifiCorp's California service territory may provide a free bid alternative meeting a supplier diversity target for women-owned, minority-owned, disabled veteran-owned and LGBTQ-owned business enterprises and we encourage the bidder to register with California's supplier clearing house.
- Resources in Oregon will be required to provide attestations consistent with HB2021 in order to demonstrate their intent to meet the requirements of HB2021, including but not limited to apprenticeship and workforce requirements.
- Small-scale and distributed supply-side renewable resources under 20 MW which contribute to Washington's CETA goals and PacifiCorp's requirement under the AR 622 Small Scale Renewable Standard.
- When considering resources allocated to Washington customers, PacifiCorp has a preference for projects that provide environmental and economic benefits to highly impacted communities and vulnerable populations. When considering resources to be allocated to Washington customers, **Appendix P – Equity Questionnaire** responses will be used in the final phase of the evaluation process to measure Washington customer benefit indicators as part of Washington's CETA. As resource allocations are not yet known, PacifiCorp requests that all bidders complete Tab 2 of Appendix P- Equity Questionnaire to the best of their knowledge and ability.

C. BID PREPARATION INTO PLEXOS AND RESOURCE SHAPING

Both supply-side and demand-side resources will be prepared and uploaded into PLEXOS. PacifiCorp uses its proprietary excel models to process bid costs for input to PLEXOS modeling with oversight by the IEs. PacifiCorp's proprietary excel file will be used to prepare supply side bids by creating levelized costs for each eligible bid to be included in PLEXOS.

Consistent with the treatment of capital revenue requirement in PacifiCorp's IRP modeling, PacifiCorp will convert any calculated revenue requirement associated with capital costs, as applicable (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 non-capital revenue

requirement in PacifiCorp’s IRP modeling, all other bid costs will be summarized in nominal dollars and formatted for input into to the IRP models.

PacifiCorp’s proprietary excel model will calculate the delivered revenue requirement cost of each bid, inclusive of any applicable carrying cost and net of tax credit benefits, all operations and maintenance expenses, property taxes, generation taxes, direct assigned interconnection costs and PacifiCorp Transmission estimated network upgrade costs, as applicable (see Table 4). In developing the delivered cost for each bid, PacifiCorp requires certain cost data as inputs to the bid preparation model. Table 4 contains a summary of the cost / benefit components included in PacifiCorp’s bid preparation model by bid structure.

Table 4. Summary of Net Cost Components by Bid Structure

Component	PPA	Tolling	BTA	Benchmark
Initial Capital Revenue Requirements (net of ITC, if solar)	-	-	(X)	(X)
Ongoing Capital Revenue Requirements	-	-	(X)	(X)
PTC Schedule Benefit (if wind)	-	-	X	X
Terminal Value ⁵⁰	-	-	X	X
O&M, Lease/Royalty, Insurance	-	-	(X)	(X)
Property Taxes	-	-	(X)	(X)
State Generation Tax (if Wyoming or Montana)	-	-	(X)	(X)
Network Upgrade Revenue Requirements	(X)	(X)	(X)	(X)
PPA Price Schedule ⁵¹	(X)	-	-	-
Storage Costs (Toll or Call Option Price Schedule for PPA/Tolls, or capital cost schedule for BTAs)	(X)	(X)	(X)	(X)
Integration Cost	(X)	-	(X)	(X)

*Demand-side resources will be evaluated on a cost of capacity basis net of benefits specific to state cost-effectiveness requirements.

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, and reviewed by the IEs prior to finalizing

⁵⁰ The terminal value assumptions included in the evaluation of utility-owned resources are limited to three components: 1) the remaining usable life for transmission assets (62-year useful life); 2) the remaining usable life of non-transmission assets (land and improvements) (30 year life); and 3) the remaining value of development rights (30 year life)

⁵¹ Price scheduled included in Appendix C-2 shall include all development, financing, construction, operations and maintenance costs, including the cost of providing security required in the proforma agreements.

the bid preparation model for PLEXOS. Bids with different price structures and terms will be normalized prior to uploading into PLEXOS.⁵²

Projected renewable resource performance data (expected hourly capacity factor information) and degradation schedules will also be processed for input into the PLEXOS model. PacifiCorp will process verified capacity factors for inclusion in the production cost models. Upon determination of bid eligibility, PacifiCorp will engage a third-party subject matter expert to verify the capacity factor of the proposed wind and solar resources meeting the RFP eligibility criteria, consistent with Oregon rule 860-089-0400 5(a), so that technical due diligence is completed in parallel with the non-price scoring effort and so that validated resource estimates are ready and available to be input into PLEXOS.

As part of the preparation for inputting bid results into PLEXOS, bidder's resource estimates by hour (i.e., 8760s) will be re-shaped based on a similar technology and location present in the 2018 reference year, consistent with the methodology used in the 2021 IRP.

D. PLEXOS ANALYSIS: BID SELECTION AND PORTFOLIO OPTIMIZATION

The IRP team will evaluate the bids using PLEXOS, the same production cost models used in the 2021 IRP. The IRP production cost models will select the optimized portfolio of resources proposed as part of the 2022AS RFP as well as any demand-side bids received as part of the voluntary targeted demand-side RFP issued by Q3 2022. The IRP modeling tools will select from the supply-side and demand-side bids the least cost resources based on bid cost and performance data.

PacifiCorp will not make any of the IRP evaluation models available to the IEs, bidders, or stakeholders. However, PacifiCorp will summarize for the IEs how the IRP evaluation models function, and the IEs will be provided with the inputs and outputs of PLEXOS model runs used during the evaluation process.

1. Bid Resource Portfolio Development

The PLEXOS model is used to develop an optimized portfolio of resources and candidates for the final shortlist. PacifiCorp uses PLEXOS to develop, test and evaluate the cost of multiple resource portfolios including sensitivities to understand the relative performance of portfolio and resource alternatives under certain conditions.

2. Reliability Tests

PacifiCorp will perform a reliability assessment to ensure that the selected portfolio of resources can meet all hourly load and operating reserve requirements with sufficient margin⁵³ to account for other system uncertainties such as non-normal weather events.

⁵² R746-420-3(4)(c)

⁵³ Consistent with the reserve requirements in the 2021 IRP.

Should incremental flexible resource capacity be required to maintain system reliability, additional resources will be selected from the bids that are capable of providing incremental flex capacity to hit the targeted reliability requirements.

3. Price Policy Scenarios and Risk Analysis

PacifiCorp evaluates portfolios under a range of different environmental policy and market price scenarios (policy-price scenarios).⁵⁴ PLEXOS calculates the stochastic mean present value revenue requirement (PVRR) and the risk-adjusted PVRR for various policy-price scenarios⁵⁵ to help identify whether top-performing portfolios exhibit especially poor performance under the range of scenarios. PacifiCorp summarizes and analyzes the portfolios to identify the specific bid resources that are most consistently selected among the policy-price scenarios.

In this way, PacifiCorp uses PLEXOS to optimize its selection of bid resources to identify the lowest cost, reliable portfolio under multiple scenarios for further consideration as part of the final shortlist process. PacifiCorp may select one or more 2022AS RFP resource portfolios for further scenario risk analysis.

PacifiCorp uses PLEXOS to test each portfolio and evaluate its ability to perform under dynamic weather and market conditions. PLEXOS measures the stochastic risk of each portfolio through its production cost estimates. By holding a resource portfolio fixed and using Monte Carlo simulations of stochastic variables, including load, wholesale electricity and natural gas prices, hydro generation, and thermal unit outages, PLEXOS can measure the expected cost of each portfolio in an uncertain future.

4. Price Scoring

PLEXOS will calculate the relative system costs and benefits of each resource included in the model for evaluation. The operational characteristics of every bid will be included in the model so that PLEXOS will generate a value stream specific to each bid that will then be used to calculate a price score in accordance with **Appendix R - Bid Scoring and Modeling**.

More information about bid modeling techniques and price scoring, including an example of how the bid scoring will work, may be found in **Appendix R**.

⁵⁴ Policy-price scenarios will be conceptually consistent with those used in the 2021 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 benchmark bids are received and opened.

⁵⁵ 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 PLEXOS. The risk-adjusted metric adds 5% of system variable costs from the 95th percentile to the stochastic mean. The risk-adjusted metric incorporates the expected value of low-probability, high-cost outcomes.

E. FINAL SCORING AND RANKING TO RECOMMEND FINAL SHORTLIST

Following the PLEXOS analysis to select resources and determine price scores for each of the bids, PacifiCorp will combine the price and non-price scores to generate a total final bid score and ranking for each bid (both supply side and demand side bids). In the event that the ranked bids are inconsistent with the selected resources and preferred portfolio resulting from the PLEXOS performance optimization models, in coordination with the IEs, PacifiCorp will investigate the discrepancy(ies) and may add or remove resources and run additional iterations of PLEXOS including, but not limited to, reliability tests and price-policy scenarios.

When considering tiebreakers for inclusion in the final shortlist, PacifiCorp will give preference to renewable energy and demand-side resources that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases when ranking projects.⁵⁶

PacifiCorp will hold regular meetings with the IEs both in the preparation process for preparing model inputs and analyses and after proposals are received during the evaluation and selection process. Before establishing a final shortlist, the IEs will be provided all bid preparation files and all of the PLEXOS outputs in order to evaluate the scoring and selection process. PacifiCorp may take into consideration, in consultation with the IEs, 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.⁵⁷

PacifiCorp will summarize and evaluate the results of its scenario risk analysis, considering PVRR results, to identify the specific least-cost, least-risk bids in consideration of non-price scores. Based on these data and certain other factors as described above, and in consultation with the IEs, PacifiCorp may establish a final shortlist.

Selection of the final shortlist will not be conditioned on the results of any future restudy arising out of the applicable PacifiCorp Transmission cluster study process.

After the final shortlist is established and approved, PacifiCorp will engage in negotiations with the selected bidders to finalize their contract and prepare the contract for execution. 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.

⁵⁶ Pub. Util. Code § 399.13(a)(5)(7)(A) requires the following: “In soliciting and procuring renewable energy resources for California based projects, each electrical corporation shall give preference to renewable projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants and greenhouse gas emissions.”

⁵⁷ Will provide footnote to UT, OR, WA, and CA requirements prior to RFP issuance.

F. BENCHMARK BID CONSIDERATIONS

In compliance with Oregon rule 860-089-0350, prior to receiving and evaluating market bids, PacifiCorp will i) complete due diligence and non-price scoring for all benchmark bids and forward such models and result to the IEs, ii) complete the bid preparation models for each benchmark resource and upload them into PLEXOS and iii) run the performance optimization and provide initial pricing for each benchmark bid relative to proxy resources. The non-price scores, bid preparation model inputs, PLEXOS output, and initial price scores will be provided to the IE and filed with the Commission prior to opening market bids.

After PacifiCorp received market bids, PLEXOS will be re-run comparing all benchmark and market bids to provide a final price score for each benchmark and market bid. PacifiCorp will apply the same assumptions and bid scoring and evaluation criteria to the benchmark bids that are used to score other bids. Prior to opening and scoring the market bids, PacifiCorp will have filed with the Commission, and submitted to the IEs for review and comment, its detailed bid preparation models and non-price scores for the benchmark resources developed in consultation with the IEs and any other supporting cost or related information.

The Benchmark bids will be validated by the IEs and no changes to any aspect of the Benchmark bids by PacifiCorp will be permitted after the filing and receipt of market bids. All relevant costs, assumptions, model inputs and characteristics of the Benchmark bids will be validated by the IEs prior to receiving any of the bids and are not subject to change during except as provided herein.

Benchmark bids will not be subject to change unless updates to other bids are permitted. If, during the course of the RFP process, the Commission or the IEs determines that it is appropriate to update any bids, PacifiCorp will make the equivalent update to the score of the benchmark resource.

PacifiCorp and the IEs will file under protective order(s) an assessment of the benchmark scores as well as cost and other information as required.

In this way, in compliance with Washington rule 480-107-024(3), PacifiCorp will not disclose the contents or results of competing market bids to personnel involved in developing the utility's benchmark bids. Further in compliance with Utah rule R746-420-3(3)9e), by completing the due diligence and scoring of Benchmark bids prior to accepting market bids, PacifiCorp assures that resource evaluations will be conducted in a fair and non-preferential manner.

G. STATE REGULATORY CONSIDERATIONS

Following the final shortlist selection, PacifiCorp may consider resources additions and changes required for state compliance purposes.

For example, to address Washington's CETA requirements, in consultation with the IE, PacifiCorp will evaluate the final shortlist bids designated in part to serve Washington customers. As part of the Section 6 Evaluation and Selection Process, PacifiCorp will have established a price and non-price score for each bid. A bidder may have offered an alternative diversity strategy with a different supplier, contractor or workforce diversity target and a different price for a proposed resource. PLEXOS, during the price scoring step of the evaluation process will have established a

price score for each bid alternative. Similarly, each of the alternatives may have a different non-price score based on the unique diversity strategy and other attributes. In the event that the total ranking (combination of price and non-price score) for one of the bid alternatives for the resource is selected for the final shortlist based on its total score and ranking in consideration of the PLEXOS portfolio optimization recommendations, then PacifiCorp will consider the bid alternatives. In the event that one of the bid alternative offered a diversity strategy more compatible with CETA goals, PacifiCorp would, in coordination with the IE, analyze the incremental cost of the preferred bid alternative and may recommend moving forward with a higher cost, more favorable resource bid alternative to address Washington’s CETA goals, with the understanding that any incremental cost will be allocated to Washington customers.

It is in this state regulatory consideration step that PacifiCorp will review the recommended list of renewable and non-emitting resources to be assigned to Washington customers and consider the Appendix B-2, Section 10 bid narrative responses as well as the Appendix P Equity Questionnaire responses. In accordance with WAC 480-107-035, PacifiCorp will review the Equity Questionnaire for each resource and evaluate the associated risks and benefits to vulnerable populations and highly impacted communities associated with those bids. PacifiCorp, in consultation with the IE, may add or replace resources allocated to Washington customers in order to meet CETA goals. Per CETA rules, the incremental cost associated with those resources would later be assigned to Washington customers. If for example, a demand-side bidder offers a program to increase the number of households/businesses who will participate/enroll in demand response, load management, and behavioral programs as a result of this proposed resource, and if the bid offered a unique opportunity to contribute to PacifiCorp’s customer benefit indicators in Washington, yet was not recommended to the final shortlist due to its price and non-price score ranking, then PacifiCorp, in coordination with the IE, may recommend adding such a resource on behalf of Washington customers, so long as the incremental cost would be assigned to Washington customers.

As part of the state regulatory consideration step related to Oregon, PacifiCorp will consider small-scale and distributed supply-side resources under 20 MW which were not selected to the final shortlist but which might be purchased on behalf of Oregon customers to contribute to the Company’s AR 622 requirements.

H. RESOURCES NOT SELECTED TO FINAL SHORTLIST

Following PacifiCorp’s selection of resources for system customers and any additional resources required to meet specific state compliance obligations, PacifiCorp may conduct a secondary process to match renewable resource bids that are not chosen to the final shortlist to customers interested in voluntary renewable programs. This secondary, discretionary process shall have no bearing on the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements.

SECTION 7. AWARDING OF CONTRACTS

A. INVITATION

This RFP presents only an opportunity for bidders 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. Waive any irregularity or informality on any proposal to the extent not prohibited by law.
7. Reject any or all proposals in whole or in part.
8. Vary any timetable.
9. Conduct any briefing session or further RFP process on any terms and conditions.
10. Withdraw any invitation to submit a response.

B. BASIS OF REJECTION

Proposals may be rejected for any reason including but not limited to not meeting the minimum eligibility requirements identified in Section 3.1 of this RFP.

C. NON-RELIANCE LETTER

All parties will be required to sign **Appendix G-2 - Non-Reliance Letter** if they qualify for the final shortlist.

D. POST-BID NEGOTIATION

PacifiCorp will negotiate final contract terms following issuance of the final shortlist. PacifiCorp will include in its final evaluation prior to contract execution 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.

PacifiCorp has 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 does not in any way prevent 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 that propose transactions that PacifiCorp believes in its sole discretion have a reasonable likelihood of being executed.

E. SUBSEQUENT REGULATORY ACTION

Unless mutually agreed between the parties in a definitive agreement or unless required by actual (or proposed) law or regulatory order, 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.

F. RFP RESULTS

PacifiCorp will comply with Washington and Oregon rules for posting of the RFP results. Washington requires a summary of each bid be posted within thirty (30) days after the close of the bidding period. Oregon requires after execution of all contracts or cancellation of the RFP that 1) individual bidder's score be made available to the bidder, upon request,⁵⁸ and 2) a publicly available filing be made in the Oregon RFP docket providing the average bid score and the average price of the final shortlist by resource type.⁵⁹

⁵⁸ OAR 860-089-500(6)

⁵⁹ OAR 860-089-500(5)

Version: UM2193 – Response Filing
Date: April 11, 2022



**2022 All-Source Request for Proposals
(2022AS RFP)**

**Appendices A-Q
Umbrella Document**

Summary of 2022AS RFP Appendices A-Q	Appendix Title	Included Below or Separate Attachment	Informational or Required Submittal	Excel Attachment
Appendix A	Technical Specifications and Required Submittals	Included Below	Both, noted by Sub-appendix below	
Appendix A-1.1	Appendix A - Technical Specifications Matrix	Separate Attachment	Informational	Excel
Appendix A-1.2 (BTA)	Wind Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.3 (BTA)	Wind Work Specifications – Observation Tower	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.4 (BTA)	Solar Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.5 (BTA)	HV Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.6 (BTA)	Battery Energy Storage System Technical Specification	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-2	Interconnection Studies and Agreements	Included Below	Required Submittal	
Appendix A-3	Permitting Matrix	Separate Attachment	Required Submittal	Excel
Appendix A-4.1 (BTA)	Contract Safety Plan Requirements	Separate Attachment	Informational	
Appendix A-4.2 (BTA)	Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	
Appendix A-5	Project Single-Line Drawing and Layouts	Included Below	Required Submittal	
Appendix A-6 (BTA)	Division of Responsibility	Separate Attachment	Required Submittal	Excel
Appendix A-7 (BTA)	General Technical Specifications	Separate Attachments (A-7.01 through A-7.23)	Informational (or exceptions via submittal)	
Appendix A-7.01 (BTA)	Project Document Formatting and Requirements	Separate Attachment	Informational	
Appendix A-7.02 (BTA)	Document Deliverables	Separate Attachment	Required Submittal	Excel
Appendix A-7.03 (BTA)	General AutoCAD Drafting Standards (Spec DCAP876)	Separate Attachment	Informational	
Appendix A-7.04.1 (BTA)	EBU PX-S01-S01A Substation Equipment—Power Transformer	Separate Attachment	Informational (or exceptions via submittal)	

Version: UM2193 – Response Filing
Date: April 11, 2022

Appendix A-7.04.2 (BTA)	EBU PX-S02 Substation Equipment—Collector Substation Main Power	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.04.3 (BTA)	ZS-102 Two-Winding Dist Transformer Specification	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.05 (BTA)	EBU SI-S04 Electrical Equipment-Insulating Oil.	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.06 (BTA)	EBU SI-S02 Wind, Ice, and Seismic Withstand	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.07 (BTA)	EBU SI-S03 Contaminated-Environment Protection	Separate Attachment	Informational	
Appendix A-7.08 (BTA)	Procedure SP-TRF-INST Transformer Installation	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.09 (BTA)	TD051 Danger Sign	Separate Attachment	Informational	
Appendix A-7.10.1 (BTA)	Engineering Handbook Part 6B 5 Fence Application and Construction	Separate Attachment	Informational	
Appendix A-7.10.2 (BTA)	Section 02810 Chain Link Fencing and Gates	Separate Attachment	Informational	
Appendix A-7.10.3 (BTA)	Section 02815 Cantilever Slide Gate	Separate Attachment	Informational	
Appendix A-7.11 (BTA)	Engineering Handbook Park 6B 6 Substation Grounding	Separate Attachment	Informational	
Appendix A-7.12 (BTA)	GEN-ENG-RELAY-0001 Protective Relaying Requirements for New Plants	Separate Attachment	Informational	
Appendix A-7.13 (BTA)	GEN-ENG-RELAY-0002-Arc Flash Requirements for New Plants	Separate Attachment	Informational	
Appendix A-7.14 (BTA)	GEN-ENG-RELAY-0003 CT and PT Integrity Test	Separate Attachment	Informational	
Appendix A-7.15 (BTA)	GEN-ENG-RELAY-1003 Protective Relay Maintenance and Testing PRC 005	Separate Attachment	Informational	
Appendix A-7.16 (BTA)	Relay Testing and Commissioning Checklist	Separate Attachment	Informational	
Appendix A-7.17 (BTA)	Relay Installation Procedure GPCP-EQPMNT-INST	Separate Attachment	Informational	
Appendix A-7.18 (BTA)	Current Transformer Installation Procedure GPCP-CT-INST	Separate Attachment	Informational	
Appendix A-7.19 (BTA)	Current Transformer Installation Form GPCF-CT-INST	Separate Attachment	Informational	Excel
Appendix A-7.20 (BTA)	SG001 Substation High-Voltage Warning Signs	Separate Attachment	Informational	
Appendix A-7.21 (BTA)	EXHIBIT Xv4 Substation Equipment Installation	Separate Attachment	Informational	

Version: UM2193 – Response Filing
Date: April 11, 2022

Appendix A-7.22.1 (BTA)	SV 251 Bird and Animal Protection for Miscellaneous Equipment	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.22.2 (BTA)	SV 001 Bird and Animal Protection—General Information	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.22.3 (BTA)	SV 002 Bird and Animal Protection—General Installation Instructions	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.23 (BTA)	Volume 8 Consultant Drafting Procedures and Standards	Separate Attachment	Informational	
Appendix A-8 (BTA)	Real Estate Specifications	Separate Attachment	Required Submittal	
Appendix A-9	Equipment Supply Matrix	Separate Attachment	Required Submittal	Excel
Appendix A-10 (BTA)	Plant Performance Guarantee	Included Below	Required Submittal	
Appendix B-1	Notice of Intent to Bid Instructions	Included Below	Requested Submittal	
Appendix B-1.1	NOI Excel Spreadsheet	Separate Attachment	Requested Submittal	Excel
Appendix B-2	Bid Proposal Instructions and Required Information	Included Below	Required Submittal	
Appendix C-1	Bid Summary and Pricing Input Sheet Instructions	Included Below	Informational	
Appendix C-2	Bid Summary and Pricing Input Sheet	Separate Attachment	Required Submittal	Excel
Appendix C-3	Energy Performance Report	Included Below	Required Submittal	
Appendix D	Bidder’s Credit Information	Included Below	Required Submittal	
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders	Included Below	Informational	
Appendix E-2.1	PPA Documents – Generating Resource Only	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix E-2.2	PPA Documents – Collocated Generating Resource with Energy Storage	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix E-3	Tolling Agreement Documents	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix F-1 (BTA)	BTA Instructions to Bidders	Included Below	Informational	
Appendix F-2 (BTA)	BTA Documents	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	

Appendix G-1	Confidentiality Agreement	Included Below	Required Submittal	
Appendix G-2	Non-Reliance Letter	Included Below	Informational (Required at Final Shortlist)	
Appendix H-1	2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections	Included Below	Informational	
Appendix H-2	2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections	Included Below	Informational	
Appendix H-3	PacifiCorp Transmission: Summary of OASIS queue positions	Separate Attachment	Informational	Excel
Appendix I	Standards of Conduct; Separation of Functions	Included Below	Informational	
Appendix J	PacifiCorp Transmission Waiver	Separate Attachment	Requested Submittal	
Appendix K (BTA)	Operations and Maintenance Services	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix L	Non-Price Scoring Matrix	Separate Attachment	Required Submittal	Excel
Appendix M	Role of the Independent Evaluator	Included Below	Informational	
Appendix N	PacifiCorp's Organization for RFP Process	Included Below	Informational	
Appendix O	PacifiCorp's Company Alternative (Benchmark Resource)	Included Below	Informational	
Appendix P	Equity Questionnaire	Separate Attachment	Requested Submittal (Required for Washington)	Excel
Appendix Q (demand-side)	2021 Demand Response RFP – Requirements for Demand-side Bids	Included Below	Both, noted by Sub-Appendix below	
Appendix Q-1 (demand-side)	Professional Services Contract	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix Q-1.01 (demand-side)	Contract Exhibit A – Scope of Work and 2021 Demand Response RFP	Separate Attachment	Informational (or exceptions via submittal)	
Appendix Q-1.02 (demand-side)	Contract Exhibit B – Pricing and Performance Template	Separate Attachment	Required Submittal as applicable	
Appendix Q-1.03 (demand-side)	Contract Appendix B – Demand Side Tech Requirements	Separate Attachment	Informational (or exceptions via submittal)	Excel
Appendix Q-1.04 (demand-side)	Contract Exhibit C – Form of Acceptable Letter of Credit	Separate Attachment	Informational	
Appendix Q-1.05 (demand-side)	Contract Exhibit D – Form of Purchase Order	Separate Attachment	Informational	

Version: UM2193 – Response Filing
 Date: April 11, 2022

Appendix Q-1.06 (demand-side)	Contract Exhibit E – Statutory Form of Lien and Claim Release California Work	Separate Attachment	Informational	
Appendix Q-1.07 (demand-side)	Contract Exhibit F – Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	
Appendix Q-1.08 (demand-side)	Contract Exhibit G – Expense Report Requirements for PacifiCorp Contractors	Separate Attachment	Informational	
Appendix Q-1.09 (demand-side)	Contract Exhibit H – Diversity Subcontractor Spend Report	Separate Attachment	Informational	Excel
Appendix Q-1.10 (demand-side)	Contract Exhibit I - Prohibited Vendors	Separate Attachment	Informational	
Appendix Q-1.11 (demand-side)	Contract Appendix 1 Contractor Vendor Information Form	Separate Attachment	Informational	
Appendix R	Bid Scoring and Modeling	Included Below	Informational	
Appendix R-1	Bid Scoring Example	Separate Attachment	Informational	Excel
Appendix S	Berkshire Hathaway Energy Cyber Security Requirements	Included Below	Informational	
Appendix S-1	Berkshire Hathaway Energy Cyber Security Attestation	Included Below	Required Submittal	Excel

Table of Contents: 2022AS RFP Appendices A-Q Umbrella Document (hyperlink):

APPENDIX A 2022AS RFP Technical Specifications and Required Submittals

APPENDIX A-1.1 Technical Specifications Matrix

APPENDIX A-2 Interconnection Studies or Agreement

APPENDIX A-3 Permitting Matrix

APPENDIX A-4 Contractor Safety Plan and Contractor Health Safety and Environmental Requirements

APPENDIX A-5 Project Single-Line Drawing and Layouts

APPENDIX A-6 Division of Responsibility

APPENDIX A-7 General Technical Specifications

APPENDIX A-8 Real Estate Specifications

APPENDIX A-9 Equipment Supply Matrix

APPENDIX A-10 Plant Performance Guarantee / Warranties

APPENDIX B-1 Notice of Intent to Bid Instructions

APPENDIX B-2 Bid Proposal Instructions and Required Information

APPENDIX C-1 Bid Summary and Pricing Input Sheet Instructions

APPENDIX C-2 Bid Summary and Pricing Input Sheet

APPENDIX C-3 Energy Performance Report

APPENDIX D Bidder's Credit Information

APPENDIX E-1 PPA and Tolling Agreement Instructions to Bidders

Appendix E-2 PPA Documents Including PPA Appendices

Appendix E-3 Tolling Agreement Documents

APPENDIX F-1 BTA Instructions to Bidders

APPENDIX F-2 BTA Documents

APPENDIX G-1 Confidentiality Agreement

Version: UM2193 – Response Filing
Date: April 11, 2022

APPENDIX G-2 Non-Reliance Letter

APPENDIX H-1 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections

APPENDIX H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections

APPENDIX H-3 Transmission Summary of OASIS Queue Positions

APPENDIX I Standards of Conduct; Separation of Functions

APPENDIX J PacifiCorp Transmission Waiver

APPENDIX K Operations and Maintenance Services

APPENDIX L Non-Price Scoring Matrix

APPENDIX M Role of the Independent Evaluator

APPENDIX N PacifiCorp’s Organization for RFP Process

APPENDIX O PacifiCorp’s Company Alternative (Benchmark Resources)

APPENDIX P Equity Questionnaire

APPENDIX Q 2021 Demand Response RFP – Requirements for Demand-side Bids

APPENDIX Q-1 Professional Services Contract

APPENDIX R Bid Scoring and Modeling

APPENDIX R-1 Bid Scoring Example

APPENDIX S Berkshire Hathaway Energy Cyber Security Requirements Applicable to PPAs, Tolling Agreements and BTAs

APPENDIX S-1 Berkshire Hathaway Energy Cyber Security Attestation

APPENDIX A

2022AS RFP Technical Specifications and Required Submittals

A full list of Appendix A documents is included in Appendix A-1.1 - Technical Specifications Matrix.

Appendix A includes certain technical submittals which are required bid submittals and bidder must include in the bid package as separate attachments:

Appendix A	Supply-side Resource Required Submittals	Applicable to:
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements (all bids)</i>	<i>All bids</i>
<i>Appendix A-3</i>	<i>Permit-Matrix (all bids)</i>	<i>All bids</i>
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout (all bids)</i>	<i>All bids</i>
<i>Appendix A-6</i>	<i>Division of Responsibility (BTA bids only)</i>	<i>BTA bids</i>
<i>Appendix A-8</i>	<i>Real Estate Specifications (BTA bids only)</i>	<i>BTA bids</i>
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix (all bids)</i>	<i>All bids</i>
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties for (BTAs bids only)</i>	<i>BTA bids</i>

In addition to the required submittals, Appendix A includes required technical specifications for BTA bids. BTA bidders must comply with the following specifications or provide an exceptions list:

Appendix A	Supply-side Resource – BTA Technical Specifications	Applicable to:
<i>Appendix A-1.2</i>	<i>Wind Work Specifications</i>	<i>Wind bids</i>
<i>Appendix A-1.3</i>	<i>Wind Work Specifications – Observation Tower</i>	<i>Wind bids</i>
<i>Appendix A-1.4</i>	<i>Solar Work Specifications</i>	<i>Solar bids</i>
<i>Appendix A-1.5</i>	<i>HV Work Specifications</i>	<i>All BTA bids</i>
<i>Appendix A-1.6</i>	<i>Battery Energy Storage System Technical Specifications</i>	<i>BTA bids with Energy Storage</i>
<i>Appendix A-4.1</i>	<i>Contract Safety Plan Requirements</i>	<i>All BTA bids</i>
<i>Appendix A-4.2</i>	<i>Contractor Health Safety and Environmental Requirements</i>	<i>All BTA bids</i>
<i>Appendix A-7</i>	<i>General Owner Standards and Specifications:</i>	<i>All BTA bids</i>

PacifiCorp will provide any additional Technical Specifications for BTA bids for other resource types upon receipt of Appendix B-1 Notice of Intent to Bid.

APPENDIX A-1.1

Technical Specifications Matrix

[INCLUDED AS SEPARATE ATTACHMENTS]

The following specifications are provided as separate attachments. BTA Bidders must comply with these technical specifications or else provide a documented list of exceptions.

A-1.2	Wind Work Specifications
A-1.3	Wind Work Specifications – Observation Tower
A-1.4	Solar Work Specifications
A-1.5	HV Work Specifications
A-1.6	Battery Energy Storage System Technical Specifications

A-4.1	Contract Safety Plan Requirements
A-4.2	Contractor Health Safety and Environmental Requirements

A-7	General Owner Standards and Specifications:
A-7.01	Attachment 1A Project Document Formatting and Requirements
A-7.02	Attachment 1B Project Document Deliverables
A-7.03	Computer Aided Design (PacifiCorp Energy) General AutoCAD/Drafting Standards (Specification DCAP876)
A-7.04.1	Substation Equipment—Power Transformer
A-7.04.2	Substation Equipment—Collector Substation Main Power
A-7.04.3	Two-Winding Dist Transformer Specification
A-7.05	Material Specification ZS 061, Electrical Equipment—Insulating Oil.
A-7.06	Material Specification ZS 065, Wind, Ice, and Seismic Withstand
A-7.07	Material Specification ZS 066, Contaminated-Environment Protection
A-7.08	Procedure SP-TRF-INST, Transformer Receiving, Installation and Testing
A-7.09	Danger Sign
A-7.10.1	PacifiCorp Engineering Handbook, Part 6B.5 Fence Application and Construction
A-7.10.2	Chain Link Fencing and Gates
A-7.10.3	Cantilever Side Gate
A-7.11	PacifiCorp Engineering Handbook, Part 6B.6 Substation Grounding
A-7.12	PacifiCorp Protective Relaying Standard, Document Number: GEN-ENG-RELAY-0001

A-7.13	PacifiCorp Protective Relaying Standard, Arc Flash Hazard Standard, Document: GEN-ENG-RELAY-0002
A-7.14	PacifiCorp Protective Relaying Standard, "Relay Current Transformer (CT) and Potential Transformer (PT) Insulation Integrity Test," Document: GEN-ENG-RELAY-003
A-7.15	PacifiCorp Protective Relaying Standard, "Thermal Plant Protective Relay Maintenance and Testing-PRC-005," Document: GEN-ENG-RELAY-1003
A-7.16	PacifiCorp Protective Relaying Standard, "Relay Testing & Commissioning Checklist"
A-7.17	PacifiCorp Protective Relaying Standard, "Relay Installation Procedure," Document: GPCP-EQPMNT-INST
A-7.18	PacifiCorp Protective Relaying Standard, "Current Transformer Installation Procedure (Relay)," Document: GPCP-CT-INST
A-7.19	PacifiCorp Protective Relaying Standard, "Current Transformer Installation Form (Relay)," Document: GPCP-CT-INST
A-7.20	SG001 Substation High Voltage Signs
A-7.21	Specification for Substation Equipment Installation Testing Commissioning
A-7.22.1	SV001 Bird and Animal Protection-General Installation Instructions
A-7.22.2	SV002 Bird and Animal Protection for Miscellaneous Equipment
A-7.22.3	Bird and Animal Protection—General Installation Instructions
A-7.23	Volume 8 Consultant Drafting Procedures and Standards

APPENDIX A-2

Interconnection Studies or Agreement

Bidders shall provide an unredacted version of the interconnection study and interconnection agreement for the proposed resource and label the attachment as Appendix A-2 to their RFP bid response.

APPENDIX A-3

Permitting Matrix

[INCLUDED AS A SEPARATE EXCEL ATTACHMENT]

Bidders shall complete the Permitting Matrix and label it Appendix A-3 in their bid response.

APPENDIX A-4

Contractor Safety Plan and Contractor Health Safety and Environmental Requirements

[INCLUDED AS SEPARATE ATTACHMENTS]

The following Appendices are provided as separate attachments and are requirements for all BTA bids. All bidders, regardless of transaction structure,¹ are encouraged to abide by and have similar safety standards and requirements.

Appendix A-4.1 (BTA)	Contract Safety Plan Requirements	Separate Attachment	Informational	Word
Appendix A-4.2 (BTA)	Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	Word

¹ PPA and tolling agreement bidders and Demand-side bidders offering Professional Services Agreement contracts

APPENDIX A-5

Project Single-Line Drawing and Layouts

Bidders shall provide a single line drawing and layout shown on a United States Geological Survey (USGS) 7.5-minute series map for the proposed resource and label the attachments as Appendix A-5 to their RFP bid response.

APPENDIX A-6

Division of Responsibility

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

BTA Bidders shall complete the attached spreadsheet and submit as Appendix A-6 to their RFP bid response.

APPENDIX A-7

General Technical Specifications

[INCLUDED AS SEPARATE ATTACHMENTS]

All BTA bidders are required to comply with the following General Technical Specifications

Appendix A-7 (BTA)	General Technical Specifications
Appendix A-7.01 (BTA)	Project Document Formatting and Requirements
Appendix A-7.02 (BTA)	Document Deliverables
Appendix A-7.03 (BTA)	General AutoCAD Drafting Standards (Spec DCAP876)
Appendix A-7.04.1 (BTA)	EBU PX-S01-S01A Substation Equipment—Power Transformer
Appendix A-7.04.2 (BTA)	EBU PX-S02 Substation Equipment—Collector Substation Main Power
Appendix A-7.04.3 (BTA)	ZS-102 Two-Winding Dist Transformer Specification
Appendix A-7.05 (BTA)	EBU SI-S04 Electrical Equipment-Insulating Oil.
Appendix A-7.06 (BTA)	EBU SI-S02 Wind, Ice, and Seismic Withstand
Appendix A-7.07 (BTA)	EBU SI-S03 Contaminated-Environment Protection
Appendix A-7.08 (BTA)	Procedure SP-TRF-INST Transformer Installation
Appendix A-7.09 (BTA)	TD051 Danger Sign
Appendix A-7.10.1 (BTA)	Engineering Handbook Part 6B 5 Fence Application and Construction
Appendix A-7.10.2 (BTA)	Section 02810 Chain Link Fencing and Gates
Appendix A-7.10.3 (BTA)	Section 02815 Cantilever Slide Gate
Appendix A-7.11 (BTA)	Engineering Handbook Park 6B 6 Substation Grounding
Appendix A-7.12 (BTA)	GEN-ENG-RELAY-0001 Protective Relaying Requirements for New Plants
Appendix A-7.13 (BTA)	GEN-ENG-RELAY-0002-Arc Flash Requirements for New Plants
Appendix A-7.14 (BTA)	GEN-ENG-RELAY-0003 CT and PT Integrity Test
Appendix A-7.15 (BTA)	GEN-ENG-RELAY-1003 Protective Relay Maintenance and Testing PRC 005
Appendix A-7.16 (BTA)	Relay Testing and Commissioning Checklist
Appendix A-7.17 (BTA)	Relay Installation Procedure GPCP-EQPMNT-INST
Appendix A-7.18 (BTA)	Current Transformer Installation Procedure GPCP-CT-INST
Appendix A-7.19 (BTA)	Current Transformer Installation Form GPCF-CT-INST
Appendix A-7.20 (BTA)	SG001 Substation High-Voltage Warning Signs
Appendix A-7.21 (BTA)	EXHIBIT Xv4 Substation Equipment Installation
Appendix A-7.22.1 (BTA)	SV 251 Bird and Animal Protection for Miscellaneous Equipment
Appendix A-7.22.2 (BTA)	SV 001 Bird and Animal Protection—General Information
Appendix A-7.22.3 (BTA)	SV 002 Bird and Animal Protection—General Installation Instructions
Appendix A-7.23 (BTA)	Volume 8 Consultant Drafting Procedures and Standards

APPENDIX A-8

Real Estate Specifications

[INCLUDED AS A SEPARATE ATTACHMENT]

BTA Bidders shall complete and submit attachment labeled as Appendix A-8 to their RFP bid response.

APPENDIX A-9

Equipment Supply Matrix

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

All Bidders shall complete and submit Appendix A-9 to their RFP bid response.

APPENDIX A-10

Plant Performance Guarantee / Warranties

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

BTA bidders to provide equipment warranties and performance guarantees for major equipment components (i.e., turbines, panels, etc.) as Appendix A-10 to their RFP bid response. Warranties shall be consistent with the specifications in Appendix A-1.

APPENDIX B-1

Notice of Intent to Bid Instructions

Bidders who intend to bid into the 2022AS RFP process are requested to complete and return the following by the requested deadline below:

1. **Appendix B-1 – Notice of Intent to Bid Form** (as executed pdf) and **Appendix B-1.1 NOI Excel Spreadsheet** (as excel spreadsheet),
2. **Appendix D - Bidder's Credit Information**, and
3. **Appendix G-1 - Confidentiality Agreement**, as set forth below.
4. **Appendix S-1 – Berkshire Hathaway Energy Cyber Security Attestation**

Bidders are requested to submit electronic copies of **Appendix B-1, Appendix B-1.1, Appendix D, Appendix G-1, and Appendix S-1** to the following PacifiCorp and IE's email addresses, no later than **5:00 p.m. Pacific Prevailing Time on Thursday, November 17, 2022.**

If multiple facilities are being bid, please provide one signed Notice of Intent to Bid form for each expected facility to be bid as well as the NOI Excel spreadsheet with a completed column for each unique bid that will be made for the facility. A facility may have multiple bids (i.e., solar facility with PPA term of 20 years and 25 years) subject to payment of the applicable bid fee.

Email:

PacifiCorp	RFPAllSource@PacifiCorp.com
Utah IE – Merrimack Energy	MerrimackIE@merrimackenergy.com
Oregon IE – PA Consulting	2022as_ie@paconsulting.com
Washington IE – Bates White, LLC	frank.mossburg@bateswhite.com

Appendix B-1.1 Notice of Intent to Bid Form and NOI Excel Spreadsheet

[INCLUDED AS A SEPARATE EXCEL FILE ATTACHMENT]

2022 All-Source Request for Proposals (2022AS RFP)

This is to declare that the undersigned intends to respond to PacifiCorp’s 2022 All-Source Request for Supply-Side Proposals, (2022AS RFP). Bidders are requested to provide an executed version in Pdf format and also the excel spreadsheet.

Facility 1	Bid 1	Bid 2 (Insert more columns as needed)
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)		
Email		
Project / Facility Name		
Resource type		
Storage type, if included		
Transaction structure type: BTA, PPA, PPA with a Battery, Tolling Agreement, Professional Services Agreement		
Pricing structure: Fixed, escalating, etc.		
If a PPA, BSA or Tolling Agreement, indicate term in years		
Size of each generating asset in MW capacity (nominal)		
Size of each storage asset in MW capacity		
Duration of storage (hours), if any		
Location (County, State)		
GPS coordinates		
Proposed point of interconnection to PacifiCorp’s system or if off-system, proposed point of delivery		
PacifiCorp interconnection queue #, if any		
Estimated Commercial Operation Date (month/year)		
Diversity Strategy (free bid alternative)		

Authorized Signature _____

Print Name _____

Title _____

Date _____

APPENDIX B-2

Bid Proposal Instructions and Required Information

This **Appendix B-2** describes PacifiCorp’s expectations and requirements for the 2022AS 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. **Appendix E-1 - PPA and Tolling Agreement Instructions to Bidders** and **Appendix F-1 – BTA Instructions to Bidders** provide additional detail on bid document deliverables. Due to submittal requirement differences for PPAs and Tolling Agreement bids as compared to BTA bids, bidders should pay strict attention to instructions to ensure bids are in compliance with the instructions as outlined. Certain items in **Appendix F-1 and Appendix F-2** will only apply to BTA proposals (as explained in the instruction document).

Bid Checklist

Each bidder must provide complete information as requested. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required in the bid submittal. Specific appendices to include in the bid submittal are shown in Column C for the applicable bid structure type in Column D (PPA and Tolling Agreement Bidders), Column E (BTA Bidders) and Column F (demand side bidders). Additional requirements for Demand-side bidders are separately included as **Appendix Q - 2021 Demand Response RFP – Requirements for Demand-side Bids**.

Bid Checklist Table:

A	B	C	D	E	F	G
	2022AS RFP Bid Applicability	Bid must include completed Appendix	Applicable to			
Appendix A	Resource Technical Specifications		PPA/ Tolling	BTA	Benchmark	Demand-side
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X	X	X	X	See App Q
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X	X	X	X	See App Q
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	X	X	X	X	See App Q
<i>Appendix A-6</i>	<i>Division of Responsibility</i>	X		X		
<i>Appendix A-7</i>	<i>Owner Standards and Specification</i>	List of Exceptions		X	X	
<i>Appendix A-8</i>	<i>Real Estate Specifications</i>	X		X	X	
<i>Appendix A-9</i>	<i>Product Data-Equipment Supply Matrix</i>	X	X	X	X	See App Q
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	X		X		
Appendix B-1 (B-1.1)	Intent to Bid Form as submitted	X	X	X	X	X

A	B	C	D	E	F	G
Appendix B-2	Information Required in Bid Proposal / Bid Proposal		X	X	X	See App Q
Appendix C-1	Bid Summary and Pricing Input Sheet Instructions				X	
Appendix C-2	Bid Summary and Pricing Input Sheet	X	X	X	X	See App Q
Appendix C-3	Energy Performance Report	X	X	X	X	See App Q
Appendix D	Bidder's Credit Information	X	X	X		X
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders		X			
Appendix E-2.1 or E-2.2	Redline to PPA and exhibits (PPA for generating resource only or PPA w/ collocated battery storage)	X	X			
Appendix E-3	Redline to Tolling Agreement	X	X			
Appendix F-1	BTA Instructions to Bidders			X		
Appendix F-2	Redline to BTA Term Sheet	X		X		
Appendix G-1	Confidentiality Agreement	X	X	X		X
Appendix J	PacifiCorp Transmission Waiver	X	X	X		
Appendix K	Operations and Maintenance Services	X		X		
Appendix L	Non-Price Scoring Matrix	X	X	X	X	X
Appendix P	Equity Questionnaire	X	X	X	X	X
Appendix Q	2021 Demand Response RFP – Document Requirements	X				X
Appendix Q-1	Redline to Professional Service Contract and Exhibits	X				X
Appendix Q-1.01	Redline to Contract Exhibit A – Scope of Work ²	X				X
Appendix Q-1.02	Redline to Contract Exhibit B – Pricing and Performance Template	X				X

² Embedded in 2021 Demand Response RFP (Exhibit A to Professional Services Contract)

A	B	C	D	E	F	G
Appendix S-1	Berkshire Hathaway Energy – Cyber Security Attestation	X	X	X		X

PROPOSAL FORMAT

PacifiCorp requests bidders conform to the following format for presenting their bid information:

Section 1 – Cover Letter and Executive Summary of Proposal – Bids must include a signed cover letter including the required statements as provided in the RFP main document, **Section 3.E**. Cover letters must be signed by an executive of the project company. Bids shall include an executive summary including a brief description of the proposal and its key benefits and advantages to PacifiCorp. The executive summary should include a general description of the technology, location, and business arrangement for the bid including a pricing summary for the bid. Bidder must confirm the terms and conditions of their proposal will remain effective through November 21, 2023. 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.

Section 2 – Resource Description – This section should provide a description of the resource. The **Appendix B-2** narrative should describe the technology including:

- i. A summary of the bid including location, technology, megawatt (MW) capacity, contractual term (or usable life) and price. Generating resource bids should include a summary of the expected production profile, capacity factors, and degradation schedule, if any. Storage bids should summarize storage capacity, duration, round-trip efficiency and degradation schedule, if any.
- ii. A summary of the site, including GSP coordinates, a description of topology, geology, climate and resource studies completed and data available.
- iii. A summary of site control for the primary site and any necessary right-of-way or easements for transmission, roads, or access to the site.
- iv. A description of site layout including proximity to interconnection points, ingress and egress, local communities, and environmental features. The proposed site(s) must clearly be shown on a United States Geological Survey (USGS) 7.5-minute series map.
- v. A summary of critical issues analysis including key findings, studies completed and outstanding, and any other material considerations impacting the site suitability, potential schedule risk, or overall project viability.
- vi. A development status, including remaining permits and approvals and a milestone schedule summarizing estimated completion dates for key development, procurement, construction and interconnection milestone.
- vii. A summary of interconnection and transmission locations, available studies, agreements and plans for interconnection. Off-system bidders shall summarize the transmission provider, control area, point of delivery, completed studies, transmission availability and status of transmission service agreement.
- viii. A summary of the generating resource and/or storage technology type, including expected usable life, site suitability and decommissioning plans. BTA bids shall confirm conformance to the Technical Specifications in Exhibit A and include a list of exceptions, if any. Bids utilizing previously owned/operated equipment shall include a summary of hours of operation and major maintenance performed.

- ix. A summary of the resource performance analysis, prepared by an independent third-party engineering firm or established in-house service provider (subject to validation by PacifiCorp), including expected capacity factors, annual energy production, storage cycles, and annual degradation. Bidder shall also summarize expected and guaranteed annual energy production, estimated annual availability, any guaranteed minimum annual availability, any operating limits, and any limits on the number of hours the resource may be operated per year or unit of time.
- x. A procurement sourcing, supply chain, engineering and construction strategy, including summary of key equipment and manufacturers as well as any tax considerations.
- xi. Summary of construction and project financing strategy.
- xii. Summary of operations and maintenance plan and service, including any warranty terms and/or guarantees on major equipment.
- xiii. A summary of key responses to the equity questionnaire such as supplier, contractor and workforce diversity, community and environmental benefits and burdens of the projects. Washington-state located resources should summarize how they will increase energy benefits and/or reduce burdens to highly impacted communities and vulnerable populations.
- xiv. The **Appendix B-2** narrative shall reference, summarize and otherwise emphasize the detailed supporting documents provided in the required appendices:
 - i. **Appendix A-2 Interconnection Studies and Agreements,**
 - ii. **Appendix A-3 Permit Matrix,**
 - iii. **Appendix A-5 Project One-Line Drawing and Layout,**
 - iv. **Appendix A-9 Product Data-Equipment Supply Matrix,**
 - v. **Appendix C-2 - Bid Summary and Pricing Input Sheet,**
 - vi. **Appendix C-3 Energy Performance Report**
 - vii. **Appendix D Bidder’s Credit Information**
 - viii. **Appendix L Non-Price Scoring Matrix**
 - ix. **Appendix P Equity Questionnaire**
 - x. **Appendix Q 2021 Demand Response RFP – Requirements for Demand-side Bids**

BTA bidders shall also reference, summarize and otherwise emphasize the detailed supporting documents provided in the required BTA-specific appendices:

- i. **Appendix A Technical Specifications**
- ii. **Appendix A-6 Division of Responsibility**
- iii. **Appendix A-7 Owners Standards and Specifications**
- iv. **Appendix A-8 Real Estate Specifications**
- v. **Appendix A-10 Plant Performance Guarantee/Warranty**
- vi. **Appendix K Operations and Maintenance Services**

Section 3 - Bidder’s Qualifications – Information in this section should be consistent with information provided in **Appendix D – Bidder’s Credit Information** in the Intent to Bid submittal. 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.
- Summary of comparable experience developing, financing, constructing and operating generating and/or storage resources.
- Description of developer projects and independent power supply ventures participated in the last three to five years.

- Professional references including 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.
- 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 – Bidder shall reference, summarize and otherwise emphasize the detailed supporting documents provided **Appendix D – Bidder’s Credit Information** in the Intent to Bid submittal.

Section 5 - Pricing Proposal and Project Financing Strategy, including tax equity strategy – Describe in detail the pricing proposal, including the use of any index, escalation factors, or other costs to PacifiCorp. Bidders shall complete **Appendix C-2 – Bid Summary and Pricing Input Sheet**, summarize their offered pricing and describe underlying assumptions in the bid narrative. Bidders shall further describe their project financing strategy, including construction financing and whether bidder has or plans to use third-party tax equity. The bidder shall describe whether third-party tax equity commitments have already been established for the project, and bidder shall otherwise describe how it intends to conform and be eligible for production or investment tax credits and other available tax incentives for the project.

Section 6 – Interconnection & Transmission Service – Bidder shall include a detailed description of the location of its proposed interconnection facilities, distribution or transmission facilities, including proposed delivery points consistent with information provided in **Appendix A –Technical Specifications and Required Submittals, Appendix A-2 – Interconnection Studies and Agreements** and **Appendix A-5 - Project One-Line Drawing and Layout**. Bidders should be aware of any transmission requirements or specifications that could affect their equipment selection and costs and take those specifications into consideration in preparing their bid submittal. Bidders should review and understand the North America Electric Reliability Corporation (NERC) guidelines regarding technical requirements and modeling for renewables.³

Bids with projects directly interconnected to PacifiCorp’s system. For proposed new resources, PacifiCorp requests that bidders request that their interconnection requests be studied for both Energy Resource Interconnection Service (ERIS) and Network Resource Interconnection Service (NRIS). Bidders shall summarize the cost for any direct assigned and network upgrades resulting from a completed interconnection study by PacifiCorp. Prospective bidders are responsible for having worked with PacifiCorp Transmission, as necessary, to ensure that all cluster study requirements included in the Open Access Transmission Tariff (OATT) were met by May 16, 2022 when, according to the current OATT as of the date of this issuance, the Cluster Request Window will have closed. Bidders shall confirm that their bids are consistent with completed interconnection studies and/or executed LGIAs provided as part of their **Appendix A-2 - Interconnection Studies and Agreements** bid submittal or otherwise demonstrate that the interconnection/transmission provider will not require a material modification.

Bids not directly interconnected to PacifiCorp’s system. For proposed new resources, PacifiCorp requests that bidders request that their interconnection requests be studied for both ERIS and NRIS. Off-system bidders shall summarize the interconnection studies included in their **Appendix A-2 - Interconnection Studies and Agreements**, including the interconnection cost and milestones demonstrating their proposed commercial operation date. Finally, off-system bids shall demonstrate the availability of, and request for, long-term, firm point-to point transmission service from the resource’s point of

³ NERC, Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources, September 2019

interconnection with the third party's system to the bidder's proposed point of delivery on PacifiCorp's system.

Section 7 – Environmental and Siting – PacifiCorp requests all bidders provide a critical issues analysis document. Bidder shall confirm in their **Appendix B-2** bid narrative that i) bidder will apply for required eagle take permit for the construction and operations of any wind projects, and as appropriate, for other energy sources (such as long-term or temporary disturbance [ie nest disturbance] or take from project development or operations), ii) bidder will identify and implement, voluntarily or as agreed upon with applicable agency, cut-in speed adjustment, curtailment strategy, and/or bat deterrent systems to address bat impacts at wind projects, and iii) bidder will utilize applicable wildlife siting guidance and meaningful coordination with state/federal wildlife agencies to avoid, minimize, and/or mitigate potential impacts to wildlife and their habitat. Bidder shall transfer any eagle take permit obtained to PacifiCorp should PacifiCorp become the owner of the project, and ii) bidder understands it is exclusively and entirely responsible for meeting and satisfying all federal, state and local laws, permits, licenses, approvals and/or variances required to assure physical delivery of energy in accordance with any PPA, Tolling Agreement, BTA or professional services agreement. Bidder shall reference, summarize and otherwise emphasize all applicable permits that bidder has secured or will be required to receive in order to construct and operate the facility consistent with the information submitted in **Appendix A-3 – Permit-Matrix**.

Bidder must provide any additional material information including scoping, feasibility and other associated studies conducted to assess environmental impacts and to obtain necessary permits. BTA bids must include all material studies related to wildlife (including eagles, all bats, sage-grouse, ungulates, and other protected species, such as those protected under the federal Endangered Species Act, federal Bald & Golden Eagle Protection Act, federal Migratory Bird Treaty Act and/or other applicable Federal and state laws), archeological, vegetation, hydrological, geotechnical, visual, noise, air quality, and other environmental impacts related to the project. The bid narrative shall note impacts to designated wilderness, national and state parks, and other scenic or protected areas. The bid narrative shall 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. Wildlife measures may include buffers from wildlife nesting/habitat (eagle/raptor nest buffers, prey base buffers, sage-grouse lek and habitat buffers, etc.), potential curtailment or cut-in speed strategies (bat cut-in speed adjustments, eagle curtailment, etc.), and/or other significant avoidance, minimization, and/or mitigation efforts. Finally, bidder should discuss plans to engage community and environmental stakeholders to support the proposed project.

To the extent applicable, bidder should include in the **Appendix B-2** bid narrative the following information with respect to any proposed facility site (see **Appendix A – Technical Specifications and Required Submittals** for additional detail applicable to specific resource type):

- i. List of all studies conducted; required environmental, construction and other regulatory permits and timelines.
- ii. Prevailing noise ordinance at the site and expected sound level (A-weighted) at the site boundary.
- iii. Proposed site plans, layouts, elevations or other aspects of the facility.
- iv. Types of transportation access required.
- v. A Phase I Environmental Site Assessment conducted or updated in the last three months.
- vi. 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.).

- vii. Proximity and extent of nearest wetlands and description of all types of all nearby wetlands and water bodies, including any proposed impacts.
- viii. Information on fish, avian species and other wildlife and vegetation inhabiting the area of the project, such as a Site Characterization Study (Tier I/II) and/or a Critical Issues Analysis report.
- ix. Proximity to nearest endangered or threatened or critical species habitat and information on all nearby endangered or threatened species or their nests and/or habitat which could potentially be impacted, including species protected under the federal Bald and Golden Eagle Protection Act and the federal Migratory Bird Treaty Act.
- x. All studies performed or planned for bats species and an assessment of cut-in speed adjustment, curtailment losses, and/or deterrent systems costs.
- xi. Proximity to nearest historical or archaeological resources and all nearby historical or archaeological resources which could potentially be impacted.
- xii. Location and distance to population centers which could be impacted.
- xiii. Expected site ambient temperature extremes and verification that freeze protection will be provided if necessary.

Section 8 – Contract Terms – In addition to the redlines of the contract pro formas and term sheets as provided in **Appendix E-2 PPA Documents, Appendix E-3 Tolling Agreements, Appendix F-2 BTA Term sheet, or Appendix S-2 Professional Services Contract**, Bidder must identify and specify in the bid narrative they key exceptions to the terms and conditions from their redline of the contract pro formas or term sheet, as applicable. Bidder should include the issue list as part of the bid narrative. The issue list should summarize the priority exceptions to the terms and conditions from the pro forma documents or term sheets and the reason or context for why bidder feels their exception is reasonable. Bidder’s narrative should suggest alternate language and context for each item on the issues list. Conformity to the pro forma documents is strongly encouraged so bidders should use the bid narrative to support any proposed redlines.

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. In addition to the bid narrative, BTA Bidder are required to supply a markup of the applicable form in **Appendix K - Operations and Maintenance Services** for the proposed resource or else provide a separate operating and maintenance service proposal with their bid submittal. Conformity to **Appendix K** terms is strongly encouraged. Bidders objecting to terms are encouraged to use the bid narrative to explain any proposed redlines and provide context for PacifiCorp to evaluate the proposed change to the pro forma document.

Section 10 – Equity Summary - Of particular value are those resources which provide benefits to highly impacted communities and vulnerable populations in Washington⁴ and projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases in California⁵. PacifiCorp is committed to and understands the importance of promoting diversity among its suppliers, consultants and their subcontractors by increasing the amount of business conducted with qualified diverse business enterprises, including women-owned, minority-owned, disabled veteran-owned, and lesbian, gay, bisexual, and transgender (“LGBT”)- owned businesses.

⁴ <https://www.utc.wa.gov/ layouts/15/CasesPublicWebsite/CaseItem.aspx?item=document&id=00076&year=2019&docketNumber=190837&resultSource=&page=1&query=190837&refiners=&isModal=false&omItem=false&doItem=false>
⁵ PUC399.13(8) (A)

All Bidders are requested to complete **Tab 1** and **Tab 2** of **Appendix P – Equity Questionnaire**. When considering resources to be allocated to Washington customers, Appendix P – Equity Questionnaire responses will be used in the final phase of the evaluation process to measure Washington customer benefit indicators as part of Washington’s CETA. As resource allocations are not yet known, PacifiCorp requests that all bidders complete **Tab 2** of **Appendix P- Equity Questionnaire** to the best of their knowledge and ability.

California-located bidders must compete **Tab 3** of **Appendix P- Equity Questionnaire**, which contain California-specific questions.

All bidders shall summarize the following in their bid narrative:

- Summary of proximity and population characteristics of the nearest community to where facility is proposed.
- Bidder to describe itself and its own project team, including bidder’s employee diversity statistics. Summary of supplier, contractor and workforce strategy related to diversity targets for suppliers, contractors or workforce during development, construction and/or ongoing operations. ***Bidders may submit one free bid alternative for a second/different diversity strategy at no additional bid fee.*** Bidder’s supplier and contractor diversity will be subject to an annual reporting requirement as part of the pro forma contractual agreement.
- Bidder to describe previous experience implementing projects in partnership with diverse communities and entities (such as subcontractors), including women-, minority-, disabled-, and veteran-owned organizations and businesses.
- Bidder to confirm whether it, its suppliers and contractors have a written diversity-equity-inclusion (DEI) commitment, policy, or plan, and whether bidder or project leadership have received DEI training.
- Bidder to outline expected local community impacts due to short-term and long-term job creation, workforce training or apprenticeship program, impacts to local tax base, and any other nonenergy community benefits derived from the new resource.
- Summary of any local impacts during construction and ongoing operations which may be expected related to water usage, traffic, diesel emissions, soil disturbance, emissions, dust, wastewater, hazardous waste, cultural sites, wetlands, endangered species, wildlife (eagles, avian/raptors, bats, ungulates, sage-grouse, etc.), replanting and pollinator re-seeding strategies.
- Bidder to provide detail on what it has done to inform the local community of the project and project plans, including information on whether the local community been receptive to the potential development, if any groups or individuals objected to the proposed development, and, if so, what specific concerns were expressed.
- Provide a summary of community engagement for the project site and interconnection facilities to the point of delivery on the transmission system, along with any specific proposed adjustment to the project based on these engagement activities. This summary should include meeting dates, attendees, meeting minutes, community support or opposition.
- Summarize and provide copies of any letters, memos, emails, news articles, or other communications demonstrating the level of support by the local community.
- Oregon-located resources must describe how they will comply with HB2021 Clean Energy Act requirements related to apprenticeship and labor standards.

- Washington-located resources must summarize the energy and non-energy benefits and burdens to vulnerable populations and highly impacted communities and provide self-scoring of PacifiCorp's customer benefit indicators⁶.
- California-located resources must summarize whether it is located in a community afflicted with poverty or high unemployment or that suffers from high emission levels and how the community will be impacted by the resource.

Finally, for bids located in Washington, PacifiCorp prefers projects that utilize a project labor agreement or community workforce agreement for major construction activities associated with the construction of the project. Bidders shall make commercially reasonable efforts to ensure that such Project Labor Agreement or Community Workforce Agreements for Washington state projects are eligible to be certified by the Washington Department of Labor and Industries under the standards of the Washington State Clean Energy Transformation Act (RCW 19.405).

Bidders are requested to provide a narrative with respect to their staffing strategies and safety performance. Bidders to provide responses related to:

- Whether bidder intends to use temporary staffing agencies as subcontractors;
- Whether bidder or any proposed general contractors have been found in violation of serious safety requirements within the past three years on similar projects; and
- Whether bidder and associated contractors enroll their employees in any of the following: OSHA 10 training program, joint labor/management safety committees, joint labor/management apprenticeship programs, and other courses identified as essential to the safe and efficient installation of wind and solar power structures.

⁶ Footnote to PacifiCorp's CEIP

APPENDIX C-1

Bid Summary and Pricing Input Sheet Instructions

General Bid Summary Instructions for PPAs with and without energy storage, Tolling Agreements and BTAs. All bidder must complete and submit and **Appendix C-2 - Bid Summary and Pricing Input Sheet** for each bid submitted. Appendix C-2 is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing for bid types and categories. There are seven (7) tabs in the excel workbook:

Tab Name	Description	Technology				Structure				
		Renewable	Renewable plus storage	Stand-alone Storage	PSH	PPA with or without Toll	Tolling Agreement	Benchmark	BTA	
1	Data Inputs	Project detail	X	X	X	X	X	X	X	X
2	8760 First Year Generation Profile	First contract year - Expected 8760 Net Energy delivered to PacifiCorp at P50 Production - Applies to renewables	X	X			X		X	X
3	PPA Pricing	PPA pricing structure	X	X			X			
4	Battery Pricing & Ops	BESS pricing and operations		X	X	X	X	X	X	X
5	PSH Pricing & Ops	PSH pricing and operations				X		X	X	X
6	BTA Pricing Schedule	BTA pricing structure	X	X	X	X			X	X
7	Additional Data	Blank tab to add data	X	X	X	X	X	X	X	X

Power Purchase Agreement

1. Bidder's submitting PPA bids shall provide the information requested in **tabs 1, 2 and 3** in the **Appendix C-2** spreadsheet.
 - a. Bidder's offering collocated energy storage systems with a PPA should also provide the information requested in **tab 4** of the **Appendix C-2** spreadsheet.
2. **Tab 7** can be used for any additional information to support bid.

Battery Energy Storage Systems

1. Energy storage systems offering a Tolling Agreement for their standalone storage resources shall provide the information requested in **tabs 1 and 4** in the **Appendix C-2**.
2. **Tab 7** can be used for any additional information to support bid.

Pumped Storage Agreement

1. PSH bids shall provide the information requested in **tabs 1 and 5** in the **Appendix C-2**.
2. **Tab 7** can be used for any additional information to support bid.

Benchmarks and Build-Transfer Agreement

1. For renewable BTA, bidders shall complete **tabs 1, 2 and 6** in the **Appendix C-2**.
2. For collocated storage, standalone storage or PSH BTA bids, bidders shall complete **tabs 4 or 5, as appropriate** in the **Appendix C-2**.
3. **Tab 7** can be used for any additional information to support bid.

4. Operating Expenses: Please provide complete information on the following, including any assumptions made on a forward basis (e.g., escalation rates):
- 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.
 - a. Expected Rate %
 - b. Rate Escalation %
 - c. Initial Cost Assessed Value \$000
 - d. Replacement Cost Escalation %
 - e. Depreciation Method
 - Any property in lieu of taxes (PILOT) or other grants.

Additional Information

Bidder should provide any other information considered to be germane to PacifiCorp’s analysis of bidder’s submittal in **Tab 7**.

Separate instructions will be provided for any bidder who submits a notice of intent for a technology (non-renewable, for example) or structure not covered by the current Appendix C-2.

APPENDIX C-2

Bid Summary and Pricing Input Sheet

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

APPENDIX C-3

Energy Performance Report

PacifiCorp was awarded Wyoming's 2021 Industry Wildlife Stewardship Award for its efforts to understand and minimize impacts to wildlife. In an effort to continuously advance this stewardship, PacifiCorp requests that all bidders include an appropriate deduction to its resource production estimates provided in Appendix C-2 to account for potential voluntary outages, cut-in speed adjustments and/or curtailment due to impacts to avian, wildlife and fish species, including impacts to eagles and bats. Such project curtailments would be non-compensable in any contract awarded in this RFP.

PacifiCorp prefers that all energy performance reports be prepared by an independent third party. However, should a bidder have a resident (in-house) renewable resource evaluation team, acceptance of bidder's in-house performance report will be subject to PacifiCorp being able to replicate the results via an independent third-party expert contracted by PacifiCorp. The energy performance report should be consistent with and support performance estimates provided in the **Appendix B-2 Bid Proposal Instructions and Required Information** bid narrative and also the **Appendix C-2 Bid Summary and Pricing Input Sheet**. 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. 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.

The energy performance report should detail how it was prepared, answer the specific questions listed below for each resource type, and provide the minimum data requirements:

- **BTA bid data requirements**: Wind resource 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. PacifiCorp will accept two years of solar irradiance satellite data provided from Solargis or SolarAnywhere in lieu of on-site solar panel met data for all solar PPA and BTA bids. However, should a solar BTA bidder be selected to the final shortlist, to remain on the final shortlist, bidder must commit to install at least one solar monitoring station on the proposed solar site within 45 days of being selected to the final shortlist with the ability to capture solar irradiance data for at least four months prior to executing agreements following a final shortlist acknowledgement. If a solar BTA bidder is selected to the final shortlist, bidder will commit to maintaining at least one on-site solar monitoring station through the entire construction period and provide the solar monitoring station and all collected solar irradiance data to PacifiCorp at BTA closing.
- **PPA bid data requirements**: Wind resource bids must include a minimum of one year of on-site meteorological tower data converted to an estimated MWh production on an hourly time scale. PacifiCorp will accept one year of solar irradiance satellite data provided from Solargis or SolarAnywhere in lieu of on-site solar panel met data for all solar PPA bids.

Wind Resource Bids – Specific Questions

1. In addition to the BTA and PPA data requirements listed above, wind bids should answer the following questions related to their site data:
 - a. How was the wind data collected, certified and correlated to the reference points?
 - b. Who provided the wind data analysis service?
 - c. What is reference height, or heights, of the meteorological data?

- d. How was the wind data adjusted for the turbine hub height?
 - e. What is the estimated wind shear and how was the wind shear calculated?
 - f. What is the accuracy of the wind and energy forecast?
 - g. What is the basis year of the underlying data? Are the references years high, low, or average years?
 - h. How was generation output calculated from the meteorological data?
 - i. Identify the specific de-ratings included in the energy forecast (wind array losses, line losses, blade degradation, site elevation, etc.)?
2. Energy Production Estimate
- a. Predicted hub height mean wind speed and gross and net energy production for the full project.
 - b. Predicted long-term site air density.
 - c. Turbine power curve employed and description of any adjustments made to the power curve.
 - d. Description of methodology employed to calculate energy losses due to array effects
 - e. Clear breakdown of applied energy loss factors.
 - f. Monthly and diurnal pattern of predicted energy production with an explanation of the variation.
 - g. Analysis of the uncertainty associated with the predictions provided in the assessment.
3. Bidders may be asked to provide the following:
- a. Site Wind Data
 - i. Raw hourly or ten-minute wind speed and direction data.
 - ii. Description of equipment used to record data.
 - iii. Calibration certificates for equipment.
 - iv. Conversion factors (e.g. m/s per Hz) applied in recording wind speeds.
 - v. Maintenance records for the monitoring equipment.
 - vi. Location, height and orientation relative to mast of all sensors.
 - b. Reference Wind Data
 - i. Hourly or ten-minute wind speed and direction data.
 - ii. Description of equipment used to record data.
 - iii. Calibration certificates for equipment.
 - iv. Maintenance records for the monitoring work.
 - v. Location, height and orientation relative to mast of all sensors.
 - c. Wind Project Information
 - i. Layout of wind project turbine array using latitude and longitude coordinates.
 - ii. Detailed topographic maps of project area with all mast and turbine locations.
 - d. Verification and Analysis
 - i. Details of instrument configurations and measurement periods for each site mast and reference station.
 - ii. Summary of mast maintenance records and explanations for significant periods of missing data.
 - iii. Data recovery rates and measured monthly means for masts employed in the assessment.
 - e. Prediction of Wind Regime
 - i. Description of methodology employed to adjust measured wind speeds on site to the long-term.
 - ii. Correlation plots and coefficients for relevant correlations in the assessments.

- iii. Predicted long-term mean wind speeds at measurement heights and hub height at all masts employed in the assessment.
 - iv. Annual wind speed and direction frequency distribution for long-term site masts.
 - v. Plot of annual wind rose for long-term site masts.
 - vi. Description of methodology employed to extrapolate mean wind speeds at measurement heights to hub height.
- f. Prediction of Wind Speed Variations
- i. Description of methodology employed to predict wind speed variations across the site.
 - ii. Details of wind flow modeling employed and any inputs to the model (where applicable).

Solar

In addition to the BTA and PPA data requirements listed above, solar bids should answer the following questions related to their site data:

1. How was the resource data collected, certified and correlated to the reference points?
2. Who provided the data analysis service?
3. What is the accuracy of the raw data for the resource and energy forecast?
4. Was a typical weather year (highly preferred), an average year, or a specific weather year (i.e. 2016) used as the basis of the energy analysis for the project? If a specific weather year or an average of weather years was used, are the reference years high, low, or average years?
5. How the generation output was calculated from the meteorological and solar insolation data.
6. Identify the specific de-ratings included in the energy forecast (i.e., soiling, mismatch, wiring, inverter, transformation losses, etc.)?

Storage

PacifiCorp is battery chemistry and technology agnostic. Because there are no revenue grade, ANSI-approved DC meters, PacifiCorp requires AC-coupled systems, with centralized storage designs, when storage is collocated with a generating facility, because of the risk to the resource of not meeting its 2026 online date with a DC connected system. As part of the **Appendix C-3 Energy Performance Report** response, BESS bids must identify the collocated renewable energy resource, if applicable, and provide a detailed description of any shared facilities and/or equipment with the associated renewable resource. BTA bids must conform to both the *generating resource specifications* and the *BESS specifications* in **Appendix A - Technical Specifications and Required Submittals**.

Appendix C-3 Energy Performance Report should be consistent with responses in **Appendix B-2 Bid Proposal Instructions and Required Information** and **Appendix C-2 – Bid Summary and Pricing Input Sheet** and other bid documents such as **Appendix A-2 Interconnection Studies and Agreements**.

All bids including a storage resource must provide a description of the plant communications and control plan. The plan shall include a description and diagrams (as applicable) that demonstrate how bidder will provide BESS systems data, including state of charge, power charge/discharge status, and asset health indicators (temperature, HVAC alerts, emergency status, etc.) as well as BESS system control, including limitation of charging only from renewable energy production, if applicable, charge/discharge scheduling, and station service load.

BESS bidders will also be required to provide an emergency response plan and a remediation plan in the event of battery accidents.

Appendix C-3 Energy Performance Report for storage bids should answer the following questions:

- Manufacture, model, and chemistry of battery

- Manufacture and model of control system for battery
- Manufacture and model of energy management system
- Manufacture and model of inverters
- Confirmation that collocated BESS proposal is AC-coupled system
- Discharge capacity at point of delivery (MW)
- Storage capacity at point of delivery (MWh)
- Cycling capability and limitations (must be consistent with **Appendix C-2 Bid Summary and Pricing Input Sheet Instructions** submittal)
- Depth of charge capabilities and limitations
- Round trip efficiency (%) (must be consistent with **Appendix C-2** submittal)
- Annual degradation by contract year (%) (must be consistent with **Appendix C-2** submittal)
- Expected capacity augmentation by contract year (%) as applicable (must be consistent with **Appendix C-2** submittal)
- Guaranteed storage annual availability (%)
- Bidder to describe their ability to provide PacifiCorp with an option to grid charge along with description of what is required to upgrade system for battery charging from grid.

Pumped Storage Hydro (PSH) Systems.

PSH bids shall include a third-party independent engineer report describing 1) proposed technology; 2) hydro resource; 3) operational limitations; 4) expected availability and depreciable life; 5) operational budget including capital, personnel and consumable expenses.⁷

Geothermal

Geothermal bids should address the following:

1. Minimum of one production well and one injection well flow results to support the viability and capacity of geothermal resource. For results in excess of three (3) years, summarize the results for all years and provide the detail for the past three (3) years of production well flow tests.
2. Summary of all collected geothermal data for the proposed generating facility site.
3. Characterization the geothermal resource quality, quantity and projected production levels.
4. Graph or table that illustrates the annual and monthly projection of geothermal resources.
5. Description of any other existing geothermal facilities in the resource area and characterize their production and their anticipated impact, if any, on the generating facility.

Biomass and Biogas

Biomass and biogas bids should address the following:

1. Fuel makeup and its source.
2. Third-party resource assessment reports of available fuel for the generating facility and its proximity to the generating facility. Such resource assessments should include a discussion of long-term fuel price risk and availability risk issues.
3. Identify competing resource end-uses.
4. Provide a plan for obtaining the fuel, including a transportation plan.
5. Identify any contracts or option agreements to acquire and transport the fuel.
6. Provide an agreement or option agreement with a fuel source for a period of ten (10) years or greater.

⁷ To be updated prior to RFP issuance.

APPENDIX D

Bidder's Credit Information

Please provide the following information with Appendix B-1 – Notice of Intent to Bid form 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.
 - 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.
 - c. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years. Including the Auditor's Notes.
 - d. Identify pending legal disputes (describe).
 - e. Please state whether bidder is or has within the past five (5) years been the debtor in any bankruptcy proceeding.
 - 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.
 - i. Is bidder unable to provide audited financial statements?
 - ii. 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.
 - 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.
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 to Company from the entity(ies) providing the credit assurances on behalf of the bidder executed by an authorized signatory and indicating their 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.
 - c. Debt Ratings from S&P and/or Moody's (please provide senior unsecured long term debt rating (or corporate credit rating if a senior unsecured long term debt rating is unavailable). Please indicate type of rating, rating, and source:

- d. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years. Including the Auditor's Notes.
- e. Describe any pending legal disputes.
- 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.

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, 2026. PacifiCorp will require a letter from the entity providing financial assurances at the bid submittal stating that it will provide financial assurances on behalf of the bidder.

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 Final 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 **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 **Appendix D**.

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.

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 credit 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.

Power Purchase Agreement and Tolling Agreement

For PPAs, BSAs and PSH agreements, 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, 2026 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**,⁸ 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. Bidders under these types of structures should understand the cost of credit and bid accordingly.

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, 2026. 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**,⁹ based upon nameplate project size. The credit assurance requirement will be terminated upon the project achieving commercial operation date with proven tax credit eligibility of the appropriate resource technology.

For PPAs, BSAs, 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 2026) 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, 2026.

Posting of Credit Security

Terms and conditions for the posting of security are set forth in the applicable pro forma documents or term sheet which as noted above can be negotiated relative to milestones and amounts. 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**.

⁸ Security in Appendix D and Appendix E-2, E-3 and F-2 pro forma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.

⁹ Security in Appendix D and Appendix E-2, E-3 and F-2 pro forma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.

PacifiCorp Security

Please note that PacifiCorp will not post security to support its obligations under any definitive agreement. Bidders who will require such security from PacifiCorp should not submit a proposal under this RFP.

FORM OF GUARANTY COMMITMENT LETTER

(Must be on letterhead of bidder's guarantor)

PacifiCorp
825 NE Multnomah Street, Suite 600
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 2022AS 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 600
Portland, OR 97232
Attn: Credit Department

To Whom It May Concern:

In connection with Bidder’s submittal in PacifiCorp’s 2022AS 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)

APPENDIX E-1

PPA and Tolling Agreement Instructions to Bidders

PPA and Tolling Agreement Bid Checklist

Each bidder must provide complete information as requested and described in **Appendix B-2 Bid Proposal Instructions and Required Information**. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required for PPA and Tolling Agreement bid submittals.

Bidders shall summarize the key issues list as part of their **Appendix B-2 Bid Proposal Instructions and Required Information** narrative and also provide a redline to the pro forma documents included in **Appendix E-2 PPA Documents** and **Appendix E-3 Tolling Agreement Documents**.

A	B	C
	2022AS RFP Bid Applicability	Bid must include completed Appendix
Appendix A	Resource Technical Specification	
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	X
<i>Appendix A-6</i>	<i>Division of Responsibility</i>	
<i>Appendix A-7</i>	<i>Owner Standards and Specification</i>	
<i>Appendix A-8</i>	<i>Real Estate Specifications</i>	
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix</i>	X
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	
Appendix B-1 and B-1.1	Intent to Bid Form as submitted	X
Appendix B-2	Information Required in Bid Proposal	X
Appendix C-1	Bid Summary and Pricing Input Sheet instructions	
Appendix C-2	Bid Summary and Pricing Input Sheet	X
Appendix C-3	Energy Performance Report	X
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders	
Appendix E-2.1 or E2.2	Redline to PPA and exhibits, as applicable	X
Appendix E-3	Redline to Tolling Agreement, as applicable	X
Appendix F-1	BTA Instructions to bidders	
Appendix F-2	Redline to BTA Term Sheet	
Appendix G-1	Confidentiality Agreement	X
Appendix J	PacifiCorp Transmission Waiver	X
Appendix K	Operations and Maintenance Services	
Appendix L	Non-Price Scoring Matrix	X
Appendix P	Equity Questionnaire	X
Appendix S-1	Berkshire Hathaway Energy – Cyber Security Attestation	X

Appendix E-2

PPA Documents¹⁰ Including PPA Appendices

[INCLUDED AS A SEPARATE ATTACHMENT]

Appendix E-2 contains two forms of PPAs:

1. Appendix E-2.1: PPA for renewable or non-renewable (no energy storage): Renewable pertains to wind, solar and other renewables. PPA is footnoted to identify terms and conditions that would be removed to accommodate a non-renewable PPA.
2. Appendix E-2.2: PPA for collocated renewable energy generating resource with energy storage system.

¹⁰ The following updates will be made to the pro forma PPAs: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) the curtailment language will be adjusted to further clarify that curtailments as a result of PacifiCorp's market scheduling and economic dispatch will be compensable; 3) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 4) updated cyber security requirements; 5) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 6) other conforming changes consistent with the 2020AS RFP negotiations.

Appendix E-3

Tolling Agreement Documents¹¹

[INCLUDED AS A SEPARATE ATTACHMENT]

For the purpose of standalone storage, pumped storage hydro and other resources proposing a tolling agreement as a bid response to this RFP, PacifiCorp has included a pro forma Tolling Agreement containing the major terms and conditions expected under a tolling arrangement.

PacifiCorp is accepting PSH bids in its 2022AS RFP due to the long-lead time for development and construction of PSH projects. While a PSH is considered a long-lead time bid with an on-line date beyond December 31, 2026, PacifiCorp suggests that a reasonable on-line date for PSH is five years from execution of a contract with the PSH which puts the expected on-line date by December 31, 2028. PSH bids may also propose a term length longer than 30 years consistent with their operating license. PSH opportunities are emerging within the footprint of PacifiCorp's system and may offer unique capacity and operating flexibility.

¹¹ The following updates will be made to the pro forma tolling agreements: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements; 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

APPENDIX F-1

BTA Instructions to Bidders

BTA – and Benchmark – Bid Checklist

Each BTA bidder must provide complete information as requested and described in **Appendix B-2 - Bid Proposal Instructions and Required Information**. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required in the BTA bid submittal. Benchmark bidders must submit the same requirements as BTA bidders with the exception that Benchmark bids are exempt from submitting Appendix A-6, Appendix A-10, Appendix D, Appendix F-2, Appendix G-1, Appendix J, Appendix K, and Appendix S-1.

Bidders shall summarize the key issues list as part of their **Appendix B-2 - Bid Proposal Instructions and Required Information** narrative and also provide a redline to the pro forma documents included in **Appendix F-2 - BTA Documents**.

A	B	C
	2022AS RFP Bid Applicability	Bid must include completed Appendix
Appendix A	Resource Technical Specification	
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	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>Real Estate Specifications</i>	X
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix</i>	X
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	X
Appendix B-1 and B-1.1	Intent to Bid Form as submitted	X
Appendix B-2	Information Required in Bid Proposal (Bid Narrative)	X
Appendix C-1	Bid Summary and Pricing Input Sheet instructions	
Appendix C-2	Bid Summary and Pricing Input Sheet	X
Appendix C-3	Energy Performance Report	X
Appendix E-1	PPA Instructions to Bidders	
Appendix E-2.1 or E-2.2	Redline to PPA and exhibits	
Appendix E-3	Redline to Tolling Agreement and exhibits	
Appendix F-1	BTA Instructions to bidders	
Appendix F-2	Redline to BTA Term Sheet	X
Appendix G-1	Confidentiality Agreement	X
Appendix J	PacifiCorp Transmission Waiver	X
Appendix K	Operations and Maintenance Services	X
Appendix L	Non-Price Scoring Matrix	X
Appendix P	Equity Questionnaire	X
Appendix S-1	Berkshire Hathaway Energy Cyber Security Attestation	X

APPENDIX F-2

BTA Documents

[INCLUDED AS A SEPARATE ATTACHMENT]

For the 2022AS RFP, Appendix F-2 includes a term sheet¹² containing the major terms and conditions expected under a negotiated BTA.

¹² The BTAs term sheet will be updated to reflect: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements; 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon’s HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

APPENDIX G-1

Confidentiality Agreement

MUTUAL CONFIDENTIALITY AGREEMENT

This MUTUAL CONFIDENTIALITY AGREEMENT (this "Agreement") is entered into as of the ___ day of _____, 2022 (the "Effective Date"), by and between PacifiCorp, an Oregon corporation ("PacifiCorp"), and _____ ("Counterparty").

WHEREAS, Counterparty is submitting a bid in response to PacifiCorp's 2020AS 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: _____
Its: _____

By: _____
Its: _____

APPENDIX G-2

Non-Reliance Letter

825 N.E. Multnomah
Portland, Oregon 97232
(503) 813-5000

Date

[Name]

[Address]

Re: PacifiCorp's 2022AS 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.

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: _____

Date: _____

ACCEPTED AND AGREED:

[Insert Name of Party]

By: _____

Name: _____

Title: _____

Date: _____

APPENDIX H-1

2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections

P02-MM-CETA: 2015-2028

Year	Resource(s)	From	To	Description
2025	1,641 MW RFP Wind (2025)	Aeolus WY	Clover	Enables 1,930 MW of interconnection with 1700 MW of TTC: Energy Gateway South
2026	615 MW Wind (2026)	Within Willamette Valley OR Transmission Area		Enables 615 MW of interconnection: Albany OR area reinforcement
2026	130 MW Wind (2026)	Portland North Coast	Willamette Valley	Enables 2080 MW of interconnection with 1950 MW TTC; Portland Coast area reinforcement, Willamette Valley and Southern Oregon
	450 MW Wind (2032)		Southern Oregon	
	650 MW Battery (2037)			
2026	600 MW Solar+Storage (2026)	Borah-Populous	Hemingway	Enables 600 MW of interconnection with 600 MW of TTC: B2H Boardman-Hemingway
2028	41 MW Solar+Storage (2028) 377 MW Solar+Storage (2030)	Within Southern OR Transmission Area		Enables 460 MW of interconnection: Medford area reinforcement

APPENDIX H-2

2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections

Project Name	Bidder/Owner	Type	Location	Resource Size (MW)	Battery Size (MW)	Expected Online
Portland/N. Coast	TBD	Wind	NW Oregon	130	n/a	2025
Willamette	TBD	Wind	NW Oregon	615	n/a	2025
Borah Hemingway	TBD	Solar with Battery	Idaho	600	600	2025

APPENDIX H-3

Transmission Summary of OASIS Queue Positions

[INCLUDED AS A SEPARATE ELECTRONIC SPREASHEET (EXCEL FILE)]

Appendix H-3 is an excel spreadsheet which includes four tabs showing each of the following OASIS reports at the time of RFP issuance¹³ and are subject to change:

1. Active Serial Queue Positions
2. Executed Interconnection Agreements – Not in Service
3. Transition Cluster Study
4. First Annual Cluster Study (Cluster Study 1)

¹³ The figures provided in the application will be updated prior to RFP issuance.

APPENDIX I

Standards of Conduct; Separation of Functions

As a vertically-integrated utility with both transmission provider and merchant functions, 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 employees in the following business groups as Marketing Function employees 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 employees will not be involved in a Bidder's transmission or interconnection requests with PacifiCorp's Transmission Function, nor will such Marketing Function employees be permitted access to non-public transmission function information. All PacifiCorp employees 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.

APPENDIX J

PacifiCorp Transmission Waiver

SELLER AUTHORIZATION TO RELEASE GENERATION DATA TO PACIFICORP

[Interconnection Customer Letterhead]

Transmission Services
Attn: Director, Transmission Services
825 NE Multnomah, Suite 1600
Portland, OR 97232

RE: _____ Interconnection Request: Interconnection Position # _____

Dear Director:

_____ hereby voluntarily authorizes PacifiCorp's Transmission business unit to share _____'s generator interconnection information and generator meter data with marketing function employees of PacifiCorp, including, but not limited to those in the energy supply management group. _____ acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name

Title

Date

APPENDIX K

Operations and Maintenance Services

[PROVIDED AS SEPARATE ATTACHMENTS]

BTA bids only. Not required for PPA bids.

Bidder shall complete one or more of the following services and maintenance agreement term sheets as applicable for the type of resource bid:

Appendix K-1 Wind_SMA_Term_Sheet

Appendix K-2 BOP_OM_Term_Sheet

Appendix K-2 Solar_OM_Term_Sheet

Appendix K-3 Solar_Storage_OM_Term_Sheet

APPENDIX L¹⁴
Non-Price Scoring Matrix

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

All bidders are required to complete and self-score **Appendix L – Non-Price Scoring Matrix**. PacifiCorp will complete due diligence, audit and evaluate bidder’s responses.

¹⁴ Additional questions have been added and limited changes have been made to Appendix L based on stakeholder feedback, Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022 and evolving concerns about cyber security. See “Change Tracking Sheet” included in excel workbook.

APPENDIX M

Role 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 rules for Oregon, the Significant Energy Procurement rules for Utah and the Procurement of Energy rules for Washington.¹⁵
2. The Independent Evaluator will facilitate and monitor communications between PacifiCorp and bidders.
3. Receive benchmark and market bid responses.
4. Provide input to PacifiCorp on:
 - a. 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 market bids;
 - b. 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;
 - c. whether a bidder has met the criteria specified in any bidding process and whether to reject or accept non-conforming bid responses;
 - d. whether and when data and information should be distributed to bidders when it is necessary to facilitate a fair and reasonable competitive bidding process or has been reasonably requested by bidders;
 - e. whether to reject non-conforming bids for any reason or accept conforming changes; and
 - f. whether to return bid fees.
5. Ensure that all bids are treated in a fair and non-discriminatory manner.
6. Monitor, observe, validate and offer feedback to PacifiCorp and the Washington, Utah and Oregon Commissions on all aspects of the solicitation and solicitation process, including:
 - a. content of the solicitation;
 - b. evaluation and ranking of bid responses;
 - c. creation of a short list(s) of bidders for more detailed analysis and negotiation;
 - d. post-bid discussions and negotiations with, and evaluations of, shortlisted bidders; and
 - e. negotiation of proposed contracts with successful bidders.
7. Once the competing bids have been evaluated by PacifiCorp and the IEs, PacifiCorp and the IE will compare results.
8. Offer feedback to PacifiCorp on possible adjustments to the scope or nature of the solicitation or requested resources in light of bid responses received.
9. Solicit additional information on bids necessary for screening and evaluation purposes.
10. 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.

¹⁵ Public Utility Commission of Oregon Docket AR 600, In the Matter of Rulemaking Regarding Allowances for Diverse Ownership of Renewable Energy Resources, Order 18-324, August 30, 2018 and Utah Admin. Code R746-420.

11. 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.
12. Participate in and testify at Commission hearings on approval of the Solicitation and Solicitation Process and/or acknowledgement of the final shortlist.
13. Coordinate as appropriate and as directed by the Commissions with staff or evaluators designated by regulatory authorities from other states served by PacifiCorp.
14. The IEs shall always be included in communications involving PacifiCorp and the bidders as described in Appendix N - PacifiCorp's Organization for RFP Process.
15. The IEs shall prepare reports as defined under Washington, Oregon and Utah rules and provide them to the Commissions and PacifiCorp. The final reports shall be provided 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.

APPENDIX N

PacifiCorp's Organization 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. PacifiCorp has identified employees who will be responsible for the evaluation of the bids and employees who will be responsible for the development of any company benchmark resources. These employees and teams are also defined and described in Section 3.E of the 2022AS RFP. The evaluation and benchmark team will have separate responsibilities, will be required to attend a code of conduct training prior to RFP issuance, and will be required to sign code of conduct acknowledgement forms and adhere to the self-imposed code of conduct to ensure a fair and unbiased RFP evaluation and selection process.

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.

No members of the evaluation team will have contact or 2022AS RFP-related communication with any market or benchmark bidder regarding their bid unless the IEs are included. If any bidder attempts to contact a member of the evaluation team, the evaluation team will only respond if the IEs are included.

EVALUATION TEAM

Market and benchmark bid evaluations will be led and coordinated by the originators and power marketers of the Valuation and Commercial Business Group. The evaluation team will gather and coordinate inputs from employees in several PacifiCorp departments, including shared resources. Several work groups, including the portfolio optimization modeling team (IRP team), the credit, engineering, compliance, permitting and safety, and structure and pricing teams, will be treated as a shared resource to perform work for the evaluation team. The shared work group members will not share any information they obtain from the Evaluation Team with the Benchmark Team.

The roles and responsibilities of the members of the evaluation team are set forth below.

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 2022AS RFP-related contact or communication with any bidder unless the IE is included.

1. Evaluation Team – Origination, Power Marketing and Commercial Business

Roles: Members of the evaluation team will be responsible for overall coordination of the 2022AS RFP process, including bid process management for all proposals. Origination will have responsibility to coordinate with the IEs and employees in shared work groups responsible for evaluating certain bid criteria such as credit, engineering inputs, etc. Bidders will self-score their bids using the non-price scorecard, and evaluation team members will perform a validation and confirmation of the non-price score. The evaluation team will coordinate with members of the structuring and pricing and resource planning team to prepare bid inputs for PLEXOS and complete portfolio optimization modeling and price scoring. The evaluation team will work with members of the structure and pricing and resource planning teams to rank bids and recommend a final shortlist.

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 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the IE is included.

2. Structuring and Pricing

Roles: Members of PacifiCorp's structuring and pricing group will be responsible for validating the bid and benchmark inputs, preparing bid inputs for the portfolio optimization models and combining the price and non-price score to support the final shortlist determination.

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 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the evaluation team and the IEs are included.

3. Resource Planning

Roles: Members of PacifiCorp's IRP team will be responsible for the portfolio optimization and production cost modeling required to develop price scoring, portfolio optimization recommendations and the final shortlist.

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 resource planning team will have 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the evaluation team and the IEs are included.

4. Legal

Roles: Legal will be responsible for providing legal support to the various company functions, including supporting the Evaluation Team in reviewing contract redlines from bidders.

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

5. Regulatory

Roles: Regulatory will be responsible for providing regulatory guidance and filings 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.

6. Credit

Roles: Credit will be responsible for credit screening, evaluation and monitoring credit provisions 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.

7. Benchmark Team - Project Development

Roles: Project Development will be responsible for developing and submitting benchmark bids. Benchmark team members will have no communications with evaluation team members during the RFP process related to the benchmark or market bids without the oversight of the IEs.

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 2022AS RFP-related contact or communication with any market bidder related to their proposal.

8. Engineering

Roles: Engineering will be responsible for providing engineering guidance, reviews of and general support related to proposal design, equipment capability, capacity factors, and other specifications throughout the entire RFP process and will provide interface with the independent engineers hired to evaluate the proposal resource assessments.

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

9. Compliance, Permitting and Safety

Roles: Compliance, permitting and safety will be responsible for providing guidance, reviews and general support related to critical issues analyses, permitting, environmental, fish, wildlife, cultural, environmental, safety and other due diligence criteria 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.

APPENDIX O

PacifiCorp's Company Alternative (Benchmark Resources)

Proposed 2022AS RFP Company Benchmark Resources

- PacifiCorp intends to submit up to [thirty-seven (37)] individual Benchmark Resources. Benchmark Resources will be comprised of Market Options and Owned Options. For each of the Market Options, PacifiCorp will have a purchase option to purchase the entire project outright. Market Option resources will not be eligible to be bid into the RFP separately as either PPA or BTA bids.
- These will be new greenfield resources that will be constructed across PacifiCorp's transmission system.
- To be built on property either currently owned or leased by PacifiCorp, or on property that PacifiCorp will acquire rights to develop.
- Prospective Benchmark Resource sizes and tie-in locations as shown below:

Size (MW)	Technology	Benchmark Option Type	Location (POI)	Interconnection Status	Expected Life	Expected Efficiency	State
80	Wind	Market	BPA: Schultz Switchyard	N/A	30	TBD	WA
100	Solar	Market	Grandview 115kV Substation	N/A	25	TBD	WA
120	Wind	Market	Whitney 138kV Tap	N/A	30	TBD	WY
150	Wind	Market	Colstrip Substation	N/A	30	TBD	MT
150	Storage	Market	Troutdale Substation	N/A	20	TBD	OR
199	Solar	Market	Diamond Hill Substation	N/A	25	TBD	OR
199	Solar	Market	Fry Substation	N/A	25	TBD	OR
199	Solar	Market	Black Rock Substation	N/A	25	TBD	UT
200	Solar	Market	Yamsay - Klamath 230kV Tap	N/A	25	TBD	OR
199.9	Storage	Market	Clover Substation	Submitted on 4/1/22	20	TBD	UT
200	Storage	Market	Mercer Substation	N/A	20	TBD	UT
200	Solar	Market	Mercer Substation	N/A	25	TBD	UT
302	Solar	Market	Clover 345kV Substation	N/A	25	TBD	UT
330	Wind	Market	IPC: Boise Bench-Midpoint #2 230kV	N/A	30	TBD	ID
400	Solar	Market	Summer Lake - Burns 500kV Tap	N/A	25	TBD	OR
600	Wind	Market	Midpoint Substation	N/A	30	TBD	ID
600	Solar	Market	Borah Substation	N/A	25	TBD	ID
800	Wind	Market	Rogerson Substation	N/A	30	TBD	ID
30	Solar	Owned	Gunnison-Sigurd #1 Tap	LGIA Signed	25	TBD	UT
35	Solar	Owned	Ponderosa Substation	LGIA Signed	25	TBD	OR

50	Solar	Owned	Tooele - Horseshoe 46kV Tap	N/A	25	TBD	UT
80	Solar	Owned	Bar Nunn Substation	Submitted	25	TBD	WY
100	Wind	Owned	Evanston-Anschutz Tap	LGIA Signed	30	TBD	UT
119	Solar	Owned	Windstar Substation	Submitted on 3/4/2022	25	TBD	WY
160	Solar	Owned	Casper Substation	LGIA Signed; Submitted	25	TBD	WY
178	Solar	Owned	Emery Substation	LGIA Signed	25	TBD	UT
199.9	Storage	Owned	Aeolus Substation	Submitted on 4/1/22	20	TBD	WY
199.9	Storage	Owned	Anticline Substation	Submitted on 4/1/22	20	TBD	WY
199.9	Storage	Owned	Mona Substation	Submitted on 4/1/22	20	TBD	UT
199.9	Storage	Owned	Snow Goose Substation	Submitted on 4/1/22	20	TBD	OR
266	Solar	Owned	Shirley Basin Substation	Submitted on 3/4/2022	25	TBD	WY
450	Wind	Owned	TBD	To be studied in 2022 Interconnection Cluster	30	TBD	N/A
46	Solar	Owned	Dunlap Substation	Submitted on 3/4/2022	25	TBD	N/A
393	Storage	Market	Malin Substation	LGIA Signed	50	TBD	OR
400	Storage	Market	New Loco Mountain Substation	LGIA anticipated to be executed in April 2022	50	TBD	NT
500	Storage	Market	Rocky Reach-Columbia line (BPA or PSE)	BPA Interconnection Study in process	50	TBD	WA
500	Storage	Market	Oquirrh Substation	To be studied in 2022 Interconnection Cluster	50	TBD	UT

- Benchmark Resource bids will include costs assumptions consistent with the main RFP document Section 6.C, and specifically Table 4, where the Company lists the characteristics which will be used to determine the Net Cost of benchmark bids. These inputs will be provided to the IEs for review and comment.
- PacifiCorp will administer a competitive supply solicitation(s), on a case-by-case basis, for the wind turbines, solar panels, and battery systems required for all Owned Benchmark Resources. Procurement of equipment for Market Benchmark Resources will be conducted by third-party developers in coordination with PacifiCorp.
- PacifiCorp will administer a separate competitive solicitation(s) to secure firm fixed pricing to engineer-procure-construct and commission the balance of plant for Owned Benchmark Resources. Agreements with contractors for engineering, procurement, construction, and commissioning for Market Benchmark Resources will be conducted by third-party developers in coordination with PacifiCorp.
- All projects are expected to be able to be placed in service no later than December 31, 2027 with the exception of long-lead time resources which will be bid with commercial operations dates no later than December 31, 2028.
- All solar generating resources noted above may be bid as collocated battery storage component up to 100% of the nameplate capacity of the solar project and a [4] hour duration and may be bid separately as standalone solar subject to applicable bid fee requirements.

- Project efficiencies will be evaluated in coordination with experienced third-party engineers for Owned Benchmark Resources, and by third-party developers for Market Benchmark Resources in coordination with PacifiCorp.
- Transmission requirements, operating requirements, and dispatch requirements for Benchmark Resources will be evaluated pursuant to applicable Large Generator Interconnection Agreements and necessary Transmission Service Agreements for each resource.
- The Benchmark Resources will be constructed in compliance with PacifiCorp's specifications and 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 O&M facility.
- Benchmark Resources will include the following pro forma estimates for operations, maintenance and on-going capital expenditures:
 - Wind: 30 years
 - Solar & Solar plus Battery: 25 years
 - Battery: 20 years
 - Pumped Hydro Storage: 40-50 years (or federal license term)
- The Benchmark Resources costs will include allocated development costs, fees, permitting, project management and equipment costs.
- PacifiCorp would like to reserve the right to add or subtract additional benchmark resources to Appendix O over the next six months prior to the notice of intent to bid (NOI) deadline on November 17, 2022

APPENDIX P

Equity Questionnaire¹⁶

All bidders are requested to complete **Tab 1 Equity Inputs – All Bidders** and **Tab 2 All Bids- WA Customer Impacts**. California bidders are required to complete **Tab 3 Addtnl Questions - CA Bidders**.

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

¹⁶ Additional questions have been added to Appendix P based on stakeholder feedback and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022. See “Change Tracking Sheet” included in excel workbook.

APPENDIX Q

2021 Demand Response RFP – Requirements for Demand-side Bids

[INCLUDED AS SEPARATE ATTACHMENTS]

The 2021 Demand Response RFP was issued on February 21, 2021 and included the following Exhibit and Appendices, which have been incorporated into the 2022AS RFP and will be used to receive and evaluate demand-side bids¹⁷:

Appendix Q-1	Professional Services Contract
Appendix Q-1.01	Contract Exhibit A - Scope of Work and 2021 Demand Response RFP
Appendix Q-1.02	Contract Exhibit B - Pricing and Performance Template
Appendix Q-1.03	Contract Appendix B - Demand Side Tech Requirements
Appendix Q-1.04	Contract Exhibit C - Form of Acceptable Letter of Credit
Appendix Q-1.05	Contract Exhibit D - Form of Purchase Order
Appendix Q-1.06	Contract Exhibit E - Statutory Form of Lien and Claim Release California Work
Appendix Q-1.07	Contract Exhibit F - Contractor Health Safety and Environmental Requirements
Appendix Q-1.08	Contract Exhibit G - Expense Report Requirements for PacifiCorp Contractors
Appendix Q-1.09	Contract Exhibit H - Diversity Subcontractor Spend Report
Appendix Q-1.10	Contract Exhibit I - Prohibited Vendors
Appendix Q-1.11	Contract Appendix 1 Contractor Vendor Information Form

Demand-side resource bidders shall provide a redline or issues/exceptions list to the **Appendix Q Professional Services Contract** as well as the **Appendix Q-1.01 Scope of Work and 2021 Demand Response RFP**.

Demand-side bidders shall complete the **Appendix Q-1.02 Pricing and Performance Table** excel workbook.

In addition to the requirements contained in **Appendix Q – Appendix Q-1.11**, all demand-side resource bidders are required to provide, as applicable:

- Appendix A-1 Interconnection Studies and Agreements¹⁸
- Appendix G-1 Confidentiality Agreement
- Appendix L Non-Price Scoring Matrix

¹⁷ The ratio of price to non-price score used in the 2021 Demand Response RFP was 80 available points for price score and 20 available points for non-price scores. To be consistent with the 2022AS RFP, before the final RFP issuance, a third category will be added for a total of five points for Bid Submittal Completeness (new), to be consistent with supply-side resource non-price score categories, and the ratio will be updated to be 75 available points for price score and 25 available points for non-price scores.

¹⁸ Complete as applicable to capture additional information, pricing, etc. specific to demand-side distributed resource bids

All demand-side bidders are also requested to provide:

- Appendix B-1 Executed Notice of Intent to Bid and Appendix B-1.1 NOI Excel Spreadsheet
- Appendix J PacifiCorp Transmission Waiver, as applicable
- Appendix P Equity Questionnaire

APPENDIX Q-1

Professional Services Contract

[INCLUDED AS A SEPARATE ATTACHMENT]

APPENDIX R

Bid Scoring and Modeling

PacifiCorp proposes that all bids be scored considering two scoring methodologies, Case 1 and Case 2 as described below.

PacifiCorp's proposed 2022AS RFP price scoring approach is comprised of two methodologies both of which will be evaluated and discussed with the IEs. The first, Case 1, is embedded in the second, Case 2, which includes additional consideration for capacity contribution, as described in the examples below. PacifiCorp is proposing the two Case methodologies so that the Company and IEs can explicitly review and discuss how bids rank based on 1) net benefit to the system and 2) net benefit plus the value of deferring¹⁹ a proxy peaking resource whose costs will be included in the 2023 IRP.

As described in the main RFP document, Section 6, PacifiCorp's RFP team will provide bid preparation models to the portfolio optimization team and will also share those models with the IEs. Within the bid preparation models will be the results from a Location Capacity Cost model which will recast a bidder's production profiles to reflect the actual profiles of a given reference year (2018 was used in the 2021 IRP). In other words, while the total annual average generation provided in the bid will not change, 8760 net output will be reallocated across the year according to the performance of existing resources in that part of PacifiCorp's system as experienced by PacifiCorp in the reference year, aligning the windy and/or sunny days in the generation forecast for each resource with the comparable conditions of neighboring resources. The recast production profiles will be uploaded into PLEXOS along with leveled cost information. PLEXOS will then run its LT-MT-ST models and provide a final net system benefit for each resource in terms of \$/kW-mon, where kW is the resource's maximum output (the lower of its nameplate or LGIA limit).

The net benefit is simply the difference between the leveled costs provided by the bidder and the system benefit values identified by PLEXOS for each bid. The net benefit may be negative indicating a resource which reduces system costs for PacifiCorp's customers, or it may be positive indicating a resource which increases system costs, but which may or may not provide other value to the system. This net benefit will be used to create price scores in accordance with the two methodologies (Cases) provided below.

Micro-resources: In order to provide a price score for all resources, including those not picked as part of the portfolio optimization process, PacifiCorp will create micro versions of each bid²⁰ and upload the fractional (proportional) bid representation into PLEXOS to determine the micro-resource marginal net benefit and ultimately its price score. Because of the immaterial size of

¹⁹ Deferral basis is adjusted by the capacity contribution adjustment mechanism and may be complete or partial deferral.

²⁰ Sized at or below 100kW

the micro-resources, PacifiCorp will be able to upload and include micro-resource bids without impacting the ultimate bid portfolio selection.

After completion of the PLEXOS runs, PacifiCorp will have net benefit values for each micro-resource bid into the 2022AS RFP which will be used to determine price scores. The PLEXOS outputs will be provided to the IEs for their oversight purposes. A detailed description of the two scoring methodologies which will be prepared is provided below and an excel example demonstrating the math and formula behind each example is included as Appendix R-1:

Case 1 will provide initial “price scores” for each of the 2022AS RFP bids by ranking the net benefit of each bid against the range of “best” and “worst” bids submitted into the 2020AS RFP on a \$/kw-month basis. The tables below use for example the range of best to worst prices bids into the 2020AS RFP that are indicative of what might be offered in the 2022AS RFP. The range of best and worst bids sets a minimum (0) and maximum (75) “price” point range to be awarded.

Case 2 will provide PacifiCorp’s preferred “price score” for use in determining the price score for final bid ranking purposes, subject to review and adjustment in coordination with the IEs. The Case 2 scores will be calculated as the sum of i) each bid’s net benefit and ii) an additional capacity adder, or credit, for the resource’s contribution to system reliability, based on the cost of a peaking resource. The deferred peaking resource value (or capacity contribution adder) will be calculated as the product of a) each bid’s capacity contribution as determined in the Location Capacity Cost model with the bid preparation file and b) PacifiCorp’s “proxy” cost assumption for a peaking resource included in the 2023 IRP. The sum of the net benefit and capacity contribution adder will then be ranked using the same methodology as Case 1, where bids will be ranked based on a range of “best” and “worst” bids on a \$/kw-month basis. The example below shows how Case 2 bids perform against the best and worst bids from the 2020AS RFP. Consistent with Case 1, the best and worst bid prices set the minimum and maximum point range to be awarded in Case 2.

The following page includes examples.

Example Assumptions:

Bid Types: Each of Case 1 and Case 2 scoring methodologies show scoring calculations for four representative bids demonstrating how price scores would be calculated for each of the four potential bid types:

1. Bid 1: Low capacity contribution resource equal to 10%. Net cost to PacifiCorp system (positive difference between levelized cost and system benefit)
2. Bid 2: Same low capacity contribution. Same levelized cost, but net benefit to PacifiCorp system (negative difference)
3. Bid 3: High capacity contribution resource equal to 100%. Net benefit to PacifiCorp system (negative difference between levelized cost and system benefit)
4. Bid 4: Same high capacity contribution. Net cost to PacifiCorp system (positive difference)

Ranking: The highest and lowest net benefits realized from bid from the 2020AS RFP are used to force rank bids between zero and 75 potential price score points:

- 2020AS RFP: Most net benefit: -\$93/MW-mon²¹
- 2020AS RFP: Least net benefit (net cost): \$196/MW-mon

Case 1: Price scoring methodology used to rank all bids using PLEXOS benefit results (in dollars) based on the equation below:

$$\text{Bid Score}_x = \frac{[(\text{PLEXOS Bid Benefit of Score}_x - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}{\text{divided by: } [(\text{Highest ("best") Bid Net Benefit of ALL 2020AS RFP Bids} - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}$$

Where,

- the Lowest Bid Score = 75 points; and
- the Highest Bid Score = 0 points

Case 2: Price scoring methodology to rank all bids using PLEXOS benefit results (in dollars) and a capacity contribution adder based on the equation below:

$$\text{Bid Score}_x = \frac{[(\text{PLEXOS Bid Benefit of Score}_x - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}{\text{divided by: } [(\text{Highest ("best") Bid Net Benefit of ALL 2020AS RFP Bids} - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}$$

Plus, the positive benefit from;

[Proxy cost of new peaking resource in 2025-2027 X Capacity Contribution of the Project (from the Locational Capacity Cost (LCC) Model within the Bid Preparation model]

Where,

- the Lowest Bid Score = 75 points; and
- the Highest Bid Score = 0 points

²¹ Following consultation with the IEs, the high and low scores may be rounded for ease of scoring purposes.

By example,

Case 1:

Example Bids		Bid 1	Bid 2	Bid 3	Bid 4
Calculated Capacit Contribution from LCC Model		10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$130	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		<u>(\$70)</u>	<u>(\$90)</u>	<u>(\$160)</u>	<u>\$0</u>
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		\$10	<u>(\$10)</u>	<u>(\$30)</u>	\$100
Bid Score _x		48	53	59	25

This Case 1 example scores Net Benefit results from PLEXOS, by bid asset, then ranks each net benefit result within the range of results received from all bids received in the 2020AS RFP. It is clear in Case 1 that bids with net costs (positive difference) to the system perform poorly relative to bids with net benefits (negative difference), which is reflected in the price scores ranging from \$25 to \$59/kW-mon based on a net benefit range of \$196/kW-mon to -\$93/kW-mon realized in the 2020AS RFP bid results. The relative capacity contributions of the resources are not reflected in this indicative price scoring methodology.

Case 2:

Example Bids		Bid 1	Bid 2	Bid 3	Bid 4
Calculated Capacit Contribution from LCC Model		10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
->	Est. Cost of a Natural Gas Peaker (\$/kw-mon)	\$123.00	\$123.00	\$123.00	\$123.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$80	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		<u>(\$70)</u>	<u>(\$90)</u>	<u>(\$160)</u>	<u>\$0</u>
Added Value for Deferred NG Peaker Based on Capacity Contribution		<u>(\$12)</u>	<u>(\$12)</u>	<u>(\$123)</u>	<u>(\$123)</u>
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		<u>(\$2)</u>	<u>(\$22)</u>	<u>(\$203)</u>	<u>(\$23)</u>
Bid Score _x		51	57	75	57

This Case 2 example scores Net Benefit results from PLEXOS, by bid asset plus the capacity contribution adjusted value of a deferred peaking resource, then ranks the resultant net benefit result within the range of results received from all bids received in the 2020AS RFP.

It is clear by comparing Case 1 and Case 2 that bids with net costs (positive difference) to the system and lower capacity contribution factors perform relatively poorly as compared to bids with net benefits (negative difference) and higher capacity contributions, which is reflected in the price scores ranging from \$51 to \$75/kW-mon based on a net benefit range of \$196/kW-mon to -

\$93/kW-mon realized in the 2020AS RFP bid results. The relative capacity contributions of the resources are not reflected in the Case 1 price scoring methodology.

All pricing results from both Case 1 and Case 2, by bid, will be considered when determining a final price score to be summed with the non-price score, which will be used to rank bids for the 2022AS RFP. PacifiCorp will consult with all the IEs to determine whether Case 1 or Case 2 should be the preferred methodology before finalizing the price score and determining the final shortlist.

APPENDIX R-1

Bid Scoring Example

[INCLUDED AS A SEPARATE EXCEL ATTACHMENT]

APPENDIX S

Berkshire Hathaway Energy Cyber Security Requirements Applicable to PPAs, Tolling Agreements and BTAs

Cyber security is an evolving issue with growing importance to the electric power industry. Berkshire Hathaway Energy is developing security requirements for PPAs, Tolling Agreements and BTAs, which will be folded into contractual documents prior to the market bid deadline on February 14, 2023.

APPENDIX S-1

Berkshire Hathaway Energy Cyber Security Attestation

Berkshire Hathaway Energy is developing a cyber security attestations document which will be required of all PPAs, Tolling Agreements and BTA bidders providing a Notice of Intent to Bid due on November 17, 2023.



2022 All-Source Request for Proposals

(2022AS RFP)

ISSUED: Tuesday April 26, 2022

DUE DATES:

Benchmark Bids: Monday November 21, 2022 5:00 PPT

Market Bids: ~~Monday January 16~~Tuesday February 14,
2023 5:00 PM PPT

PacifiCorp
RFP 2022AS
Resource & Commercial Strategy
2022AS_RFP@PacifiCorp.com

TABLE OF CONTENTS

	Page
SECTION 1. OVERVIEW	1
A. PURPOSE AND SCOPE OF RFP	1
B. INTERCONNECTION REQUIREMENTS AND EXISTING CONSTRAINTS	3
C. TRANSACTION TYPE	4
D. BENCHMARK RESOURCES AND AFFILIATE TRANSACTIONS	5
E. OPERATING CAPABILITIES OF THE RESOURCE	5
SECTION 2. PROCEDURAL ITEMS	7
A. INDEPENDENT EVALUATOR	8
B. PACIFICORP RFP ORGANIZATION AND ROLES	9
C. STANDARDS OF CONDUCT; SEPERATION OF FUNCTIONS	11
D. CONFIDENTIALITY	11
E. PACIFICORP’S RESERVATION OF RIGHTS AND DISCLAIMERS	11
SECTION 3. GENERAL INFORMATION AND LOGISTICS	12
A. SCHEDULE	12
B. 2022AS RFP BIDDER CONFERENCE	13
C. INTENT TO BID FORMS	14
D. SUBMISSION OF QUESTIONS	14
E. SUBMISSION OF BIDS	15
F. PACIFICORP’S POSTING OF SECURITY	17
G. BID EVALUATION FEES	17
H. BID NUMBERING AND FILE NAMING CONVENTION	21
I. MINIMUM ELIGIBILTY REQUIREMENTS FOR BIDDERS	21
SECTION 4. RFP CONTENT AND SUBMITTAL INSTRUCTIONS	24
A. ALL PROPOSALS	24
B. GENERAL ORGANIZATION OF THE BID SUBMITTAL	24
C. PPA AND TOLLING AGREEMENTS PROPOSALS	25
D. BUILD TRANSFER AGREEMENT (BTA) PROPOSALS	26
SECTION 5. RESOURCE INFORMATION	28
A. BID INFORMATION AND PRICING INPUTS	28

B.	TECHNICAL SPECIFICATIONS.....	28
C.	RESOURCE PERFORMANCE ESTIMATE INFORMATION	28
D.	DIRECT INTERCONNECTION TO PACIFICORP’S SYSTEM (ON-SYSTEM BIDS).....	28
E.	TRANSMISSION SERVICE FOR DELIVERY TO PACIFICORP’S SYSTEM (OFF SYSTEM BIDS).....	29
F.	NETWORK TRANSMISSION SERVICE ON PACIFICORP’S SYSTEM.....	30
G.	TAX CREDITS AND/OR PROJECT INCENTIVES	30
H.	ACCOUNTING	30
I.	COST ASSOCIATED WITH DIRECT OR INFERRED DEBT.....	31
	SECTION 6. BID EVALUATION AND SELECTION	31
	OVERVIEW OF THE EVALUATION PROCESS.....	31
A.	BID ELIGIBILITY: CONFORMANCE TO MINIMUM REQUIREMENTS	33
B.	DUE DILIGENCE AND NON-PRICE SCORING.....	34
C.	BID PREPARATION INTO PLEXOS AND RESOURCE SHAPING.....	35
D.	PLEXOS ANALYSIS: BID SELECTION AND PORTFOLIO OPTIMIZATION	37
E.	FINAL SCORING AND RANKING TO RECOMMEND FINAL SHORTLIST.....	39
F.	BENCHMARK BID CONSIDERATIONS	40
G.	STATE REGULATORY CONSIDERATIONS	40
H.	RESOURCES NOT SELECTED TO FINAL SHORTLIST.....	41
	SECTION 7. AWARDING OF CONTRACTS	41
A.	INVITATION.....	42
B.	BASIS OF REJECTION.....	42
C.	NON-RELIANCE LETTER.....	42
D.	POST-BID NEGOTIATION.....	42
E.	SUBSEQUENT REGULATORY ACTION.....	43
F.	RFP RESULTS.....	43
	SECTION 1. OVERVIEW	1
A.	PURPOSE AND SCOPE OF RFP.....	1
B.	INTERCONNECTION REQUIREMENTS AND EXISTING CONSTRAINTS	3
C.	TRANSACTION TYPE.....	4
D.	BENCHMARK RESOURCES AND AFFILIATE TRANSACTIONS	5

E.	OPERATING CAPABILITIES OF THE RESOURCE.....	5
<u>SECTION 2. PROCEDURAL ITEMS.....</u>		<u>7</u>
A.	INDEPENDENT EVALUATOR.....	8
B.	PACIFICORP RFP ORGANIZATION AND ROLES.....	9
C.	STANDARDS OF CONDUCT; SEPERATION OF FUNCTIONS.....	11
D.	CONFIDENTIALITY.....	11
E.	PACIFICORP’S RESERVATION OF RIGHTS AND DISCLAIMERS.....	11
<u>SECTION 3. GENERAL INFORMATION AND LOGISTICS.....</u>		<u>12</u>
A.	SCHEDULE.....	12
B.	2022AS RFP BIDDER CONFERENCE.....	13
C.	INTENT TO BID FORMS.....	14
D.	SUBMISSION OF QUESTIONS.....	14
E.	SUBMISSION OF BIDS.....	15
F.	PACIFICORP’S POSTING OF SECURITY.....	17
G.	BID EVALUATION FEES.....	17
H.	BID NUMBERING AND FILE NAMING CONVENTION.....	21
I.	MINIMUM ELIGIBLTY REQUIREMENTS FOR BIDDERS.....	21
<u>SECTION 4. RFP CONTENT AND SUBMITTAL INSTRUCTIONS.....</u>		<u>24</u>
A.	ALL PROPOSALS.....	24
B.	GENERAL ORGANIZATION OF THE BID SUBMITTAL.....	24
C.	PPA AND TOLLING AGREEMENTS PROPOSALS.....	25
D.	BUILD TRANSFER AGREEMENT (BTA) PROPOSALS.....	26
<u>SECTION 5. RESOURCE INFORMATION.....</u>		<u>28</u>
A.	BID INFORMATION AND PRICING INPUTS.....	28
B.	TECHNICAL SPECIFICATIONS.....	28
C.	RESOURCE PERFORMANCE ESTIMATE INFORMATION.....	28
D.	DIRECT INTERCONNECTION TO PACIFICORP’S SYSTEM (ON SYSTEM BIDS).....	28
E.	TRANSMISSION SERVICE FOR DELIVERY TO PACIFICORP’S SYSTEM (OFF SYSTEM BIDS).....	29
F.	NETWORK TRANSMISSION SERVICE ON PACIFICORP’S SYSTEM.....	30
G.	TAX CREDITS AND/OR PROJECT INCENTIVES.....	30

H.	ACCOUNTING	30
I.	COST ASSOCIATED WITH DIRECT OR INFERRED DEBT.....	31
<u>SECTION 6. BID EVALUATION AND SELECTION</u>		<u>31</u>
<u>OVERVIEW OF THE EVALUATION PROCESS.....</u>		<u>31</u>
A.	BID ELIGIBILITY: CONFORMANCE TO MINIMUM REQUIREMENTS	33
B.	DUE DILIGENCE AND NON-PRICE SCORING.....	34
C.	BID PREPARATION INTO PLEXOS AND RESOURCE SHAPING.....	35
D.	PLEXOS ANALYSIS: BID SELECTION AND PORTFOLIO OPTIMIZATION	37
E.	FINAL SCORING AND RANKING TO RECOMMEND FINAL SHORTLIST.....	39
F.	BENCHMARK BID CONSIDERATIONS	40
G.	STATE REGULATORY CONSIDERATIONS	40
H.	RESOURCES NOT SELECTED TO FINAL SHORTLIST.....	41
<u>SECTION 7. AWARDING OF CONTRACTS</u>		<u>41</u>
A.	INVITATION.....	42
B.	BASIS OF REJECTION.....	42
C.	NON-RELIANCE LETTER.....	42
D.	POST-BID NEGOTIATION.....	42
E.	SUBSEQUENT REGULATORY ACTION.....	43
F.	RFP RESULTS.....	43

Appendices

- APPENDIX A Technical Specifications and Required Submittals
- APPENDIX B-1 Notice of Intent to Bid
- APPENDIX B-2 Bid Proposal Instructions and Required Information¹
- APPENDIX C-1 Bid Summary and Pricing Input Sheet Instructions
- APPENDIX C-2 Bid Summary and Pricing Input Sheet
- APPENDIX C-3 Energy Performance Report
- APPENDIX D Bidder's Credit Information
- APPENDIX E-1 PPA and Tolling Agreement Instructions to Bidders
- APPENDIX E-2 PPA Documents²
- APPENDIX E-3 Tolling Agreement Documents³
- APPENDIX F-1 BTA Instructions to Bidders
- APPENDIX F-2 BTA Documents⁴
- APPENDIX G-1 Confidentiality Agreement

¹ Changes to Appendix B-2 and other appendices have been provided as redlines to the Appendix Umbrella document based on stakeholder feedback, and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022.

² The following updates will be made to the proforma PPAs: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) the curtailment language will be adjusted to further clarify that curtailments as a result of PacifiCorp's market scheduling and economic dispatch will be compensable; 3) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 4) updated cyber security requirements, 5) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 6) other conforming changes consistent with the 2020AS RFP negotiations.

³ The following updates will be made to the proforma tolling agreements: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements, 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

⁴ The BTAs pro forma documents will be similarly updated 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Sellers will be required to provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements, 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

APPENDIX G-2 Non-Reliance Letter

APPENDIX H-1 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections

APPENDIX H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections

APPENDIX H-3 PacifiCorp Transmission: Summary of OASIS queue positions

APPENDIX I Standards of Conduct; Separation of Functions

APPENDIX J PacifiCorp Transmission Waiver

APPENDIX K Operations and Maintenance Services

APPENDIX L Non-Price Scoring Matrix⁵

APPENDIX M Role of the Independent Evaluator⁶

APPENDIX N PacifiCorp's Organization for RFP Process

APPENDIX O PacifiCorp's Company Alternative (Benchmark Resource)

APPENDIX P Equity Questionnaire⁷

APPENDIX Q 2021 Demand Response RFP – Requirements for Demand-side Bids⁸

APPENDIX Q-1 Professional Services Contract

[APPENDIX R Bid Scoring and Modeling](#)

[APPENDIX R-1 Bid Scoring Example](#)

[APPENDIX S Berkshire Hathaway Energy Cyber Security Requirements](#)

[APPENDIX S-1 Berkshire Hathaway Energy Cyber Security Attestation](#)

⁵ Additional questions have been added and limited changes have been made to Appendix L based on stakeholder feedback. [and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022 and in response to evolving concerns about cyber security.](#)

⁶ [Updated consistent with UM2193 Response Filing](#)

⁷ Additional questions have been added to Appendix P based on stakeholder feedback [and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022.](#)

⁸ The Appendix Q demand response price/non-price score will be updated to be consistent with the 2022AS RFP 75/25 split. [A third category will be added for a total of five points for Bid Submittal Completeness \(new\), to be consistent with supply-side resource non-price score categories.](#) By September 1, 2022, PacifiCorp will update its all-source RFP to incorporate necessary changes and relevant updates to all relevant documentation (including, but not limited to, procurement specifications, evaluation methodology, and scoring rubric) if incremental demand response resources are identified in Washington as the Company finishes contracting for its 2021 demand response RFP.

SECTION 1. OVERVIEW

A. PURPOSE AND SCOPE OF RFP

PacifiCorp established an action item out of PacifiCorp's 2021 Integrated Resource Plan (IRP) to conduct an all-source request for proposals (2022AS RFP) and acquire new resources. The 2021 IRP preferred portfolio includes the following incremental resources:⁹

1. 1,345 megawatts (MW) of new proxy supply-side wind and solar generation resources and 600 MW of collocated energy storage resources with commercial operation date ("COD") by December 31, 2026.¹⁰
2. new proxy demand response resources.¹¹

The 2022AS RFP will accept and evaluate all resource types,¹² including small-scale and distributed resources, which meet the minimum criteria of this RFP listed in Section 3.I. Prior to the determination of the final shortlist bids in ~~April~~July 2023, the 2022AS RFP will incorporate the results of any separate, voluntary targeted demand response RFP. The two RFPs will dovetail and be evaluated at the same time using the IRP portfolio optimization models. Resource procurement to be pursued as part of the 2022AS RFP process timeline include:

1. This all-source RFP (2022AS RFP) released in April 2022 with market bids due ~~January 16~~February 14, 2023, and
2. In the event additional demand response resource need is identified through Company planning processes, a voluntary targeted demand-side resource RFP will be issued by August 31, 2022.

⁹ [2021 IRP Volume I \(pacificorp.com\)](https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf):

<https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf>

¹⁰ The figures for solar and wind exclude resource capacity added to meet assumed customer preference targets that are included in the 2021 IRP preferred portfolio.

¹¹ 274 MW of proxy demand response resources were selected between 2022-2026 in the 2021 IRP. The Company is currently expanding its existing programs and contracting for new demand response resources identified in the 2021 demand response RFP, therefore total demand response resources needed may differ prior to the issuance of any further demand side RFP.

¹² WAC 480-107-009 Required all-source RFPs and conditions for voluntary targeted RFPs. (1) All-source RFP requirements. All-source RFPs must allow bids from different types of resources that may fill all or part of the characteristics or attributes of the resource need. Such re-source types include, but are not limited to, unbundled renewable energy credits, conservation and efficiency resources, demand response or other distributed energy resources, energy storage, electricity from qualifying facilities, electricity from independent power producers, or other resources identified to contribute to an equitable distribution of energy and nonenergy benefits to vulnerable populations and highly impacted communities.

Demand response bidders may bid into one or both of the RFPs.¹³

Bidders bidding into the 2022AS RFP will be required to pay a bid fee and provide firm pricing at the time of bid and hold bids through November 21, 2023.

PacifiCorp will use the results of this 2022AS RFP as well as any voluntary targeted demand-response RFP to fulfil resource needs for system customers and state compliance obligations. The resource valuation and selection process will be based on PLEXOS, the portfolio optimization tool used for the IRP to ensure process consistency and fairness to the customers across PacifiCorp's six state territory.

After PacifiCorp selects the least cost, least risk resources on behalf of all system customers consistent with the resource need identified in the 2021 IRP,¹⁴ PacifiCorp may find it requires additional resources to comply with regulations in one or more of its six states.¹⁵ Following the selection of system resources for the final shortlist on behalf of PacifiCorp's six-state customers, PacifiCorp will consider additional compliance requirements for specific states with clean energy compliance obligations, and potentially add state-specific resources to ensure those compliance obligations are met. This secondary, discretionary process will not impact the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements. Any additional acquisitions, in order to meet Washington CETA compliance obligations for example, will be allocated to the state(s) where the obligation requires additional resources.

Following PacifiCorp's selection of resources for system customers and any additional resources required to meet specific state compliance obligations, PacifiCorp may conduct a secondary process to match renewable resource bids not chosen to the final shortlist with customers interested in voluntary renewable programs. This secondary, discretionary process will not impact the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements.

The 2022AS RFP will consider new and existing resources so long as they can achieve commercial operation and/or begin deliveries to PacifiCorp by December 31, ~~2026-2027~~; however, PacifiCorp has a preference for bids which can come online by the end of 2025 or during 2026. PacifiCorp

¹³ The Company is currently in the process of contracting demand response resources from the 2021 DR RFP. The company also has significant DR resources on the system that can be expanded to meet certain resource needs. Thus, while the 2021 IRP identified additional demand response resource needs, the Company may or may not have an incremental need beyond existing programs and ongoing procurement efforts. In the event additional demand response resource need is identified, PacifiCorp will issue a voluntary targeted RFP by August 31, 2022 outlining the specific remaining incremental resource needs, including type, location and timing.

¹⁴ The estimated avoided cost will be based on the values determined through the IRP modeling process. Values can be found in Volume I, Chapter 8 (Modeling and Portfolio Evaluation Approach) and Chapter 9 (Modeling and Portfolio Selection). PacifiCorp provides a preliminary determination of accrual of energy and non-energy benefits within Volume II, Appendix O (Washington Clean Energy Action Plan).
<https://www.pacificorp.com/content/dam/pcorp/documents/en/pacificorp/energy/integrated-resource-plan/2021-irp/Volume%20I%20-%209.15.2021%20Final.pdf>

¹⁵ Washington CETA and Oregon HB2021

will also consider bids for long-lead time resources,¹⁶ so long as commercial operation can be achieved by December 31, 2028. Bidders who may have questions about resource eligibility should submit a question to PacifiCorp for clarification along with documentation supporting their contention that the resource would qualify as a long-lead time resource. Resources bid into the 2022AS RFP must be capable of timely interconnecting with PacifiCorp's transmission system (PACE or PACW) or, in the case of resources interconnecting to a third-party transmission system, delivering to PacifiCorp's transmission system prior to the bidder's proposed COD.

This document outlines the 2022AS RFP rules and processes. PacifiCorp is not bound to accept any bids and may cancel this solicitation at any time and at its own discretion.

B. INTERCONNECTION REQUIREMENTS AND EXISTING CONSTRAINTS

Resources bid into the 2022AS RFP must demonstrate their ability to interconnect with or, in the case of resources interconnecting to a third-party transmission system, deliver to PacifiCorp's transmission system. Bids must include at least a completed interconnection study by the applicable interconnection provider (PacifiCorp Transmission or the applicable third-party transmission provider if the project is or will propose to be interconnected to a third-party system), which may include a i) completed fast track interconnection study,¹⁷ ii) completed PacifiCorp Transmission cluster study, or iii) signed interconnection agreement. In the case of proposed projects that have or propose to interconnect with a third-party transmission system, bids must further provide satisfactory evidence of firm point-to-point transmission rights sufficient to deliver the full output of the project to PacifiCorp's transmission system on or before December 31, ~~2026~~2027, or December 31, 2028, for long-lead time resources and must detail all actual or estimated transmission costs.

The 2021 IRP included a schedule of potential transmission upgrades provided in **Appendix H-1 – 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections**,¹⁸ and the IRP preferred portfolio picked proxy resources in the locations enabled by associated transmission upgrades selected by the 2021 IRP preferred portfolio as summarized in **Appendix H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections**.

Bidders are encouraged to research the publicly available information related to executed LGIAs, PacifiCorp Transmission's Transition Cluster Study, and PacifiCorp Transmission's Cluster Study I available on PacifiCorp's Open Access Same-time Information System (OASIS). In **Appendix H-3 -**

¹⁶ Nuclear, geothermal or pumped storage hydro for example. Other long-lead resources approved on a case-by-case basis via request to the RFP inbox and in consultation with the IEs. Resources are considered long-lead time resources if they require a state or federal licensing process and a prolonged construction cycle outside the normal scope of wind/solar renewable development cycle projects. Such federal licensing requirement do not include pursuing federal (BLM) land rights.

¹⁷ Section 50 in the OATT (V. SMALL GENERATION INTERCONNECTION SERVICE)

¹⁸ August 27, 2021 IRP meeting, slide 8: [8.27.2021 PacifiCorp IRP PIM](#)

PacifiCorp Transmission: Summary of OASIS queue positions, PacifiCorp has provided a summary of the following OASIS reports at the time of RFP issuance:

1. Active Serial Queue Positions
2. Executed Interconnection Agreements – Not in Service
3. Transition Cluster Study
4. First Annual Cluster Study (Cluster Study 1)

The signed LGIAs are binding contractual agreements with PacifiCorp’s Transmission function, and therefore, reflect reserved interconnection capacity in certain locations on PacifiCorp’s transmission system. Such LGIAs may be updated from time-to-time subject to the Open Access Transmission Tariff (OATT) rules as requests may be withdrawn and consequently areas and individual resources may be restudied.

[PacifiCorp will conduct a Workshop or Technical Conference for bidders regarding the interconnection process and transmission assessment shortly after issuance of the RFP on May 4, 2022.](#)

C. TRANSACTION TYPE

PacifiCorp is accepting qualified proposals for i) existing resources from bidders who currently own or have legally binding rights to operate existing resources, and ii) new resources from bidders with development rights to construct new resources. PacifiCorp will accept bids in the 2022AS RFP from existing operating facilities subject to the following conditions:

- Bidder cannot terminate an existing contract to bid into the 2022AS RFP;
- The existing contract must expire before the required on-line date as proposed in a bidder's bid but no later than December 31, ~~2026~~2027; and
- Bid must meet all other requirements in the 2022AS RFP.

Resources must be individually metered and remotely monitored. PacifiCorp has a preference for resources which can be dispatched but will also accept non-dispatchable resources.

PacifiCorp will consider proposals with the following transaction structures:

1. Benchmark transaction whereby the utility proposes to develop, construct, own and operate a bid project. Under this transaction structure, PacifiCorp will be responsible for all required development, design, equipment supply, construction, commissioning, and performance testing.
2. Build-transfer transaction whereby the bidder develops the project, assumes responsibility for construction and ultimately transfers the asset to PacifiCorp in accordance with the terms of a build-transfer agreement (BTA). Under this transaction structure, the bidder will be responsible for all development, design, equipment supply, construction, commissioning, and performance testing, and will be required to design and construct the resource in conformance with PacifiCorp’s specifications. PacifiCorp will only be acquiring the bidder’s assets under the BTA structure and will not consider BTA bids that involve the ultimate transfer of a project company to PacifiCorp. PacifiCorp provides a term sheet with this RFP that must guide any BTA bid. PacifiCorp will accept

- BTA offers for all resource types but only resources interconnecting directly to PacifiCorp's transmission system.
3. Power-purchase agreement (PPA) transaction with exclusive ownership by PacifiCorp of any and all energy, capacity, ancillary services and environmental attributes associated with the generation. PacifiCorp will consider PPA terms between 5 and 30 years.¹⁹ PacifiCorp provides two forms of PPA: generation-only resources and generation resources collocated with a battery energy storage system (BESS) resource. With respect to collocated resources, the term length must be the same term for both the generation and the storage resource. PacifiCorp is requiring full dispatch control of the collocated or standalone battery (charge and discharge) as addressed in contractual terms in the applicable appendices to this 2022AS RFP.
 4. Tolling Agreement, transaction whereby PacifiCorp controls the output of a standalone storage resource (BESS, Pumped storage hydro (PSH) or other). PacifiCorp will consider Tolling Agreement terms between 5 and 30 years, or for PSH bids up to the term of the operating license.
 5. Professional Services Contract for demand-side bids included in **Appendix Q-1 – Professional Services Contract**.

D. BENCHMARK RESOURCES AND AFFILIATE TRANSACTIONS

PacifiCorp may submit one or more self-build ownership proposals (benchmark resources) which are further described in **Appendix O - PacifiCorp's Company Alternative (Benchmark Resource)**. Benchmark bids will be required to submit all of the same RFP requirements as third-party BTA bids, as listed in Appendix F-1 BTA Instructions to Bidders with the exception of Appendix D, Appendix E-2, Appendix F-2, Appendix G-1, Appendix J, Appendix K, and Appendix S-1. As discussed in more detail in Section 6.F below, any PacifiCorp benchmark resource bids will be reviewed and evaluated by PacifiCorp's evaluation team, and both PacifiCorp and the IE(s) will have filed their evaluations of such benchmark resource bids with the Commission(s) consistent with the rules in each state, prior to PacifiCorp commencing review and evaluation of the non-market bids.

In order to provide for a transparent and fair process, the RFP will be conducted under the oversight of three IEs as further described in Section 2.A. The IEs will have been involved in the development of the RFP and will ensure the RFP process is conducted in a fair and reasonable manner. Potential bidders are invited and encouraged to contact the Oregon, Utah or Washington IE with questions or concerns. More information concerning the role of the IE is provided in **Appendix M - Role of the Independent Evaluator**.

E. OPERATING CAPABILITIES OF THE RESOURCE

PacifiCorp has a preference for dispatchable, renewable energy resources, standalone energy storage and collocated BESS with renewable energy generating resources. With respect to bids

¹⁹ Longer terms matching a bidder's operational license will be accepted.

including storage, PacifiCorp is requiring full dispatch control of the collocated or standalone battery (charge and discharge) as addressed in contractual terms in the applicable appendices to this 2022AS RFP. All collocated storage bids shall be i) AC-coupled, ii) sized so that the storage power capacity rating is nominally greater than 50% of the nameplate capacity of the collocated generating resource, and iii) four-hour duration or longer, ~~and iv)~~. All PPAs should be bid as an augmented system capable of maintaining the original storage power capacity and duration rating for the contract term, or otherwise able to maintain original capability, as bid. BTAs should offer unaugmented storage bids; however the storage facility should be developed and designed to allow for future augmentation in accordance with the specifications in Appendix A – Technical Specifications and Required Submittals. Benchmark resources shall be bid consistent with Appendix O - PacifiCorp’s Company Alternative (Benchmark Resource).

All bids should comply with technical and operating specifications for Automated Generation Control (AGC) for automated signal operation and Automatic Voltage Regulation functionality and **be capable of following a four second signal**. Bidders should review and understand the North America Electric Reliability Corporation (NERC) guidelines regarding technical requirements.²⁰ A more detailed description of operating requirements and specifications is included in **Appendix A – Technical Specifications and Required Submittals** by resource type.

Bidders must provide a description of the plant communications and control plan as part of their **Appendix C-3 – Energy Performance Report** response. The plan shall include a description and diagrams (as applicable) that demonstrate how bidder will provide BESS systems data, including state of charge, power charge/discharge status, and asset health indicators (temperature, HVAC alerts, emergency status, etc.) as well as BESS system control, including limitation of charging only from renewable energy production, if applicable, charge/discharge scheduling, and station service load²¹.

All forms of storage systems (Lithium Ion, Flow Battery, Pumped Storage Hydro etc.) are eligible to bid into its 2022AS RFP. When offered as part of a collocated renewable generating resource, PacifiCorp has a preference for BESS that has a power capacity rating that is 100% of the nameplate capacity and with duration of four hours or longer;²² however, PacifiCorp’s preferences have no impact on the final bid scoring. Both collocated or standalone BESS BTA bid must conform to both the generating resource specifications and the BESS specifications in **Appendix A – Technical Specifications and Required Submittals**. Bids should ensure the BESS specifications are consistent between **Appendix B-2 – Bid Proposal Instructions and Required Information**, **Appendix C-2 – Bid Summary and Pricing Input Sheet** and **Appendix C-3 – Energy Performance Report** responses.

Collocated storage bids must be AC-coupled with centralized storage designs. ~~PPA and Tolling agreements~~ PPAs with collocated batteries should be bid with augmentation, whereas BTAs

²⁰ Please refer to NERC, Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources, September 2019.

²¹ All station service must be metered and purchased via retail tariff with load serving utility. Standalone and collocated BESS systems may not use charging energy or stored energy for station service.

²² PacifiCorp’s preferred portfolio is shown in Table 9.17 of Volume I of its 2021 IRP. The reasons for storage sizing in the preferred portfolio are discussed in Chapters 5 and 8.

should ~~be bid without~~ offer unaugmented bids based on designs which allow for augmentation, at PacifiCorp's election. Benchmark resources should be bid consistent with **Appendix O - PacifiCorp's Company Alternative (Benchmark Resource)**. Battery augmentation is the replacement or addition of new batteries to an existing battery resource to assure performance based on contractual requirements. For more guidance on PacifiCorp's storage need, bidders are encouraged to review **Appendix A-1.6 Battery Storage Specification** and also review resource selection in PacifiCorp's most recent 2021 IRP.

Generation and storage resources that are bid as a BTA must meet both the general technical specifications and the resource-specific technical specifications defined in **Appendix A – Technical Specifications and Required Submittals**.

Demand-side resources: Bidders must comply with technical specifications listed in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**.

SECTION 2. PROCEDURAL ITEMS

PacifiCorp will evaluate proposals based on the following:

- Conformance with the RFP minimum eligibility requirements,
- Cost to customers, which is modeled by PacifiCorp as associated with the bid,
- The deliverability – or viability – of the resource including: ability to interconnect or otherwise deliver to PacifiCorp by the proposed COD, site control, development maturity (status of site studies (geotechnical/cultural/environmental/avian/wildlife/fish), permitting status, developer's experience, procurement and supply chain plan, and demonstration that the project's COD will be achieved by December 31, ~~2026~~2027, or in the case of long-lead time resources, the ability to reach commercial operation by 2028,
- Conformance with the 2022AS RFP requirements related to transmission and interconnection (see Section 5.D and 5.E),
- Technical design, feasibility, and compliance with **Appendix A – Technical Specifications and Required Submittals**.
- Ability to provide acceptable credit security as determined per **Appendix D – Bidder's Credit Information**.²³
- Ability to reach a mutually agreeable contract generally in conformance with the terms attached in **Appendix E-2 – PPA Documents**, **Appendix E-3 – Tolling Agreement Documents**, or **Appendix F-2 – BTA Documents**, or **Appendix Q-1 – Professional Services Contract** for Demand-side Bids.

²³ Security in Appendix D and Appendix E-2, E-3 and F-2 proforma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.

- Resources allocated to the state of Washington will be further evaluated according to WAC 480-107-035, including risks and benefits to vulnerable populations²⁴ and highly impacted communities (“equity” criteria).
- Resources located and delivered to PacifiCorp’s system in California will be further evaluated according to Rulemaking 18-07-003.
- Demand-side resources will be evaluated according to **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**. For the purposes of the all-source RFP, demand-side resources are asked to follow the same process and complete the similar documents as the 2021 demand response RFP.²⁵

Bidder is responsible for all bidder fees and all costs and expenses of any response to PacifiCorp in connection with its proposal for the 2022AS RFP. Such expenses may include but are not limited to i) bidders cost of providing additional information, ii) a required success fee if project is selected to the final shortlist, and iii) bidder's own expenses in negotiating and reviewing any documentation. PacifiCorp will have no liability 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.

A. INDEPENDENT EVALUATOR

PacifiCorp is conducting the 2022AS RFP under the oversight of three independent evaluators (IEs). An IE has been retained by PacifiCorp on behalf of the Public Utility Commission of Oregon (Oregon Commission) as required by Oregon Administrative Rules § 860-89-200.²⁶ A second IE has been retained by PacifiCorp on behalf of Washington Utilities and Transportation Commission (UTC) as required by WAC 480-107-023. The Utah Public Service Commission (Utah Commission) has also retained their own IE consistent with Utah guidelines in Utah Admin. Code R746-420. The IEs will be involved in development of the RFP and provide oversight to ensure the RFP process is conducted in a fair and reasonable manner. Potential bidders are invited and encouraged to contact the Oregon IE, the Washington IE and/or the Utah IE with questions or concerns. More information concerning the role of the IE is provided in **Appendix M – Role of the Independent Evaluator** for each of the states.

Contact information for each IE is as follows:

Independent Evaluators:
<p style="text-align: center;">OREGON – PA Consulting Group, Inc. Charles Janecek 2022as_ie@paconsulting.com 303-250-5060</p>

²⁴ As defined in WAC 480-100-605.

²⁵ PacifiCorp conducted a demand response RFP in 2021 and intends to issue a demand-side RFP in Q3 2022. Please reference **Appendix Q - 2021 Demand Response RFP - Requirements for Demand-side Bids**.

²⁶ Oregon’s competitive bidding rules were adopted in Public Utility Commission of Oregon Docket AR 600, *In the Matter of Rulemaking Regarding Allowances for Diverse Ownership of Renewable Energy Resources*, Order 18-324 (August 30, 2018).

Independent Evaluators:
WASHINGTON – Bates White, LLC Frank Mossburg frank.mossburg@bateswhite.com 202-652-2194
UTAH - Merrimack Energy Wayne Oliver MerrimackIE@merrimackenergy.com 781-856-0007

B. PACIFICORP RFP ORGANIZATION AND ROLES

The RFP organization and roles were established by PacifiCorp before issuance of this RFP. The RFP teams shall consist of i) an RFP evaluation team, ii) a project development (benchmark) team, and iii) other general support, shared resource teams such as but not limited to the IRP, engineering and customer solutions teams. Members of the evaluation and benchmark teams will work in separate physical locations to protect the integrity of the RFP process and will not be allowed to confer on items related to the 2022AS RFP, proposed benchmark resources, or other market bids. Prior to the benchmark bid deadline, benchmark bids shall be saved in drives that the evaluation team is not able to access. Following receipt of the benchmark bids, the RFP evaluation team will save all market bids, price and non-price scorecards and other evaluation documents to drives which the project development (benchmark) team does not have access to. ~~Results~~Non-price scores and the results of initial PLEXOS analyses and pricing against proxy resources conducted by the RFP evaluation team ~~prepared for use in Plexos (compliance with OAR 860-089-0350, including bid preparation models),~~ will be submitted to the IEs for their retention prior to ~~Plexos~~PLEXOS modeling.

Members of the RFP Evaluation Team, Project Development (Benchmark) Team, and Shared Resource teams will be allowed to communicate and collaborate on work unrelated to the selection of bids in the 2022AS RFP, such as, for example, engineering and technical support for ongoing contractual negotiations.

- RFP Evaluation Team – Valuation and Commercial Business (Origination and Structuring and Pricing)
 - Responsible to coordinate with the IE and all of the RFP Evaluation Team members and perform the evaluation of the non-price components of the bid analysis.
 - Responsible for evaluation of the benchmark and market resource bids.
 - Responsible for overseeing the modeling and preparation of bid inputs to the IRP models. Responsible for preparing bid inputs for the IRP modeling.
 - Responsible for evaluation of the applicable environmental, siting and facilities permits and other environmental studies for the project bid and coordination with the Environmental group as needed.
 - Responsible for overseeing the credit screening, evaluation and monitoring throughout RFP process.
 - Responsible for confirming compliance and legal review of submitted bid documents.

- Project Development (Benchmark) Team - PacifiCorp employees isolated from the RFP Evaluation Team in RFP bid review and selection
 - Responsible for development and submittal of any Benchmark Resource Bid(s)
- Shared Resources Teams:
 - Shared resource teams will perform specific portions of the benchmark and market bid evaluation with oversight by the RFP Evaluation team and ultimately the IEs. Members of the Shared Resources team will not share information to the Project Development (benchmark) Team related to market bids or bidders.
 - Engineering Team
 - PacifiCorp employees responsible for evaluating technical assumptions, including compliance with **Appendix A - Technical Specifications and Required Submittals** and validation of **Appendix C-3 Energy Performance Report** in conjunction with 3rd party consultant.
 - Customer Solutions Team
 - PacifiCorp employees responsible for evaluating demand-side resources including distributed energy and demand response bids and who may also be issuing voluntary targeted request for proposals in Q3 2022.
 - Credit
 - Responsible for assessing bidder organization and creditworthiness qualifications.
 - Compliance, Permitting and Safety
 - Responsible for evaluating bids with respect to siting, cultural, avian, wildlife, fish, environmental, permitting and safety criteria.
 - Legal
 - Responsible for general legal support, including supporting the RFP Evaluation Team in evaluating bidder comments and redlines to pro forma contract forms and term sheets.
 - Regulatory
 - Responsible for ensuring compliance with state procurement rules and other requirements such as Washington CETA, Oregon HB2021, etc.
 - PacifiCorp Transmission
 - Responsible for providing general subject matter expert support. PacifiCorp Transmission may also be consulted by the RFP Evaluation Team regarding interconnection and transmission information pertinent to a bid, subject to a bidder-signed and posted waiver on OASIS for bid specific discussions.
 - IRP Team
 - The IRP Team will be treated as a shared resource to perform work for the RFP Evaluation Team in running ~~Plexos~~**PLEXOS** models. The IRP Team will not share any information it obtains from the RFP Evaluation Team with the Project Development (Benchmark) Team, and the IRP Team will not share with either the RFP Evaluation Team or Project Development (Benchmark) Team, any non-public transmission system information at any point in the process.

More information related to primary roles and responsibilities may be found in **Appendix N – PacifiCorp’s Organization for RFP Process**.

C. STANDARDS OF CONDUCT; SEPERATION OF FUNCTIONS

Each bidder responding to this RFP must conduct its communications and activities in recognition of PacifiCorp's obligation to comply with the Federal Energy Regulatory Commission (FERC)'s Standards of Conduct for Transmission Providers (see **Appendix I – Standards of Conduct; Separation of Functions**), which require the functional separation of PacifiCorp's transmission and merchant functions. Interconnection with or transmission service on PacifiCorp's system is arranged through PacifiCorp's transmission function, and not PacifiCorp's merchant function that administers this RFP. Similarly, with respect to any necessary interconnection and transmission arrangements on a third-party transmission system, the bidder must coordinate with and refer to the requirements of the third-party transmission provider. As part of a bid submittal, bidders will be requested to execute a customer consent form provided in **Appendix J – PacifiCorp Transmission Waiver** that enables PacifiCorp's merchant function to discuss the bidder's interconnection and/or transmission service application(s) with PacifiCorp's transmission function.

D. CONFIDENTIALITY

As described in Section 3.C. below, before bid submittal, bidders will be required to execute a confidentiality agreement in the form provided in **Appendix G-1 – Confidentiality Agreement**. As provided in the form of confidentiality agreement, PacifiCorp will attempt to maintain the confidentiality of all bids submitted, to the extent consistent with law or regulatory order. Washington state requires that within thirty days after the close of the bidding period, the utility must post on its public website a summary of each bid the utility has received. PacifiCorp will endeavor to post a generic but complete description and protect confidential data to the extent Washington procurement rules allow.²⁷ It is the bidder's responsibility to clearly indicate in its proposal what information it deems to be confidential and subject to the terms of the executed confidentiality agreement. Bidders may not mark an entire proposal as confidential, but bidders must mark specific information on individual pages to be confidential to receive confidential treatment for that information under the terms of the executed confidentiality agreement.

All information supplied to PacifiCorp or generated internally by PacifiCorp is and will remain the property of PacifiCorp. To the extent bidder receives information from PacifiCorp, bidder must maintain the confidentiality of such information and such information may not be provided to any third-party before, during or after this RFP process unless required by law or regulatory order.

E. PACIFICORP'S 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. 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

²⁷ WAC 480-107-035(5)

requirements that impact PacifiCorp, and any evidence of 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, against any director, officer, employee, agent or representative of any of them, or against the Independent Evaluators, 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.

SECTION 3. GENERAL INFORMATION AND LOGISTICS

A. SCHEDULE

The proposed 2022AS RFP schedule is shown below.

Milestone	Date
2022AS RFP Issued to market	04/26/2022
<u>Interconnection and Transmission Workshop</u>	<u>05/04/2022</u>
First Bidders Conference	05/06/2022
PacifiCorp OATT - Cluster Study Request Window closes (deadline)	05/16/2022
Demand-side Voluntary Targeted RFP Issued to Market, as necessary	08/31/2022
Demand-side RFP notice of intent to bid due	09/30/2022
Second Bidder Workshop	10/20/2022
Last day for RFP questions to IEs for Q&A	11/01/2022
Cluster study results posted to OASIS / bidders notified by PacifiCorp Transmission	11/12/2022
Notice of Intent to Bid due	11/17/2022
Benchmark bids due	11/21/2022
Demand-side Voluntary Targeted RFP bids due	11/ 31 30/2022
PacifiCorp completes <u>non-price scoring, bid preparation models and initial price scoring of benchmark bid evaluations</u> resources in accordance with OAR 860-089-0350 (1)	<u>01/12/14/2022</u> 2023
IE completes IEs complete review of benchmark bid evaluations, including non-price scores, bid preparation models, and indicative pricing in comparison with proxy resources	01 02/13/2023
PacifiCorp files benchmark bid evaluation <u>in accordance with OAR 860-089-0350 (1)</u>	01 02/13/2023
RFP bids due from market	01/16 02/14/2023
Capacity factor and BESS evaluation of bids started	01/18 02/16/2023
PacifiCorp completes bid eligibility screening	02/15 03/16/2023
IE completes review of bid eligibility screening	02/22 03/23/2023
PacifiCorp completes bid preparation <u>and provides models for supply-side and demand-side bid market bids and provides all inputs to</u> IRP modeling portfolio optimization team <u>for upload</u>	02/23 03/24/2023

into PLEXOS alongside benchmark resources files previously provided and uploaded	
Capacity factor and BESS evaluation of bids completed	02/23 03/24/2023
PacifiCorp completes due diligence and non-price scoring of market bids	03/15 04/13/2023
IEs complete review of non-price scoring	03/29 04/27/2023
IRP model PLEXOS generates price score and preferred portfolio for each benchmark and market bid in consideration of all bids	04/14 05/13/2023
Final Shortlist (FSL) selected	04/24 05/23/2023
IEs' review of FSL Completed	05/05 06/03/2023
Complete negotiation of T&Cs for resource agreements	10/13 11/11/2023
Execute Agreements	11/21/2023
Bid validity date	11/21/2023
Winning Bid Guaranteed COD	12/31/ 2026 2027

Bidders seeking an interconnection study via the 2022 PacifiCorp Transmission Cluster Study shall be responsible for working with PacifiCorp Transmission to ensure that all cluster study requirements included in the Open Access Transmission Tariff (OATT) have been met by May 16, 2022 when, according to the current OATT as of the date of this issuance, the Cluster Request Window closes.

The schedule above is subject to change. Actual dates may vary 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. PacifiCorp is not responsible for any costs or damages to bidders alleged to be attributable to changes in the RFP schedule stated above. 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 firm nature of the schedule and be available for calls and meetings with PacifiCorp and the IE regarding bid submittals and be responsive to questions in a timely manner.

BIDDERS WILL BE REQUIRED TO RESPOND TO BID QUESTIONS AND CURE ANY BID DOCUMENT DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF BID REVIEW AND REQUESTS.

B. 2022AS RFP BIDDER CONFERENCE

Due to the extended timeframe between the RFP issuance and bidder deadlines, two bidder conferences will be scheduled, the first to be held on **May 6, 2022 and the second on October 20, 2022**. The bidder conference will be scheduled from 9:30 AM to 1:00 PM PT (10:30 AM to 2:00 PM MT) and will cover the 2022AS RFP structure, deliverables, schedule, requirements, energy performance analysis, required forms and interconnection requirements. The bidder conference will be scheduled as a Microsoft Teams meeting for remote attendance. Additional details on the bidder conference will be posted to the PacifiCorp website.

Day: Thursday
Date: May 6, 2022 and October 20, 2022

Time and Agenda:

9:30 AM to 11:00 AM Pacific (10:30 AM to 12:00 PM Mountain)	General RFP Structure, deliverables, schedule, requirements and energy performance analysis
11:30 AM to 1:00 PM Pacific (12:30 PM to 2:00 PM Mountain)	RFP forms and bid preparation

Location: Teams Meeting (Details to be provided on PacifiCorp RFP webpage)

C. INTENT TO BID FORMS

Parties that intend to submit bids for consideration in this RFP process are requested to return the following completed documents²⁸ in an electronic copy to the following PacifiCorp and IE’s email addresses, no later than **5:00 p.m. Pacific Prevailing Time on November 17, 2022**, to be accepted as a bidder in the 2022AS RFP:

1. **Appendix B-1 – Notice of Intent to Bid**
2. **Appendix D – Bidder’s Credit Information**
3. **Appendix G-1 – Confidentiality Agreement**

Email: 2022AS_RFP@PacifiCorp.com
frank.mossburg@bateswhite.com (Washington IE)
2022as_ie@paconsulting.com (Oregon IE)
MerrimackIE@merrimackenergy.com (Utah IE)

After PacifiCorp receives the Intent to Bid form, an acknowledgment of receipt and directions for bid submittal fees will be provided.

D. SUBMISSION OF QUESTIONS

Bidders may submit questions related to this solicitation, and PacifiCorp will respond in a timely fashion. While PacifiCorp will maintain the confidentiality of the party posing questions, all questions as well as PacifiCorp’s response to questions will be posted on the PacifiCorp website at <https://www.pacificorp.com/suppliers/rfps/all-source-rfp.html>. PacifiCorp requests that bidders copy the IEs on all questions to the RFP mailbox. Bidders may also submit questions confidentially through one or more of the IEs at the following email addresses:

Washington IE: frank.mossburg@bateswhite.com
Oregon IE: 2022as_ie@paconsulting.com
Utah IE: MerrimackIE@merrimackenergy.com

PacifiCorp: 2022AS_RFP@PacifiCorp.com

All questions submitted to either PacifiCorp or an individual IE will be shared with the IEs in each of the three states.

²⁸ Documents not completed may be grounds for disqualification of a bid.

E. SUBMISSION OF BIDS

Proposals must be submitted with a cover letter that includes all signatures necessary to approve and submit bidder's proposal by one or more representatives having necessary corporate or other organizational authority.²⁹ Additionally, the cover letter must also include the following declaration, which may not be edited without the express approval of PacifiCorp:

“[Insert legal name of Bidder] (the “Bidder”) acknowledges receipt of PacifiCorp’s 2022AS All-Source Request for Proposals on or about April 26, 2022. Bidder makes the following representations to PacifiCorp:

1. All of the statements and representations, including bidder’s self-scored non-price scoring, made in this proposal are true to the best of Bidder’s knowledge and belief;
2. Bidder possesses a legally binding agreement(s) or option(s) to possess all necessary land rights for sufficient site control to undertake development of the project as set forth in the proposal, including ingress and egress to and from the site;
3. Bidder agrees to comply with Berkshire Hathaway Energy’s cyber security requirements.
- ~~3.4.~~ Bidder possesses or will possess all necessary and appropriate water rights for construction and ongoing maintenance of the project through the term of the agreement;
- ~~4.5.~~ Bidder i) possesses or intends to obtain all necessary eagle studies and agency coordination required to apply with the United States Fish & Wildlife Service for an eagle take permit, consistent with such regulatory requirements or agency guidance, and bidder possess or intends to obtain all necessary avian, wildlife and fish studies for construction and ongoing maintenance of the project throughout the term of the agreement, ii) agrees to apply for an Eagle Take Permit from the United States Fish & Wildlife Service for the construction, commissioning, and operations of a wind project and for other energy sources or associated infrastructure that may have eagle impacts, iii) agrees to identify and implement, voluntarily or as agreed upon with applicable agency, cut-in speed adjustment, curtailment strategy, and/or bat deterrent systems to address bat impacts at wind projects, iv) has included within its bid an appropriate deduction to its resource production estimates (which would be non-compensable curtailment in any contract executed with bidder in this RFP) to account for potential voluntary outages, cut-in speed adjustments and/or curtailment due to impacts to avian, wildlife and fish species, including eagles and bats; and v) agrees to utilize applicable wildlife siting guidance and meaningful coordination with state/federal wildlife agencies to avoid, minimize, and/or mitigate potential impacts to wildlife and their habitat from project development, construction, and operations.

²⁹ If the proposal is being bid under a partnership, the partnership must be fully established, including a legally binding agreement among the partners (not a letter of intent), before submission of a proposal under this RFP. Each partner must be bound to comply with the terms of this RFP and the proposal. The signature of each partner must be included on the cover letter, along with their contact information (i.e., company name, phone number, email address, etc.). The proposal must include evidence documenting the legal and binding partnership.

~~5.6.~~ Bidders for projects sited in Oregon understand the requirements in ORS 757.306³⁰ and will provide required attestations or Project Labor Agreements under HB2021 within 30 days of when the date for construction begins.

~~6.7.~~ Bidders agrees to report diversity representation by contractors.

~~7.8.~~ Bidder has obtained, or can demonstrate how it will obtain, all necessary authorizations and approvals that will enable Bidder to commit to the terms provided in this proposal;

~~8.9.~~ Bidder has reviewed the entirety of this RFP including all relevant appendices, acknowledges its terms, and agrees to comply with the processes stated within

~~9.10.~~ BTA bid conforms with **Appendix A - Technical Specifications and Required Submittals**, or else all exceptions are clearly stated and listed as an addendum to this letter.

~~10.11.~~ Bid pricing is based on the terms of the ~~transaction~~ documents in **Appendix E-2 – PPA Documents, Appendix E-3 – Tolling Agreement Documents, or Appendix F-2 – BTA Documents or Appendix Q-1 Professional Services Contract**,³¹ as reviewed and, if applicable, revised by bidder; and

~~11.12.~~ This proposal is a firm and binding offer through November 21, 2023.

PACIFICORP IS ACCEPTING ONLY ELECTRONIC COPIES OF A BID AND WILL NOT ACCEPT HARD COPIES.

A single form of bid submittal is required; an electronic copy via email.

The electronic copy via email should be sent to:

PacifiCorp at: <u> </u>	2022AS_RFP@PacifiCorp.com
Washington IE at:	frank.mossburg@bateswhite.com
Oregon IE at:	2022as_ie@paconsulting.com
Utah IE at:	MerrimackIE@merrimackenergy.com

Bidders should be aware of file size when delivering the electronic copy of their bid. PacifiCorp suggests limiting the size of each email with attached files to no more than 20 MB to ensure acceptance. Bidders are allowed to submit multiple emails for their bid and should label them accordingly (i.e. “1 of 3...,” “2 of 3...,” “3 of 3...”).

³⁰ A person who constructs or repowers a large-scale project sited in Oregon shall, at the time of contract finalization for development of the project or execution of a contract for delivery of energy from the project, provide a signed attestation or declaration stating to the best of their knowledge and belief, subject to penalty of perjury as described in ORS 162.065, that during all periods of construction all contractors and subcontractors working on the construction or repowering project will have done certain things related to apprenticeship programs, diversity hiring outreach, anti-employee harassment policies, and other required measures as required by ORS 757.306.

³¹ Bidder to select appropriate reference appendix for its submitted bid.

PacifiCorp will respond with receipt email(s).

Benchmark bids will be due 5:00 p.m. Pacific Prevailing Time on Monday, November 21, 2022.

All other market bids will be accepted until 5:00 p.m. Pacific Prevailing Time on ~~Monday, January 16~~ Tuesday, February 14, 2023. 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, November 21, 2023.

Bidders must submit complete proposals that include the following items:

1. Via email, one (1) electronic copy of the bid,³² sent to the RFP email addresses³³ provided, which should include any required forms in PDF format and Microsoft Excel format, as required, including all appendices and exhibit sheets.
2. ~~Appendix sheets in the~~Each bid submission should include all of the requirements listed in Section 4 of this RFP document and **Appendix B-2 – Bid Proposal Instructions and Required Information**, including³⁴:
 - a. Technical submittal requirements from **Appendix A – Technical Specifications and Required Submittals**
 - b. The main bid document (proposal) as organized in **Appendix B-2 – Bid Proposal Instructions and Required Information**,
 - c. An excel version and also PDF print outs of the required tabs from **Appendix C-2 – Bid Summary and Pricing Input Sheet**,
 - d. Redlines or comments to the contract documents reflecting the resource type and structure contained in the bid:
 - i. **Appendix E-2 – PPA Documents**
 - ii. **Appendix E-3 – Tolling Agreement Documents**
 - iii. **Appendix F-2 – BTA Documents**
 - iv. **Appendix Q-1 – Professional Services Contract**
 - e. **Appendix Q - 2021 Demand Response RFP – Requirements for Demand-side Bids** as required for Demand-side bids

F. PACIFICORP’S POSTING OF SECURITY

PacifiCorp will not post security to support its obligations under any definitive agreement. Bidders who will require such security from PacifiCorp should not submit a proposal under this RFP.

G. BID EVALUATION FEES

All bidders proposing bids greater than 5 MW, including Benchmark bids, must pay a fee (Bid Fee) of \$15,000 for each Proposal. All bidders proposing bids less than or equal to 5 MW must pay a Bid Fee of \$1,000 per MW for each proposal. A “Bid” is defined by the following Bid Attributes. **A**

³² Large bid submittals may require being sent in multiple emails due to 25 MB size limitation of email transmittals.

³³ The IEs should be copied on emailed bid submissions.

³⁴ Demand-side resource bids shall include the requirements listed in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids** including the redline to PacifiCorp’s General Services Agreement if applicable.

bidder may submit more than one Bid per project site subject to the following caveats and limitations. Each Bid requires a separate fee. Each combination of different Bid Attributes is considered a separate Bid and subject to the bid fee requirement:

Bid Attribute	Bid Limitations
Project Site	Multiple project sites may be bid as individual Bids or as a combined Bid; however, 1) a bid fee is required for each Bid variation; 2) contingent Bids are not allowed, 3) the COD and term length for all sites in any single Bid must be the same, and 4) the bid package and bid documents for each Bid (including nameplate capacity size, layouts, resource estimates, Appendix C-2s, interconnection studies etc.) must be consistent with the Bid and clearly articulated. Confusing and ambiguous Bids will be given two (2) days to cure and then deemed ineligible.
Technology	A Bid may include multiple collocated technologies; however, the bid package and bid documents for each Bid (including capacity size, layouts, resource estimates, Appendix C-2s, interconnection studies etc.) must be consistent with the Bid and clearly articulated. Confusing and ambiguous Bids will be given two (2) days to cure and then deemed ineligible. Contingent Bids are not allowed. If a generating resource is collocated with BESS, 1) the BESS must be AC-coupled and 2) the COD and term of the generating resource and BESS must be the same.
Nameplate (MW)	<p>The nameplate capacity size of a Bid(s) must be consistent and supported by the interconnection agreement(s).</p> <p>For generating resources collocated with BESS, the Storage Power Capacity Rating must be equal to or greater than 50% of the generating resource Nameplate. Bids with BESS sizes less than 50% will not be accepted.</p> <p>Bidders with multiple executed LGIAs and/or completed interconnection studies may combine multiple LGIAs and/or interconnection studies; however, 1) a bid fee is required for each Bid variation; 2) contingent bids are not allowed, and 3) all required bid documents including layouts, resource estimates, Appendix C-2s, interconnection studies etc. must be clearly articulated and delineated. Confusing and ambiguous Bids will be given 2 days to cure and then deemed ineligible.</p>
BESS Duration	All BESS Bids must have a duration of at least 4 hours.

Term, Start Date and End Date	Bids may be for term lengths between 5-30 years. ³⁵ Multiple Bids may also bid for the same resource with different start and end dates subject to separate bid fees.
Price Structure	<p>BidsPPAs may be bid as fixed price or variable (escalating) price structures. Multiple Bids may also bid for the same resource with different price structures subject to separate bid fees.</p> <p>AllPPA bids offering collocated generating resource plus BESS offerings will assume <u>battery</u> augmentation <u>in their offered price</u> (no decline in capacity over contract term) and maintain the Storage Power Capacity Rating. <u>BTA pricing shall be for resources which are developed and designed for future augmentation at PacifiCorp's option.</u></p> <p><u>Pricing shall include the cost of the security included in the Appendix E-2, E-3 and F-2 pro forma agreements.</u></p>
Transaction Structure	<p>Generating resource-only Bids may be bid as a PPA or a BTA contractual agreement. PPAs shall be bid with a \$/MWh price structure.</p> <p>Bids offering collocated generating resource plus BESS may be offered either as a PPA with BESS or a BTA contractual agreement. For a PPA with BESS, the generating resource will be priced on a \$/MWh basis and the BESS will be priced as a \$/MW-month toll payment.</p> <p>Bids offering standalone storage proposals may be bid as a Tolling (contractual) Agreement or a BTA. Standalone storage pricing will be bid on a \$/MW-month toll payment.</p> <p>BTA bids shall include a proposed milestone payment schedule showing the timing and amount of all payments from PacifiCorp.</p> <p>A Bid may also include multiple transaction structures, for example a 50% PPA and 50% BTA Bid; however, 1) the Bids must be offered as a single combined Bid and not separately as multiple "contingent" Bids, and 2) all required bid documents including layouts, resource estimates, Appendix C-2s, interconnection studies etc. must support the transaction structure and be clearly articulated and delineated with respect to the PPA resource vis-à-vis the BTA resource. Confusing and ambiguous Bids will be given 2 days to cure and then deemed ineligible.</p>

³⁵ Longer terms matching a bidder's operational license will be accepted.

Labor Standard and/or Workforce Approach	For the purposes of determining bid fees, bidder may provide one free alternative Bid per Project Site. An alternative Bid may be submitted via a separate Appendix C-2 showing alternative pricing based on different subcontracting and hiring strategy consistent with certain state practices as described below.
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The Bid Fees will be used to cover the costs incurred by PacifiCorp in analyzing the proposals, including the costs of the Washington, Oregon and Utah IEs, the technical consultants, and legal advisors.

As mentioned above in the Bid Attribute section, Bidders will be allowed one free alternative Bid to provide alternative pricing for a different supplier, contractor/subcontractor strategy, labor standards or workforce and apprenticeship approaches consistent with one or more of the following, as applicable: California’s Rulemaking 18-07-003, Oregon’s HB2021, Washington’s RCW 82.08.962 and 82.12.962, and PacifiCorp’s Supplier Diversity goals.³⁶ Note that the State of Washington Clean Energy Transformation Act (CETA) includes certain tax incentives related to diversity hiring, and Oregon’s HB2021 requires a person who constructs or repowers a large-scale project sited in Oregon to provide a signed attestation of certain labor standards or project labor agreement at the time of contract finalization for development or construction of the project. Bidders may offer a second price for i) an alternative percentage of employees or labor during construction and ongoing operations, and/or ii) an alternative percentage of suppliers, contractors, subcontractors and that are veteran-owned and women-owned, minority-owned and LGBT-owned business enterprises.

In addition to the Bid Fees, a success fee ***may*** be charged to successful Bid(s) selected for the final shortlist. Success fees will only be required in the event Bid Fees are not sufficient to cover the incremental costs of the IE and other external consultants and service providers required in the contract development process. In no event may the success fee exceed the lesser of \$5,000 dollars per megawatt for each successful Bid or a capped at \$300,000 per Bid. The success fee applies to both benchmark and market bids. In the event success fees are required, documentation of the calculation of the success fee will be computed in cooperation with the IEs and provided to the bidder at the time the bid is selected to the final shortlist.

Payment of Bid Fees. Bid Fees must be paid by wire transfer to PacifiCorp. PacifiCorp will email wire transfer instructions to all bidders who have submitted a notice of intent to bid. Instructions will be emailed at least five (5) business days before the bid deadline. No cashier’s checks will be accepted. As a bid requirement, when the bid is submitted, Bidder ***must provide documentation*** of submitted Bid Fees, such as a pdf receipt of the wire transfer or wire transfer confirmation number. **The bid fee is non-refundable. After submission of bidder’s Bid, the bid fee will only be refunded if i) the Bid is withdrawn before the submittal due date, ii) the Bid does not meet the minimum eligibility requirements and the deficiency cannot be cured, or iii) the Bid is rejected for any other non-conformance before commencement of the evaluation and selection process.**

³⁶ Supplier Diversity (pacificorp.com): <https://www.pacificorp.com/suppliers/supplier-diversity.html>

H. BID NUMBERING AND FILE NAMING CONVENTION

Bid numbers will be self-assigned by bidder in accordance with the directives below. There is no limit to the number of Bids that may be submitted, subject to having paid the applicable Bid Fee in accordance with Section 3.G.

Bid numbers must be expressed as a whole number followed by one decimal place, beginning with the number 1.0. Each subsequent Bid will have a separate sequential bid number (i.e., 2.0, 3.0, etc.). Each Bid and corresponding bid number must be accompanied by a corresponding **Appendix C-2 – Bid Summary and Pricing Input Sheet**. For example, the initial Bid will be identified as “1.0” and the second Bid variation would be “2.0.”

File names should be kept short by using abbreviations wherever possible. All required documents must use the following naming convention:

[Abbreviated Bidder name]_[Bid number]_[Abbreviated_File_Description]

I. 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 Bids do not comply with these requirements, PacifiCorp has the option to deem the Bid non-conforming and eliminate it from further evaluation. Reasons for rejection of a bidder or its Bid include, but are not limited to:

1. Receipt of any Bid after the bid submittal deadline.
2. Failure to submit the required Bid Fee when due.
3. Failure to meet the requirements described in this RFP and provide all information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** of this RFP.
4. Failure to adequately demonstrate the viability of a COD on or before December 31, ~~2026~~2027, with the exception of long-lead resources as described in Section 1.A.
5. Failure to execute **Appendix G-1 – Confidentiality Agreement** and permit disclosure of information contained in the proposal to PacifiCorp’s agents, contractors, regulators, or non-bidding parties to regulatory proceedings consistent with terms of executed confidentiality agreement.
6. Any attempt to influence PacifiCorp in the evaluation of the proposals outside the solicitation process.
7. Failure to provide a firm offer through the bid validity date outlined in Section 3.E of this RFP.
8. Failure to disclose a commitment of any portion of the proposed resource to another entity.
9. Failure to disclose the real parties of interest in any submitted proposal.

10. Failure to clearly specify all pricing terms for each proposal.
11. Failure to offer product delivered to a point of interconnection or point of delivery on Company's transmission system in either its PACE and PACW balancing areas.
12. For any bid that is proposing to interconnect to a third-party transmission system and secure transmission service to deliver the output of the resource to PacifiCorp at PACE or PACW, failure to provide a system impact study by the third-party transmission provider as well as satisfactory evidence³⁷ that firm point-to-point transmission rights are already secured in bidder or project owner's name or readily obtainable by bidder to deliver the full output of the resource to PacifiCorp on or before December 31, ~~2026~~2027, detailing all actual or estimated transmission costs.
13. Failure to materially comply with technical specification requirements in **Appendix A – Technical Specifications and Required Submittals** for BTA proposals involving potential PacifiCorp ownership or operational control.
14. Failure to demonstrate a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long-lead time equipment.
15. Failure to demonstrate or represent compliance with PacifiCorp's prohibited vendors list.
16. Failure to demonstrate that it can meet the credit security requirements for the resource and commercial online date proposed.
17. Failure to submit information required by PacifiCorp to evaluate the price and non-price factors described herein.
18. Failure or inability to abide by the applicable safety standards.
19. Failure to submit an acceptable contract structure.
20. A determination by PacifiCorp that collusive bidding or any other anticompetitive behavior has occurred.
21. Bidder or proposed project being bid is involved in bankruptcy proceedings.
22. Failure of the bidder's authorized officer to sign the proposal cover letter as required in this document and without edits.

³⁷ Transmission service documentation to PacifiCorp's system is two-fold; firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system. Documentation should include copies of direct, dated correspondence from transmission service provider to bidder, showing evidence a request for transmission service was in fact made, and transmission provider is indicating to bidder that firm, uninterruptible transmission service will be available for bidder to procure, for a specified OATT service, and identified MW capacity, POR, POD, and term. Dated correspondence should be at least within 6 months of bid submittal.

23. Misrepresentation or failure to abide by Federal Trade Commission Green guidelines for renewable projects, if applicable.
24. Any change in law 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, if applicable, environmental attributes from the specified resource.
26. Failure to provide the minimum resource performance estimate information as described in Section 5.B. of the RFP.
27. Failure to provide a performance report and model output including hourly output values as identified in **Appendix C-3 – Energy Performance Report.**
28. Failure to provide **Appendix D – Bidder's Credit Information.**
29. Any bid that includes a requirement that PacifiCorp provide credit assurances.
30. In the case of a BTA bid, failure to submit an operations and maintenance proposal materially compliant with the applicable form included in **Appendix K – Operations and Maintenance Services.**
31. Failure to satisfy the requirements as set forth in Section 3.E.4, related to eagle and wildlife studies, agency coordination, eagle take permit(s), bat impacts/curtailment, deduction to resource production estimates, and/or general avoidance, minimization, and mitigation for wildlife impacts.
32. Failure to provide documentation of binding, exclusive site control for the project including the facility but excluding right-of-way or easements for interconnection, transmission or roads.³⁸
33. Failure of the project description in the bid to be consistent with project description in existing interconnection studies and/or executed LGIAs. In the event changes have been made to the proposed project bid as compared to what is described in the current interconnection documentation, bidder will need to provide documentation from PacifiCorp Transmission, or the applicable interconnection provider, that a material modification or interconnection re-study is not required that could materially impact the project costs or estimated in-service date.
34. In the case of a demand-side bid, failure to meet the requirements of PacifiCorp's 2021 Demand Response RFP included in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids.**
35. Failure of an Oregon-sited resource bidder to agree to provide attestations or Project Labor Agreements as specified by HB2021 and provisions in the pro forma contract agreements.

³⁸ Site control for the 2022AS RFP requires a definitive, exclusive and binding lease or purchase agreement or option agreement.

36. Failure to report, disclose and comply with OFAC Sanctions Lists and Government-Owned Enterprises, as set forth in the applicable provisions in the attached pro forma contract agreements.
37. Failure to agree to track and report to PacifiCorp bidder's use of diverse businesses including, but not limited to, women-, minority-, disabled-, and veteran-owned businesses, and for resources in Washington state, failure to track and report to the utility the firm's application of the labor standards in RCW 82.08.962 and 82.12.962.³⁹

38. Bidders agree to comply with Berkshire Hathaway Energy's Cyber Security Requirements, which may include prohibited vendors and compliance with enterprise security requirements as may evolve over the life of the proposed bid term.

SECTION 4. RFP CONTENT AND SUBMITTAL INSTRUCTIONS

A. ALL PROPOSALS

This section outlines the content and format requirements for all proposal structures. Bids that do not include the information requested as described in this section may be deemed ineligible for further evaluation if the bidder does not provide information within two (2) business days of a request by PacifiCorp in its sole discretion. PacifiCorp may deem information not relevant as determined by PacifiCorp in its sole discretion. All sections must be complete and in compliance with the RFP for the bid to be accepted.

B. GENERAL ORGANIZATION OF THE BID SUBMITTAL

All generation and storage resource bids must contain the following information and, to facilitate timely evaluation, must be organized as indicated below. The sections of each bid proposal must be as follows and are further described in this [Section 4](#) and **Appendix B-2 – Bid Proposal Instructions and Required Information**:

- Section 1 - Executive Summary of Proposal
- Section 2 - Resource Description
- Section 3 - Bidder's Qualifications
- Section 4 - Financial Information
- Section 5 - Pricing Proposal and Project Financing strategy, including tax credit strategy
- Section 6 - Interconnection & Transmission Service
- Section 7 - Environmental and Siting
- Section 8 - Contract Terms
- Section 9 - O&M Services Contract Terms (BTA Bid Only)
- Section 10 - Equity Summary

Demand-side bids must contain the information required in PacifiCorp's 2021 Demand Response RFP included in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**.

³⁹ WAC 480-107-075(3)

C. PPA AND TOLLING AGREEMENTS PROPOSALS

For new or existing generating and storage resources, PacifiCorp will consider transaction structures whereby the bidder develops the resource, assumes responsibility for construction and sells the power (and non-power attributes) to PacifiCorp on a long-term basis, pursuant to the terms of a PPA and/or a Tolling Agreement, which will include certain performance guarantees. The bidder will be responsible for all aspects of the development and construction of the facility, including, but not limited to, permitting, engineering, procurement, construction, interconnection and long-term asset management and operational costs. Without limiting the foregoing, the bidder will be responsible for obtaining all permits, rights and resources required to construct and operate the generation resource consistent with the bidder's proposal.

For existing resources, PacifiCorp will consider PPA transactions whereby the bidder sells the power (and non-power attributes) to PacifiCorp on a long-term basis, pursuant to the terms of a PPA, which will include certain performance guarantees. The bidder will be responsible for all aspects of the project's interconnection and the long-term asset management and operational costs. Without limiting the foregoing, the bidder will be responsible for obtaining all permits, rights and resources required to operate the generation resource consistent with the bidder's proposal.

If a proposed resource intends to interconnect to a third-party transmission system, the bidder will be responsible under the PPA to arrange and maintain firm point-to-point transmission service to deliver the full output of the PPA to a designated point of delivery on PacifiCorp's transmission system. Bidders must clearly articulate the point of delivery in their bid and include wheeling costs in their PPA price (see Section 3.I.12 of Minimum Eligibility Requirements FOR Bidders).

Tolling Agreements for standalone storage resources interconnecting with third-party systems will not be accepted.

Bidders interconnecting to PacifiCorp's transmission system shall demonstrate the facility's interconnection studies and interconnection agreement are consistent with the proposed renewable resource equipment, capacity, and configuration and will not require a material modification⁴⁰ or interconnection re-study such as, for example, a proposal to add a BESS to a project for which the existing interconnection materials do not contemplate incorporation of such a system.

Specific bid instructions are included in the RFP Appendices. In addition to the bid narrative and bid organization instructions in **Appendix B-2 – Bid Proposal Instructions and Required Information**, PPA and Toll bidders should reference the submittal checklist in **Appendix E-1 – PPA and Tolling Agreement Instructions to Bidders**.

The bidder's proposal must contain their redline to the applicable pro forma documents based on the specific bid: **Appendix E-2 – PPA Documents or Appendix E-3 Tolling Agreement Documents**. Note that the pro forma agreements are tailored for new resources and specific technologies; conforming changes may be required for existing resources or other types of

⁴⁰ As defined in PacifiCorp Transmission's OATT.

resources. The redline should contain all of Bidder's exceptions to the terms and conditions of the pro forma document. Bidders objecting to terms should provide alternate language and context to the objections for PacifiCorp to evaluate the alternate language. Bidders should submit comments to the pro forma agreement on issues that they have concerns with and identify alternatives to address the issues.

All bidders in this category must complete the information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** (PPA tabs listed in Appendix C-1).

PacifiCorp will accept transactions with generating and storage resources for 5 to 30 years. Pumped storage hydro and nuclear bids may submit a contract term longer than 30 years to match the bidder's operational license.

PacifiCorp reserves the right to request a bid's cash flow projection, if necessary, in order to evaluate the bid for capital lease accounting for tax purposes. Similarly, Bidder shall agree to providing certain financial and accounting information as stated in the pro forma documents included in **Appendix E-2 – PPA Documents** and **Appendix E-3 – Tolling Agreement Documents**.

D. BUILD TRANSFER AGREEMENT (BTA) PROPOSALS

PacifiCorp will consider build-transfer transactions whereby the bidder develops the resource, assumes responsibility for the development, construction and then ultimately transfers the project to PacifiCorp, pursuant to the terms of a BTA. The bidder will be responsible for all aspects of the development and construction of the facility, including, but not limited to, permitting, engineering, procurement, construction, interconnection and all related costs up to achieving commercial operation.

BTA bids will only be accepted for proposed resources that directly interconnect to PacifiCorp's system. BTA bids interconnecting with third-party systems will not be accepted. A bidder's interconnection study, or LGIA, if already executed, shall be consistent with the proposed renewable resource equipment and configuration, or else bidder shall provide documentation from PacifiCorp Transmission that a material modification will not be required.

Specific instructions are included in the **RFP Appendices**. In addition to the bid narrative and bid organization instructions in **Appendix B-2 – Bid Proposal Instructions and Required Information**, BTA bidders should reference the submittal checklist in **Appendix F-1 – BTA Instructions to Bidders**.

The bidder's proposal must contain their redline or other substantive comments to the BTA term sheet provided in **Appendix F-2 – BTA Documents**. Conforming changes may be required in **Appendix F-2 – BTA Documents** to reflect specific resource types. Bidders objecting to terms should provide alternate language and context to the objections for PacifiCorp to evaluate the alternate language. For the purpose of non-price scoring, PacifiCorp will consider the completeness of the BTA term sheet comments and redline, and more substantive comments will be addressed after selection to a final shortlist.

All bidders in this category must complete the information requested in **Appendix C-2 – Bid Summary and Pricing Input Sheet** (BTA tabs listed in Appendix C-1).

BTA bidders will be required to provide an attestation letter signed by an officer representing and warranting certain bid assumptions. For example, BTA bidders must provide sufficient information, representations, and warranties sufficient to assure PacifiCorp that any proposed

project will successfully complete construction and achieve full commercial operation by the required deadline. BTA projects must provide documentation that the proposed resource will be eligible to claim any applicable federal or state tax credits or other benefits⁴¹ as interpreted by applicable guidelines and rules of the federal Internal Revenue Service or applicable state revenue authority.

BTA bidders will be responsible for submitting an operation and maintenance (O&M) service proposal as part of the overall BTA bid submittal consistent with the applicable terms included in **Appendix K – Operation and Maintenance Services**. Any BTA proposal that does not include an O&M proposal that contains pricing, scope and other key terms will be rejected as a nonconforming proposal.

Bidders should note that any proposal submitted in this BTA category must comply with the applicable technical and construction specifications contained in **Appendix A – Technical Specifications and Required Submittals**⁴² and must use the services of a single primary contractor.

To the extent the bidder uses a contractor or a separate legal entity other than the bidder itself, this entity must be experienced with the type of facility being proposed and meet credit criteria which may include a requirement for a parental guarantee, all as deemed acceptable to PacifiCorp in its sole discretion.

E. DEMAND-SIDE RESOURCE PROPOSALS

PacifiCorp recently conducted a demand response RFP in 2021 and is working to contract and stand up significant demand response resources from that solicitation. In the event additional demand response resource need is identified, the Company may issue a voluntary targeted demand-side RFP in Q3 2022. For the purposes of the all-source RFP, demand-response resources are asked to follow the same process and complete the same documents as required by the 2021 demand response RFP in **Appendix Q – 2021 Demand Response RFP - Requirements for Demand-side Bids**. The non-price score and minimum criteria used to evaluate demand-response resources bid into the 2022AS RFP are the same as that used for the 2021 demand response RFP, which is anticipated to be the same as that which would be used for the voluntary targeted demand response RFP.⁴³

Prior to issuing the voluntary targeted demand-side RFP, PacifiCorp will update and refine its requirements and description of resource need stemming from the 2021 IRP and incorporate learnings from the 2021 demand response RFP. PacifiCorp does not plan to re-procure resources

⁴¹ Bidders should provide specific details of claims for tax credits including legal opinions, equipment supply agreements, and documentation of ability to meet tax credit guidelines and rules.

⁴² PacifiCorp has included only common technical specifications and resource specifications for wind, solar, and BESS for BTA proposals. For other renewable resources, PacifiCorp will work through the resource specifications on an as needed basis.

⁴³ The non-price scoring in Appendix Q will be adjusted to be consistent with the 75/25 split in the Section 6 of the all-source RFP and will be consistent with any voluntary targeted RFP. To increase demand-side non-price scores from 20- to 25-points, an additional 5-point category for “Bid Submittal Completeness” will be added to the non-price scoring criteria in Appendix Q.

that were contracted from the 2021 demand response RFP. Demand response resources that bid into any voluntary targeted RFP would only be evaluated based on what is incremental to the Company's existing demand side resources. The Company will identify resources that are of particular interest to the Company at the time of issuance of any voluntary targeted RFP in Q3 2022 and provide guidance to bidders. PacifiCorp anticipates that the voluntary targeted RFP would include many of the same general requirements as the All-Source RFP, though, it may contain some additional requirements specific to customer located resources and evolving state-specific requirements. In the event incremental demand response resource need is identified in Washington state, PacifiCorp, in coordination with the IE, will update the all-source RFP Appendix Q to be consistent with the subsequently issued voluntary targeted RFP.

As part of the evaluation process, both the supply-side RFP and any demand response RFP bids will be input into [PlexosPLEXOS](#) and included in the final IRP portfolio analysis to determine a final shortlist.

SECTION 5. RESOURCE INFORMATION

A. BID INFORMATION AND PRICING INPUTS

Appendix C-2 – Bid Summary and Pricing Input Sheet is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing requirements for various bid types. Bidders should reference the instructions in **Appendix C-1 – Bid Summary and Pricing Input Sheet Instructions** which provides detailed directions on each tab. Bidders are required to complete and submit **Appendix C-2 – Bid Summary and Pricing Input Sheet**.

B. TECHNICAL SPECIFICATIONS

BTA Bidders are required to comply with technical specifications provided in **Appendix A – Technical Specification and Required Submittals** for BTAs.

C. RESOURCE PERFORMANCE ESTIMATE INFORMATION

Bidders are required to provide a resource performance estimate prepared by a third-party expert. PacifiCorp may accept in-house energy performance report contingent upon PacifiCorp being able to replicate the results.

Appendix C-3 – Energy Performance Report provides detailed directions for resource performance information by resource type.

D. DIRECT INTERCONNECTION TO PACIFICORP'S SYSTEM (ON SYSTEM BIDS)

All bidders are required to have completed an interconnection study. PacifiCorp requires that bidders submit all available interconnection studies and agreements, and any other required supporting documentation such as confirmations related to material modifications received from PacifiCorp Transmission. Off-system bidder requirements for interconnections are discussed in section 5.E below. PacifiCorp will review the bidder's interconnection documentation to confirm it aligns with the bidder's bid.

On-system bidders shall document in their bid and otherwise provide all estimated interconnection costs identified in their interconnection studies and agreements, including direct assigned and network upgrade costs. Bid prices shall include any estimated direct-assigned interconnection costs but shall exclude the estimated network upgrades costs. Although the network upgrade costs are not to be included in the bid price, the network upgrade costs will be provided to PacifiCorp and included in the utility's valuation models.

E. TRANSMISSION SERVICE FOR DELIVERY TO PACIFICORP'S SYSTEM (OFF SYSTEM BIDS)

PacifiCorp will not accept BTA bids for off-system bids. For off-system bid locations, PacifiCorp will only accept PPA or Tolling Agreement bids. PacifiCorp will consider new and existing resources, capable of interconnecting with a third-party transmission system and using firm point-to-point transmission service to deliver to PacifiCorp's transmission system at the bid's identified point of delivery. The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third-party transmission provider and documentation⁴⁴ of the availability of, and request for, long-term, firm point-to-point transmission service from the resource's point of interconnection with the third-party's transmission system to the bidder's designated point of delivery on PacifiCorp's system. Such identified arrangements must reasonably demonstrate that the full proposed output of the resource, as identified in the bid, can be delivered by December 31, ~~2026~~2027, or December 31, 2028, for long-lead time resources.

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 related to, but not limited to, any of the following: interconnection, variable energy resource, electric losses, reserves, transmission, integration, imbalance, scheduling, and ancillary service arrangements required to deliver to the bidder's selected 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.

Bid pricing for off-system bids on third-party transmission: Off-system bidders shall submit bid prices including all interconnection costs from the third-party interconnection provider, whether from a study or a signed interconnection agreement. Off-system bidders must also include in their bid price their estimated cost for wheeling energy to the proposed point of delivery on PacifiCorp's transmission system.

⁴⁴ Transmission service documentation to PacifiCorp's system is two-fold; firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system. Documentation should include copies of direct, dated correspondence from transmission service provider to bidder, showing evidence a request for transmission service was in fact made, and transmission provider is indicating to bidder that firm, uninterruptible transmission service will be available for bidder to procure, for a specified OATT service, and identified MW capacity, POR, POD, and term. Dated correspondence should be at least within 6 months of bid submittal.

In the event an off-system resource is awarded a PPA or Tolling Agreement, the contract will include appropriate provisions reflecting the Seller's obligation to timely arrange and maintain the necessary firm point-to-point transmission service facilitating delivery of the full output of the resource to the identified point of delivery, including associated events of default for failure to comply with such requirements.

F. NETWORK TRANSMISSION SERVICE ON PACIFICORP'S SYSTEM

All proposals will require firm transmission on PacifiCorp's network transmission system to deliver energy to load. Proposed resources must be able to be designated by PacifiCorp's merchant function as a network resource and eligible for inclusion in PacifiCorp's network integration transmission service agreement with PacifiCorp's transmission function (www.oasis.pacificorp.com). The terms and conditions specific to PacifiCorp's network transmission service request are further discussed in the pro forma PPA in **Appendix E-2 – PPA Documents**, the pro forma Tolling Agreement Term Sheet in **Appendix E-3 – Tolling Agreement Documents**, and the BTA term sheet in **Appendix F-2 – BTA Documents**.

G. TAX CREDITS AND/OR PROJECT INCENTIVES

Bidders bear all risks, financial and otherwise, associated with their - or their facility's - eligibility to receive any state or federal energy tax credits, sales tax waivers or exemptions, payment in lieu of tax (PILOT), or any other identified tax- or accounting-related, incentive, or benefit. The obligations of a bidder to perform under any executed agreement resulting from this solicitation remain effective and binding regardless of whether a bidder or facility is eligible for or receives tax credits or other tax- or accounting-related incentives or benefits.

For build-transfer (BTA) transactions, PacifiCorp will require written attestation by an officer of the bidding entity including documentation of the amount, timing and control of any and all available tax credits/incentives that the bidder's facility is eligible for, has applied for, and/or has received. Such documentation must include but not be limited to i) ownership rights to the credit, grant or incentive, and ii) timing including expiration dates and milestones to achieve the credit, grant, or incentive.

H. 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 are required to supply, upon request by PacifiCorp, any and all information that PacifiCorp reasonably requires in order to make these assessments if the bid is selected to the final shortlist. Specifically, given the term length of the PPA or Tolling Agreement, or the useful life of the asset to be acquired under an asset acquisition, accounting and tax rules may require either: (i) a contract be accounted for by PacifiCorp as a

financial lease or operating lease⁴⁵ for book purposes pursuant to ASC 842, (ii) a contract be accounted for by PacifiCorp as a capital lease for tax purposes,⁴⁶ or (iii) assets owned by the seller, as a result of an applicable contract, be consolidated as a variable interest entity (VIE).⁴⁷ Potential accounting or tax treatment impacts may be incorporated into the bid evaluation and selection process. For instance, if PacifiCorp determines that a long term PPA or Tolling Agreement offering would be treated as a capital lease for tax purposes, PacifiCorp would be treated as the tax owner for the proposed facility. In the event PacifiCorp is required to consolidate the entity, PacifiCorp would contractually require sufficient financial information to be provided to do so.

I. 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 final shortlist evaluation. However, after completing the final 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 lease pursuant to ASC 842.

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

OVERVIEW OF THE EVALUATION PROCESS

PacifiCorp's bid evaluation and selection process is designed to identify the combination and amount of new resources that will maximize customer benefits through the selection of bids that will satisfy projected capacity and energy needs while maintaining reliability. The method for evaluating benchmark resources will be transparent, fair, and consistent with how market bids are evaluated with additional oversight by the IEs.

The 2021 IRP selected individual resources and optimized a preferred portfolio from a list of generic "proxy" resources to reliably meet PacifiCorp's energy and capacity needs across its six-state service territory. The PLEXOS portfolio optimization model that PacifiCorp will use to evaluate the 2022AS RFP bids and select the best combination and amount of bids is the same model that was used to evaluate proxy resources in PacifiCorp's 2021 IRP with limited updates for

⁴⁵ The terms "Financial Lease" and "Operating Lease" have the meaning assigned to such terms in the Accounting Standards Codification (ASC) 842 as issued and amended from time to time by the Financial Accounting Standards Board (FASB).

⁴⁶ See IRS Code Section 7701(e) describing the test for capital lease for tax purposes.

⁴⁷ The term "Variable Interest Entity" or "VIE" - has the meaning assigned to such term in ASC 810 as issued and amended from time to time by the FASB.

market conditions conducted with IE oversight. PacifiCorp uses PLEXOS to serve as a decision support tool that can be used to guide prudent resource acquisition paths that maintain system reliability at a reasonable cost.

At a high level, the 2022AS RFP evaluation process involves multiple phases:

1. Minimum criteria and bid eligibility.
2. Due diligence and non-price scoring.
3. Bid preparation for input into PLEXOS, including resource shaping.
4. PLEXOS modeling, including bid selection, portfolio optimization, reliability testing, price-policy scenario analysis, stochastic risk analysis and price scoring.
5. Combination of price and non-price scoring and ranking of preferred resources.
6. Sensitivities may be run as part of the state regulatory approval process.
7. Finally, state-specific resource analyses to comply with evolving regulations. Specific examples include: i) resources allocated to Washington will be measured by certain non-energy benefits and community benefit indicators in compliance with CETA, and ii) small-scale renewables (under 20 MW) will be considered for purposes of satisfying AR 622 Small Scale Renewable Standard in Oregon.

The final shortlist will be selected following a series of PLEXOS model analyses based on a combination of price and non-price factors as weighted in Table 2.

Table 2. Scoring to Determine the Final Shortlist

	Maximum Score
1. Price	75 points
2. Non-price score	25 points

Price scores are determined using PLEXOS model outcomes in accordance with [Appendix R - Bid Scoring and Modeling](#). Non-price scores are determined using a non-proprietary, self-scoring matrix. Developers will be asked to grade themselves as part of their bid package, which PacifiCorp will audit before determining a final non-price score for each bid.

The 2022AS RFP evaluation process is shown in Figure 1 and Figure 2. More detail on the price and non-price score methodology is provided below.

Figure 1. Bid Evaluation and Selection Process – Generation and Storage Resources

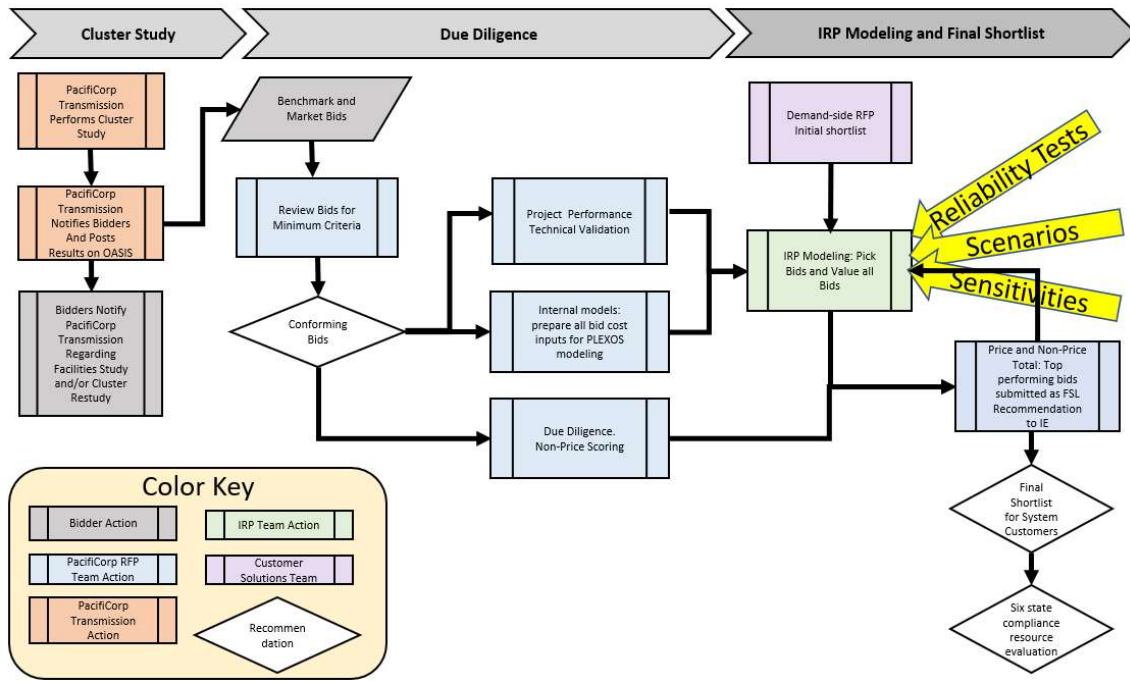
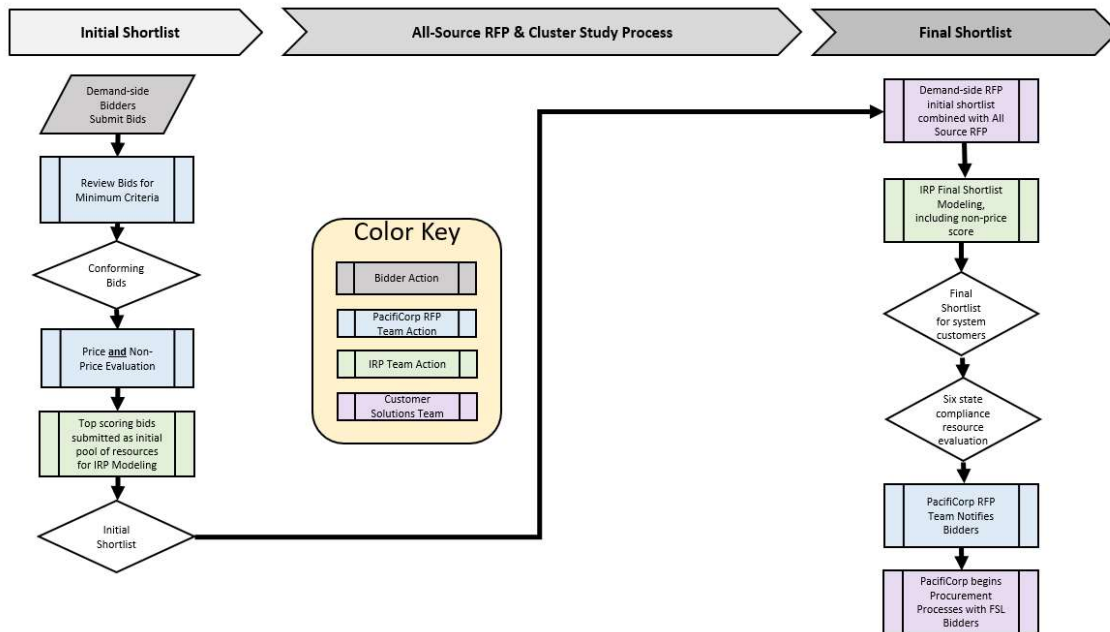


Figure 2. Bid Evaluation and Selection Process – Demand-side Resources



A. BID ELIGIBILITY: CONFORMANCE TO MINIMUM REQUIREMENTS

Benchmark and market bids will initially be screened after receipt against minimum requirements to determine RFP conformance and eligibility. After IE review and consultation, non-conforming bids will be notified to correct their bid within two (2) business days or be removed from the RFP.

Consistent with OR 860-089-0400 (2), non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

B. DUE DILIGENCE AND NON-PRICE SCORING

After PacifiCorp has screened for eligibility, conforming bids will be evaluated according to the non-price criteria in Table 3. PacifiCorp’s review will focus on i) identifying bid attributes that would prevent PacifiCorp from reaching a contract with Bidder and ii) identifying bid deficiencies that would prevent the resources from coming online by the required deadline.

Table 3. Non-Price Factor Weighting

Non-Price Factors	Maximum Non-Price Factor Points
1. Bid Submittal Completeness	5 points
2. Contracting Progress and Viability	5 points
3. Project Readiness and Deliverability	15 points
TOTAL NON-PRICE SCORE	25 points

As part of their bid response, bidders will have self-scored their bids using the non-price scorecard, which will be audited and verified by PacifiCorp prior to giving each bid a non-price score. PacifiCorp reserves the right to contact a bidder to seek clarification and support for the bidder’s self-score. Bidders will have two business days to provide information requested by PacifiCorp to verify the self-scores.

A maximum of 25 points will be allocated for non-price score⁴⁸. The non-price evaluation rubric is included in **Appendix L – Non-Price Scoring Matrix**.⁴⁹ For each non-price factor, proposals will be assigned a one or a zero. PacifiCorp’s non-price scoring model evaluates whether bids are thorough and comprehensive, whether the proposed resource is viable, and whether the bidder is likely to achieve commercial operation by December 31, ~~2026~~2027 (or December 31, 2028, for long-lead time resources), or the proposed COD. The non-price rubric is designed to be objective, intuitive, and self-scoring. As a bid requirement, bidders are required to score themselves based on the completeness of RFP bid requirements, the ability to contract with the resource, and the maturity of the project and ability of the bidder to deliver the resource by the commercial operation deadline.

The first section of non-price scoring model is similar to a check list and grades bids based on completion of bid requirements such as providing complete, thorough and consistent responses. The second section grades bidders based on the ability to contract the resource bid. The third section of the non-price scoring model assesses each bid’s development status and viability. Points are earned based on degree of site control, permits attained, completed equipment

⁴⁸ The same weighting for price and non-price scoring will be used for demand-and supply-side bids. Non-price scores will be worth up to 25 points and price scores will be up to 75 points. All references in Appendix Q will be updated to reflect the 75/25 weighting.

⁴⁹ OAR 860-089-400-2(b).

sourcing strategy and other development and operational characteristics such as dispatchability and having a reasonable construction schedule.

PacifiCorp confirms that the non-price scoring is compliant with OAR 860-089-0400(2), non-price factors. Non-price scores primarily relate to resource characteristics identified in the Company's most recent acknowledged IRP Action Plan and reflect standard form contracts. Non-price scoring criteria is objective and reasonably subject to self-scoring analysis by bidders. Non-price score criteria that seek to identify minimum thresholds for a successful bid have been converted into minimum bidder requirements.

PacifiCorp requests that all resources complete the equity questionnaire in **Appendix P – Equity Questionnaire- tabs 1 and 2**. Bids located in PacifiCorp's California, Washington and Oregon service territory will earn points in the non-price scorecard consistent with the following state policies:

- For resources located in California, PacifiCorp has a preference for renewable energy projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases when ranking projects. As described in Section 3.G of the RFP, bids located in PacifiCorp's California service territory may provide a free bid alternative meeting a supplier diversity target for women-owned, minority-owned, disabled veteran-owned and LGBTQ-owned business enterprises and we encourage the bidder to register with California's supplier clearing house.
- Resources in Oregon will be required to provide attestations consistent with HB2021 in order to demonstrate their intent to meet the requirements of HB2021, including but not limited to apprenticeship and workforce requirements.
- Small-scale and distributed supply-side renewable resources under 20 MW which contribute to Washington's CETA goals and PacifiCorp's requirement under the AR 622 Small Scale Renewable Standard.
- When considering resources allocated to Washington customers, PacifiCorp has a preference for projects that provide environmental and economic benefits to highly impacted communities and vulnerable populations. When considering resources to be allocated to Washington customers, **Appendix P – Equity Questionnaire** responses will be used in the final phase of the evaluation process to measure Washington customer benefit indicators as part of Washington's CETA. As resource allocations are not yet known, PacifiCorp requests that all bidders complete Tab 2 of Appendix P- Equity Questionnaire to the best of their knowledge and ability.

C. BID PREPARATION INTO PLEXOS AND RESOURCE SHAPING

Both supply-side and demand-side resources will be prepared and uploaded into PLEXOS. PacifiCorp uses its proprietary excel models to process bid costs for input to PLEXOS modeling with oversight by the IEs. PacifiCorp's proprietary excel file will be used to prepare supply side bids by creating levelized costs for each eligible bid to be included in PLEXOS.

Consistent with the treatment of capital revenue requirement in PacifiCorp's IRP modeling, PacifiCorp will convert any calculated revenue requirement associated with capital costs, as applicable (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 non-capital revenue

requirement in PacifiCorp’s IRP modeling, all other bid costs will be summarized in nominal dollars and formatted for input into to the IRP models.

PacifiCorp’s proprietary excel model will calculate the delivered revenue requirement cost of each bid, inclusive of any applicable carrying cost and net of tax credit benefits, all operations and maintenance expenses, property taxes, generation taxes, direct assigned interconnection costs and PacifiCorp Transmission estimated network upgrade costs, as applicable (see Table 4). In developing the delivered cost for each bid, PacifiCorp requires certain cost data as inputs to the bid preparation model. Table 4 contains a summary of the cost / benefit components included in PacifiCorp’s bid preparation model by bid structure.

Table 4. Summary of Net Cost Components by Bid Structure

Component	PPA	Tolling	BTA	Benchmark
Initial Capital Revenue Requirements (net of ITC, if solar)	-	-	(X)	(X)
Ongoing Capital Revenue Requirements	-	-	(X)	(X)
PTC Schedule Benefit (if wind)	-	-	X	X
Terminal Value ⁵⁰	-	-	X	X
O&M, Lease/Royalty, Insurance	-	-	(X)	(X)
Property Taxes	-	-	(X)	(X)
State Generation Tax (if Wyoming or Montana)	-	-	(X)	(X)
Network Upgrade Revenue Requirements	(X)	(X)	(X)	(X)
PPA Price Schedule ⁵¹	(X)	-	-	-
Storage Costs (Toll or Call Option Price Schedule for PPA/Tolls, or capital cost schedule for BTAs)	(X)	(X)	(X)	(X)
Integration Cost	(X)	-	(X)	(X)

*Demand-side resources will be evaluated on a cost of capacity basis net of benefits specific to state cost-effectiveness requirements.

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, and reviewed by the IEs prior to finalizing

⁵⁰ The terminal value assumptions included in the evaluation of utility-owned resources are limited to three components: 1) the remaining usable life for transmission assets (62-year useful life); 2) the remaining usable life of non-transmission assets (land and improvements) (30 year life); and 3) the remaining value of development rights (30 year life)

⁵¹ Price scheduled included in Appendix C-2 shall include all development, financing, construction, operations and maintenance costs, including the cost of providing security required in the proforma agreements.

the bid preparation model for PLEXOS. Bids with different price structures and terms will be normalized prior to uploading into PLEXOS.⁵²

Projected renewable resource performance data (expected hourly capacity factor information) and degradation schedules will also be processed for input into the PLEXOS model. PacifiCorp will process verified capacity factors for inclusion in the production cost models. Upon determination of bid eligibility, PacifiCorp will engage a third-party subject matter expert to verify the capacity factor of the proposed wind and solar resources meeting the RFP eligibility criteria, consistent with Oregon rule 860-089-0400 5(a), so that technical due diligence is completed in parallel with the non-price scoring effort and so that validated resource estimates are ready and available to be input into PLEXOS.

As part of the preparation for inputting bid results into PLEXOS, bidder's resource estimates by hour (i.e., 8760s) will be re-shaped based on a similar technology and location present in the 2018 reference year, consistent with the methodology used in the 2021 IRP.

D. PLEXOS ANALYSIS: BID SELECTION AND PORTFOLIO OPTIMIZATION

The IRP team will evaluate the bids using PLEXOS, the same production cost models used in the 2021 IRP. The IRP production cost models will select the optimized portfolio of resources proposed as part of the 2022AS RFP as well as any demand-side bids received as part of the voluntary targeted demand-side RFP issued by Q3 2022. The IRP modeling tools will select from the supply-side and demand-side bids the least cost resources based on bid cost and performance data.

PacifiCorp will not make any of the IRP evaluation models available to the IEs, bidders, or stakeholders. However, PacifiCorp will summarize for the IEs how the IRP evaluation models function, and the IEs will be provided with the inputs and outputs of PLEXOS model runs used during the evaluation process.

1. Bid Resource Portfolio Development

The PLEXOS model is used to develop an optimized portfolio of resources and candidates for the final shortlist. PacifiCorp uses PLEXOS to develop, test and evaluate the cost of multiple resource portfolios including sensitivities to understand the relative performance of portfolio and resource alternatives under certain conditions.

2. Reliability Tests

PacifiCorp will perform a reliability assessment to ensure that the selected portfolio of resources can meet all hourly load and operating reserve requirements with sufficient margin⁵³ to account for other system uncertainties such as non-normal weather events.

⁵² R746-420-3(4)(c)

⁵³ Consistent with the reserve requirements in the 2021 IRP.

Should incremental flexible resource capacity be required to maintain system reliability, additional resources will be selected from the bids that are capable of providing incremental flex capacity to hit the targeted reliability requirements.

3. Price Policy Scenarios and Risk Analysis

PacifiCorp evaluates portfolios under a range of different environmental policy and market price scenarios (policy-price scenarios).⁵⁴ PLEXOS calculates the stochastic mean present value revenue requirement (PVRR) and the risk-adjusted PVRR for various policy-price scenarios⁵⁵ to help identify whether top-performing portfolios exhibit especially poor performance under the range of scenarios. PacifiCorp summarizes and analyzes the portfolios to identify the specific bid resources that are most consistently selected among the policy-price scenarios.

In this way, PacifiCorp uses PLEXOS to optimize its selection of bid resources to identify the lowest cost, reliable portfolio under multiple scenarios for further consideration as part of the final shortlist process. PacifiCorp may select one or more 2022AS RFP resource portfolios for further scenario risk analysis.

PacifiCorp uses PLEXOS to test each portfolio and evaluate its ability to perform under dynamic weather and market conditions. PLEXOS measures the stochastic risk of each portfolio through its production cost estimates. By holding a resource portfolio fixed and using Monte Carlo simulations of stochastic variables, including load, wholesale electricity and natural gas prices, hydro generation, and thermal unit outages, PLEXOS can measure the expected cost of each portfolio in an uncertain future.

4. Price Scoring

PLEXOS will calculate the relative system costs and benefits of each resource included in the model for evaluation. The operational characteristics of every bid will be included in the model so that PLEXOS will generate a value stream specific to each bid that will then be used to calculate a price score [in accordance with Appendix R - Bid Scoring and Modeling](#).

[More information about bid modeling techniques and price scoring, including an example of how the bid scoring will work, may be found in Appendix R.](#)

⁵⁴ Policy-price scenarios will be conceptually consistent with those used in the 2021 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 benchmark bids are received and opened.

⁵⁵ 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 PLEXOS. The risk-adjusted metric adds 5% of system variable costs from the 95th percentile to the stochastic mean. The risk-adjusted metric incorporates the expected value of low-probability, high-cost outcomes.

E. FINAL SCORING AND RANKING TO RECOMMEND FINAL SHORTLIST

Following the PLEXOS analysis to select resources and determine price scores for each of the bids, PacifiCorp will combine the price and non-price scores to generate a total final bid score and ranking for each bid (both supply side and demand side bids). In the event that the ranked bids are inconsistent with the selected resources and preferred portfolio resulting from the PLEXOS performance optimization models, in coordination with the IEs, PacifiCorp will investigate the discrepancy(ies) and may add or remove resources and run additional iterations of PLEXOS including, but not limited to, reliability tests and price-policy scenarios.

When considering tiebreakers for inclusion in the final shortlist, PacifiCorp will give preference to renewable energy and demand-side resources that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases when ranking projects.⁵⁶

~~Similarly, before establishing a final shortlist, PacifiCorp will hold regular meetings with the IEs both in the preparation process for preparing model inputs and analyses and after proposals are received during the evaluation and selection process. Before establishing a final shortlist, the IEs will be provided all bid preparation files and all of the PLEXOS outputs in order to evaluate the scoring and selection process.~~ PacifiCorp may take into consideration, in consultation with the IEs, 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.⁵⁷

PacifiCorp will summarize and evaluate the results of its scenario risk analysis, considering PVRR results, to identify the specific least-cost, least-risk bids in consideration of non-price scores. Based on these data and certain other factors as described above, and in consultation with the IEs, PacifiCorp may establish a final shortlist.

Selection of the final shortlist will not be conditioned on the results of any future restudy arising out of the applicable PacifiCorp Transmission cluster study process.

After the final shortlist is established and approved, PacifiCorp will engage in negotiations with the selected bidders to finalize their contract and prepare the contract for execution. 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.

⁵⁶ Pub. Util. Code § 399.13(a)(5)(7)(A) requires the following: “In soliciting and procuring renewable energy resources for California based projects, each electrical corporation shall give preference to renewable projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants and greenhouse gas emissions.”

⁵⁷ Will provide footnote to UT, OR, WA, and CA requirements prior to RFP issuance.

F. BENCHMARK BID CONSIDERATIONS

In compliance with Oregon rule 860-089-0350, prior to receiving and evaluating market bids, PacifiCorp will i) complete due diligence and non-price scoring for all benchmark bids and forward such models and result to the IEs, ii) complete the bid preparation models for each benchmark resource and upload them into PLEXOS and iii) run the performance optimization and provide initial pricing for each benchmark bid relative to proxy resources. The non-price scores, bid preparation model inputs, PLEXOS output, and initial price scores will be provided to the IE and filed with the Commission prior to opening market bids.

After PacifiCorp received market bids, PLEXOS will be re-run comparing all benchmark and market bids to provide a final price score for each benchmark and market bid. PacifiCorp will apply the same assumptions and bid scoring and evaluation criteria to the benchmark bids that are used to score other bids. Prior to opening and scoring the market bids, PacifiCorp will ~~file~~have filed with the Commission, and ~~submit~~submitted to the IEs for review and comment, its detailed bid preparation models and non-price scores for the benchmark resources developed in consultation with the IEs and any other supporting cost or related information.

The Benchmark bids will be validated by the IEs and no changes to any aspect of the Benchmark bids by PacifiCorp will be permitted after the filing and receipt of market bids. All relevant costs, assumptions, model inputs and characteristics of the Benchmark bids will be validated by the IEs prior to receiving any of the bids and are not subject to change during except as provided herein.

Benchmark bids will not be subject to change unless updates to other bids are permitted. If, during the course of the RFP process, the Commission or the IEs determines that it is appropriate to update any bids, PacifiCorp will make the equivalent update to the score of the benchmark resource.

PacifiCorp and the IEs will file under protective order(s) an assessment of the benchmark scores as well as cost and other information as required.

In this way, in compliance with Washington rule 480-107-024(3), PacifiCorp will not disclose the contents or results of competing market bids to personnel involved in developing the utility's benchmark bids. Further in compliance with Utah rule R746-420-3(3)9e), by completing the due diligence and scoring of Benchmark bids prior to accepting market bids, PacifiCorp assures that resource evaluations will be conducted in a fair and non-preferential manner.

G. STATE REGULATORY CONSIDERATIONS

Following the final shortlist selection, PacifiCorp may consider resources additions and changes required for state compliance purposes.

For example, to address Washington's CETA requirements, in consultation with the IE, PacifiCorp will evaluate the final shortlist bids designated in part to serve Washington customers. As part of the Section 6 Evaluation and Selection Process, PacifiCorp will have established a price and non-price score for each bid. A bidder may have offered an alternative diversity strategy with a different supplier, contractor or workforce diversity target and a different price for a proposed resource. PLEXOS, during the price scoring step of the evaluation process will have established a

price score for each bid alternative. Similarly, each of the alternatives may have a different non-price score based on the unique diversity strategy and other attributes. In the event that the total ranking (combination of price and non-price score) for one of the bid alternatives for the resource is selected for the final shortlist based on its total score and ranking in consideration of the PLEXOS portfolio optimization recommendations, then PacifiCorp will consider the bid alternatives. In the event that one of the bid alternative offered a diversity strategy more compatible with CETA goals, PacifiCorp would, in coordination with the IE, analyze the incremental cost of the preferred bid alternative and may recommend moving forward with a higher cost, more favorable resource bid alternative to address Washington’s CETA goals, with the understanding that any incremental cost will be allocated to Washington customers.

It is in this state regulatory consideration step that PacifiCorp will review the recommended list of renewable and ~~nonemitting~~non-emitting resources to be assigned to Washington customers and consider the Appendix B-2, Section 10 bid narrative responses as well as the Appendix P Equity Questionnaire responses. In accordance with WAC 480-107-035, PacifiCorp will review the Equity Questionnaire for each resource and evaluate the associated risks and benefits to vulnerable populations and highly impacted communities associated with those bids. PacifiCorp, in consultation with the IE, may add or replace resources allocated to Washington customers in order to meet CETA goals. Per CETA rules, the incremental cost associated with those resources would later be assigned to Washington customers. If for example, a demand-side bidder offers a program to increase the number of households/businesses who will participate/enroll in demand response, load management, and behavioral programs as a result of this proposed resource, and if the bid offered a unique opportunity to contribute to PacifiCorp’s customer benefit indicators in Washington, yet was not recommended to the final shortlist due to its price and non-price score ranking, then PacifiCorp, in coordination with the IE, may recommend adding such a resource on behalf of Washington customers, so long as the incremental cost would be assigned to Washington customers.

As part of the state regulatory consideration step related to Oregon, PacifiCorp will consider small-scale and distributed supply-side resources under 20 MW which were not selected to the final shortlist but which might be purchased on behalf of Oregon customers to contribute to the Company’s AR 622 requirements.

H. RESOURCES NOT SELECTED TO FINAL SHORTLIST

Following PacifiCorp’s selection of resources for system customers and any additional resources required to meet specific state compliance obligations, PacifiCorp may conduct a secondary process to match renewable resource bids that are not chosen to the final shortlist to customers interested in voluntary renewable programs. This secondary, discretionary process shall have no bearing on the outcome of the least-cost, least-risk resources chosen for system customers and state regulatory requirements.

SECTION 7. AWARDING OF CONTRACTS

A. INVITATION

This RFP presents only an opportunity for bidders 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. Waive any irregularity or informality on any proposal to the extent not prohibited by law.
7. Reject any or all proposals in whole or in part.
8. Vary any timetable.
9. Conduct any briefing session or further RFP process on any terms and conditions.
10. Withdraw any invitation to submit a response.

B. BASIS OF REJECTION

Proposals may be rejected for any reason including but not limited to not meeting the minimum eligibility requirements identified in Section 3.1 of this RFP.

C. NON-RELIANCE LETTER

All parties will be required to sign **Appendix G-2 - Non-Reliance Letter** if they qualify for the final shortlist.

D. POST-BID NEGOTIATION

PacifiCorp will negotiate final contract terms following issuance of the final shortlist. PacifiCorp will include in its final evaluation prior to contract execution 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.

PacifiCorp has 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 does not in any way prevent 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 that propose transactions that PacifiCorp believes in its sole discretion have a reasonable likelihood of being executed.

E. SUBSEQUENT REGULATORY ACTION

Unless mutually agreed between the parties in a definitive agreement or unless required by actual (or proposed) law or regulatory order, 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.

F. RFP RESULTS

PacifiCorp will comply with Washington and Oregon rules for posting of the RFP results. Washington requires a summary of each bid be posted within thirty (30) days after the close of the bidding period. Oregon requires after execution of all contracts or cancellation of the RFP, that 1) individual bidder's score be made available to the bidder, upon request,⁵⁸ and 2) a publicly available filing be made in the Oregon RFP docket providing the average bid score and the average price of the final shortlist by resource type.⁵⁹

⁵⁸ OAR 860-089-500(6)

⁵⁹ OAR 860-089-500(5)

Version: UM2193 – Oregon Reply Comments ~~Response~~ Filing
Date: ~~March 4~~ April 11, 2022



**2022 All-Source Request for Proposals
(2022AS RFP)**

**Appendices A-Q
Umbrella Document**

Version: UM2193 – Oregon Reply Comments Response Filing
 Date: ~~March 4~~ April 11, 2022

Summary of 2022AS RFP Appendices A-Q	Appendix Title	Included Below or Separate Attachment	Informational or Required Submittal	Excel Attachment
Appendix A	Technical Specifications and Required Submittals	Included Below	Both, noted by Sub-appendix below	
Appendix A-1.1	Appendix A - Technical Specifications Matrix	Separate Attachment	Informational	Excel
Appendix A-1.2 (BTA)	Wind Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.3 (BTA)	Wind Work Specifications – Observation Tower	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.4 (BTA)	Solar Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.5 (BTA)	HV Work Specifications	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-1.6 (BTA)	Battery Energy Storage System Technical Specification	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-2	Interconnection Studies and Agreements	Included Below	Required Submittal	
Appendix A-3	Permitting Matrix	Separate Attachment	Required Submittal	Excel
Appendix A-4.1 (BTA)	Contract Safety Plan Requirements	Separate Attachment	Informational	
Appendix A-4.2 (BTA)	Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	
Appendix A-5	Project Single-Line Drawing and Layouts	Included Below	Required Submittal	
Appendix A-6 (BTA)	Division of Responsibility	Separate Attachment	Required Submittal	Excel
Appendix A-7 (BTA)	General Technical Specifications	Separate Attachments (A-7.01 through A-7.23)	Informational (or exceptions via submittal)	
Appendix A-7.01 (BTA)	Project Document Formatting and Requirements	Separate Attachment	Informational	
Appendix A-7.02 (BTA)	Document Deliverables	Separate Attachment	Required Submittal	Excel
Appendix A-7.03 (BTA)	General AutoCAD Drafting Standards (Spec DCAP876)	Separate Attachment	Informational	
Appendix A-7.04.1 (BTA)	EBU PX-S01-S01A Substation Equipment—Power Transformer	Separate Attachment	Informational (or exceptions via submittal)	

2022AS RFP

Version: UM2193 – Oregon Reply Comments Response Filing
 Date: March 4 April 11, 2022

Appendix A-7.04.2 (BTA)	EBU PX-S02 Substation Equipment—Collector Substation Main Power	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.04.3 (BTA)	ZS-102 Two-Winding Dist Transformer Specification	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.05 (BTA)	EBU SI-S04 Electrical Equipment-Insulating Oil.	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.06 (BTA)	EBU SI-S02 Wind, Ice, and Seismic Withstand	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.07 (BTA)	EBU SI-S03 Contaminated-Environment Protection	Separate Attachment	Informational	
Appendix A-7.08 (BTA)	Procedure SP-TRF-INST Transformer Installation	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.09 (BTA)	TD051 Danger Sign	Separate Attachment	Informational	
Appendix A-7.10.1 (BTA)	Engineering Handbook Part 6B 5 Fence Application and Construction	Separate Attachment	Informational	
Appendix A-7.10.2 (BTA)	Section 02810 Chain Link Fencing and Gates	Separate Attachment	Informational	
Appendix A-7.10.3 (BTA)	Section 02815 Cantilever Slide Gate	Separate Attachment	Informational	
Appendix A-7.11 (BTA)	Engineering Handbook Park 6B 6 Substation Grounding	Separate Attachment	Informational	
Appendix A-7.12 (BTA)	GEN-ENG-RELAY-0001 Protective Relaying Requirements for New Plants	Separate Attachment	Informational	
Appendix A-7.13 (BTA)	GEN-ENG-RELAY-0002-Arc Flash Requirements for New Plants	Separate Attachment	Informational	
Appendix A-7.14 (BTA)	GEN-ENG-RELAY-0003 CT and PT Integrity Test	Separate Attachment	Informational	
Appendix A-7.15 (BTA)	GEN-ENG-RELAY-1003 Protective Relay Maintenance and Testing PRC 005	Separate Attachment	Informational	
Appendix A-7.16 (BTA)	Relay Testing and Commissioning Checklist	Separate Attachment	Informational	
Appendix A-7.17 (BTA)	Relay Installation Procedure GPCP-EQPMNT-INST	Separate Attachment	Informational	
Appendix A-7.18 (BTA)	Current Transformer Installation Procedure GPCP-CT-INST	Separate Attachment	Informational	
Appendix A-7.19 (BTA)	Current Transformer Installation Form GPCF-CT-INST	Separate Attachment	Informational	Excel
Appendix A-7.20 (BTA)	SG001 Substation High-Voltage Warning Signs	Separate Attachment	Informational	
Appendix A-7.21 (BTA)	EXHIBIT Xv4 Substation Equipment Installation	Separate Attachment	Informational	

Version: UM2193 – Oregon Reply Comments Response Filing
 Date: ~~March 4~~ April 11, 2022

Appendix A-7.22.1 (BTA)	SV 251 Bird and Animal Protection for Miscellaneous Equipment	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.22.2 (BTA)	SV 001 Bird and Animal Protection—General Information	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.22.3 (BTA)	SV 002 Bird and Animal Protection—General Installation Instructions	Separate Attachment	Informational (or exceptions via submittal)	
Appendix A-7.23 (BTA)	Volume 8 Consultant Drafting Procedures and Standards	Separate Attachment	Informational	
Appendix A-8 (BTA)	Real Estate Specifications	Separate Attachment	Required Submittal	
Appendix A-9	Equipment Supply Matrix	Separate Attachment	Required Submittal	Excel
Appendix A-10 (BTA)	Plant Performance Guarantee	Included Below	Required Submittal	
Appendix B-1	Notice of Intent to Bid Instructions	Included Below	Requested Submittal	
Appendix B-1.1	NOI Excel Spreadsheet	Separate Attachment	Requested Submittal	Excel
Appendix B-2	Bid Proposal Instructions and Required Information	Included Below	Required Submittal	
Appendix C-1	Bid Summary and Pricing Input Sheet Instructions	Included Below	Informational	
Appendix C-2	Bid Summary and Pricing Input Sheet	Separate Attachment	Required Submittal	Excel
Appendix C-3	Energy Performance Report	Included Below	Required Submittal	
Appendix D	Bidder’s Credit Information	Included Below	Required Submittal	
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders	Included Below	Informational	
Appendix E-2.1	PPA Documents – Generating Resource Only	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix E-2.2	PPA Documents – Collocated Generating Resource with Energy Storage	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix E-3	Tolling Agreement Documents	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix F-1 (BTA)	BTA Instructions to Bidders	Included Below	Informational	
Appendix F-2 (BTA)	BTA Documents	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	

Version: UM2193 – Oregon Reply Comments Response Filing
 Date: ~~March 4~~ April 11, 2022

Appendix G-1	Confidentiality Agreement	Included Below	Required Submittal	
Appendix G-2	Non-Reliance Letter	Included Below	Informational (Required at Final Shortlist)	
Appendix H-1	2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections	Included Below	Informational	
Appendix H-2	2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections	Included Below	Informational	
Appendix H-3	PacifiCorp Transmission: Summary of OASIS queue positions	Separate Attachment	Informational	Excel
Appendix I	Standards of Conduct; Separation of Functions	Included Below	Informational	
Appendix J	PacifiCorp Transmission Waiver	Separate Attachment	Requested Submittal	
Appendix K (BTA)	Operations and Maintenance Services	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix L	Non-Price Scoring Matrix	Separate Attachment	Required Submittal	Excel
Appendix M	Role of the Independent Evaluator	Included Below	Informational	
Appendix N	PacifiCorp's Organization for RFP Process	Included Below	Informational	
Appendix O	PacifiCorp's Company Alternative (Benchmark Resource)	Included Below	Informational	
Appendix P	Equity Questionnaire	Separate Attachment	Requested Submittal (Required for Washington)	Excel
Appendix Q (demand-side)	2021 Demand Response RFP – Requirements for Demand-side Bids	Included Below	Both, noted by Sub-Appendix below	
Appendix Q-1 (demand-side)	Professional Services Contract	Separate Attachment	Required Submittal as applicable (redline and issues / exceptions list)	
Appendix Q-1.01 (demand-side)	Contract Exhibit A – Scope of Work and 2021 Demand Response RFP	Separate Attachment	Informational (or exceptions via submittal)	
Appendix Q-1.02 (demand-side)	Contract Exhibit B – Pricing and Performance Template	Separate Attachment	Required Submittal as applicable	
Appendix Q-1.03 (demand-side)	Contract Appendix B – Demand Side Tech Requirements	Separate Attachment	Informational (or exceptions via submittal)	Excel
Appendix Q-1.04 (demand-side)	Contract Exhibit C – Form of Acceptable Letter of Credit	Separate Attachment	Informational	
Appendix Q-1.05 (demand-side)	Contract Exhibit D – Form of Purchase Order	Separate Attachment	Informational	

2022AS RFP

Version: UM2193 – Oregon Reply Comments Response Filing
 Date: ~~March 4~~ April 11, 2022

Appendix Q-1.06 (demand-side)	Contract Exhibit E – Statutory Form of Lien and Claim Release California Work	Separate Attachment	Informational	
Appendix Q-1.07 (demand-side)	Contract Exhibit F – Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	
Appendix Q-1.08 (demand-side)	Contract Exhibit G – Expense Report Requirements for PacifiCorp Contractors	Separate Attachment	Informational	
Appendix Q-1.09 (demand-side)	Contract Exhibit H – Diversity Subcontractor Spend Report	Separate Attachment	Informational	Excel
Appendix Q-1.10 (demand-side)	Contract Exhibit I - Prohibited Vendors	Separate Attachment	Informational	
Appendix Q-1.11 (demand-side)	Contract Appendix 1 Contractor Vendor Information Form	Separate Attachment	Informational	
<u>Appendix R</u>	<u>Bid Scoring and Modeling</u>	<u>Included Below</u>	<u>Informational</u>	
<u>Appendix R-1</u>	<u>Bid Scoring Example</u>	<u>Separate Attachment</u>	<u>Informational</u>	<u>Excel</u>
<u>Appendix S</u>	<u>Berkshire Hathaway Energy Cyber Security Requirements</u>	<u>Included Below</u>	<u>Informational</u>	
<u>Appendix S-1</u>	<u>Berkshire Hathaway Energy Cyber Security Attestation</u>	<u>Included Below</u>	<u>Required Submittal</u>	<u>Excel</u>

Version: UM2193 – Oregon Reply Comments [Response](#) Filing
Date: ~~March 4~~ April 11, 2022

Table of Contents: 2022AS RFP Appendices A-Q Umbrella Document (hyperlink):

~~APPENDIX A – 2022AS RFP Technical Specifications and Required Submittals~~

~~APPENDIX A-1 – Technical Specifications Matrix~~

~~APPENDIX A-2 – Interconnection Studies or Agreement~~

~~APPENDIX A-3 – Permitting Matrix~~

~~APPENDIX A-4 – Contractor Safety Plan and Contractor Health Safety and Environmental Requirements~~

~~APPENDIX A-5 – Project Single-Line Drawing and Layouts~~

~~APPENDIX A-6 – Division of Responsibility~~

~~APPENDIX A-7 – General Technical Specifications~~

~~APPENDIX A-8 – Real Estate Specifications~~

~~APPENDIX A-9 – Equipment Supply Matrix~~

~~APPENDIX A-10 – Plant Performance Guarantee / Warranties~~

~~APPENDIX B-1 – Notice of Intent to Bid Instructions~~

~~APPENDIX B-2 – Bid Proposal Instructions and Required Information~~

~~APPENDIX C-1 – Bid Summary and Pricing Input Sheet Instructions~~

~~APPENDIX C-2 – Bid Summary and Pricing Input Sheet~~

~~APPENDIX C-3 – Energy Performance Report~~

~~APPENDIX D – Bidder’s Credit Information~~

~~APPENDIX E-1 – PPA and Tolling Agreement Instructions to Bidders~~

~~Appendix E-2 – PPA Documents Including PPA Appendices~~

~~Appendix E-3 – Tolling Agreement Documents~~

~~APPENDIX F-1 – BTA Instructions to Bidders~~

~~APPENDIX F-2 – BTA Documents~~

~~APPENDIX G-1 – Confidentiality Agreement~~

2022AS RFP

Version: UM2193 – Oregon Reply Comments Response Filing
Date: ~~March 4~~ April 11, 2022

~~APPENDIX G 2 Non Reliance Letter~~

~~APPENDIX H 1 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections~~

~~APPENDIX H 2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections~~

~~APPENDIX H 3 Transmission Summary of OASIS Queue Positions~~

~~APPENDIX I Standards of Conduct; Separation of Functions~~

~~APPENDIX J PacifiCorp Transmission Waiver~~

~~APPENDIX K Operations and Maintenance Services~~

~~APPENDIX L Non Price Scoring Matrix~~

~~APPENDIX M Role of the Independent Evaluator~~

~~APPENDIX N PacifiCorp's Organization for RFP Process~~

~~APPENDIX O PacifiCorp's Company Alternative (Benchmark Resources)~~

~~APPENDIX P Equity Questionnaire~~

~~APPENDIX Q 2021 Demand Response RFP – Requirements for Demand-side Bids~~

~~APPENDIX Q 1 Professional Services Contract~~

APPENDIX A 2022AS RFP Technical Specifications and Required Submittals

APPENDIX A-1.1 Technical Specifications Matrix

APPENDIX A-2 Interconnection Studies or Agreement

APPENDIX A-3 Permitting Matrix

APPENDIX A-4 Contractor Safety Plan and Contractor Health Safety and Environmental Requirements

APPENDIX A-5 Project Single-Line Drawing and Layouts

APPENDIX A-6 Division of Responsibility

APPENDIX A-7 General Technical Specifications

APPENDIX A-8 Real Estate Specifications

APPENDIX A-9 Equipment Supply Matrix

2022AS RFP

Version: UM2193 – Oregon Reply Comments Response Filing
Date: ~~March 4~~ April 11, 2022

[APPENDIX A-10 Plant Performance Guarantee / Warranties](#)

[APPENDIX B-1 Notice of Intent to Bid Instructions](#)

[APPENDIX B-2 Bid Proposal Instructions and Required Information](#)

[APPENDIX C-1 Bid Summary and Pricing Input Sheet Instructions](#)

[APPENDIX C-2 Bid Summary and Pricing Input Sheet](#)

[APPENDIX C-3 Energy Performance Report](#)

[APPENDIX D Bidder's Credit Information](#)

[APPENDIX E-1 PPA and Tolling Agreement Instructions to Bidders](#)

[Appendix E-2 PPA Documents Including PPA Appendices](#)

[Appendix E-3 Tolling Agreement Documents](#)

[APPENDIX F-1 BTA Instructions to Bidders](#)

[APPENDIX F-2 BTA Documents](#)

[APPENDIX G-1 Confidentiality Agreement](#)

[APPENDIX G-2 Non-Reliance Letter](#)

[APPENDIX H-1 2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections](#)

[APPENDIX H-2 2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections](#)

[APPENDIX H-3 Transmission Summary of OASIS Queue Positions](#)

[APPENDIX I Standards of Conduct; Separation of Functions](#)

[APPENDIX J PacifiCorp Transmission Waiver](#)

[APPENDIX K Operations and Maintenance Services](#)

[APPENDIX L Non-Price Scoring Matrix](#)

[APPENDIX M Role of the Independent Evaluator](#)

[APPENDIX N PacifiCorp's Organization for RFP Process](#)

[APPENDIX O PacifiCorp's Company Alternative \(Benchmark Resources\)](#)

Version: UM2193 – Oregon Reply Comments ~~Response~~ Filing
Date: ~~March 4~~ April 11, 2022

[APPENDIX P Equity Questionnaire](#)

[APPENDIX Q 2021 Demand Response RFP – Requirements for Demand-side Bids](#)

[APPENDIX Q-1 Professional Services Contract](#)

[APPENDIX R Bid Scoring and Modeling](#)

[APPENDIX R-1 Bid Scoring Example](#)

[APPENDIX S Berkshire Hathaway Energy Cyber Security Requirements Applicable to PPAs, Tolling Agreements and BTAs](#)

[APPENDIX S-1 Berkshire Hathaway Energy Cyber Security Attestation](#)

APPENDIX A

2022AS RFP Technical Specifications and Required Submittals

A full list of Appendix A documents is included in Appendix A-1.1 - Technical Specifications Matrix.

Appendix A includes certain technical submittals which are required bid submittals and bidder must include in the bid package as separate attachments:

Appendix A	Supply-side Resource Required Submittals	Applicable to:
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements (all bids)</i>	<i>All bids</i>
<i>Appendix A-3</i>	<i>Permit-Matrix (all bids)</i>	<i>All bids</i>
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout (all bids)</i>	<i>All bids</i>
<i>Appendix A-6</i>	<i>Division of Responsibility (BTA bids only)</i>	<i>BTA bids</i>
<i>Appendix A-8</i>	<i>Real Estate Specifications (BTA bids only)</i>	<i>BTA bids</i>
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix (all bids)</i>	<i>All bids</i>
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties for (BTAs bids only)</i>	<i>BTA bids</i>

In addition to the required submittals, Appendix A includes required technical specifications for BTA bids. BTA bidders must comply with the following specifications or provide an exceptions list:

Appendix A	Supply-side Resource – BTA Technical Specifications	Applicable to:
<i>Appendix A-1.2</i>	<i>Wind Work Specifications</i>	<i>Wind bids</i>
<i>Appendix A-1.3</i>	<i>Wind Work Specifications – Observation Tower</i>	<i>Wind bids</i>
<i>Appendix A-1.4</i>	<i>Solar Work Specifications</i>	<i>Solar bids</i>
<i>Appendix A-1.5</i>	<i>HV Work Specifications</i>	<i>All BTA bids</i>
<i>Appendix A-1.6</i>	<i>Battery Energy Storage System Technical Specifications</i>	<i>BTA bids with Energy Storage</i>
<i>Appendix A-4.1</i>	<i>Contract Safety Plan Requirements</i>	<i>All BTA bids</i>
<i>Appendix A-4.2</i>	<i>Contractor Health Safety and Environmental Requirements</i>	<i>All BTA bids</i>
<i>Appendix A-7</i>	<i>General Owner Standards and Specifications:</i>	<i>All BTA bids</i>

PacifiCorp will provide any additional Technical Specifications for BTA bids for other resource types upon receipt of Appendix B-1 Notice of Intent to Bid.

APPENDIX A-1.1

Technical Specifications Matrix

[INCLUDED AS SEPARATE ATTACHMENTS]

The following specifications are provided as separate attachments. BTA Bidders must comply with these technical specifications or else provide a documented list of exceptions.

A-1.2	Wind Work Specifications
A-1.3	Wind Work Specifications – Observation Tower
A-1.4	Solar Work Specifications
A-1.5	HV Work Specifications
A-1.6	Battery Energy Storage System Technical Specifications

A-4.1	Contract Safety Plan Requirements
A-4.2	Contractor Health Safety and Environmental Requirements

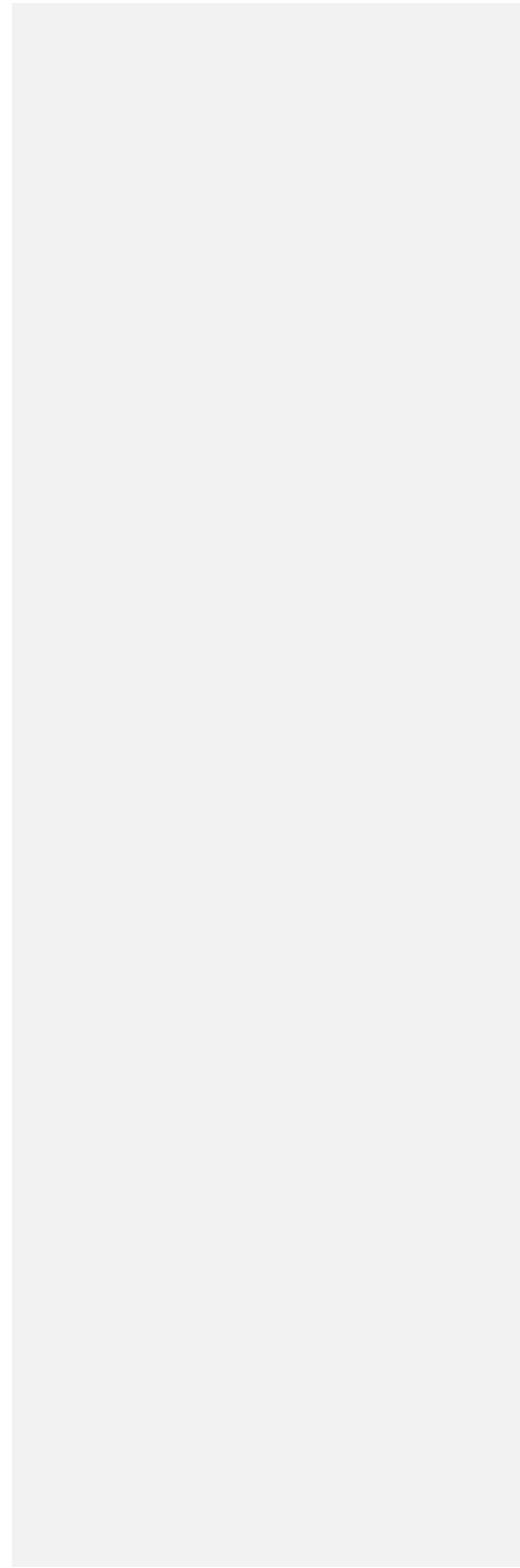
A-7	General Owner Standards and Specifications:
A-7.01	Attachment 1A Project Document Formatting and Requirements
A-7.02	Attachment 1B Project Document Deliverables
A-7.03	Computer Aided Design (PacifiCorp Energy) General AutoCAD/Drafting Standards (Specification DCAP876)
A-7.04.1	Substation Equipment—Power Transformer
A-7.04.2	Substation Equipment—Collector Substation Main Power
A-7.04.3	Two-Winding Dist Transformer Specification
A-7.05	Material Specification ZS 061, Electrical Equipment—Insulating Oil.
A-7.06	Material Specification ZS 065, Wind, Ice, and Seismic Withstand
A-7.07	Material Specification ZS 066, Contaminated-Environment Protection
A-7.08	Procedure SP-TRF-INST, Transformer Receiving, Installation and Testing
A-7.09	Danger Sign
A-7.10.1	PacifiCorp Engineering Handbook, Part 6B.5 Fence Application and Construction
A-7.10.2	Chain Link Fencing and Gates
A-7.10.3	Cantilever Side Gate
A-7.11	PacifiCorp Engineering Handbook, Part 6B.6 Substation Grounding
A-7.12	PacifiCorp Protective Relaying Standard, Document Number: GEN-ENG-RELAY-0001

A-7.13	PacifiCorp Protective Relaying Standard, Arc Flash Hazard Standard, Document: GEN-ENG-RELAY-0002
A-7.14	PacifiCorp Protective Relaying Standard, "Relay Current Transformer (CT) and Potential Transformer (PT) Insulation Integrity Test," Document: GEN-ENG-RELAY-003
A-7.15	PacifiCorp Protective Relaying Standard, "Thermal Plant Protective Relay Maintenance and Testing-PRC-005," Document: GEN-ENG-RELAY-1003
A-7.16	PacifiCorp Protective Relaying Standard, "Relay Testing & Commissioning Checklist"
A-7.17	PacifiCorp Protective Relaying Standard, "Relay Installation Procedure," Document: GPCP-EQPMNT-INST
A-7.18	PacifiCorp Protective Relaying Standard, "Current Transformer Installation Procedure (Relay)," Document: GPCP-CT-INST
A-7.19	PacifiCorp Protective Relaying Standard, "Current Transformer Installation Form (Relay)," Document: GPCP-CT-INST
A-7.20	SG001 Substation High Voltage Signs
A-7.21	Specification for Substation Equipment Installation Testing Commissioning
A-7.22.1	SV001 Bird and Animal Protection-General Installation Instructions
A-7.22.2	SV002 Bird and Animal Protection for Miscellaneous Equipment
A-7.22.3	Bird and Animal Protection—General Installation Instructions
A-7.23	Volume 8 Consultant Drafting Procedures and Standards

APPENDIX A-2

Interconnection Studies or Agreement

Bidders shall provide an unredacted version of the interconnection study and interconnection agreement for the proposed resource and label the attachment as Appendix A-2 to their RFP bid response.

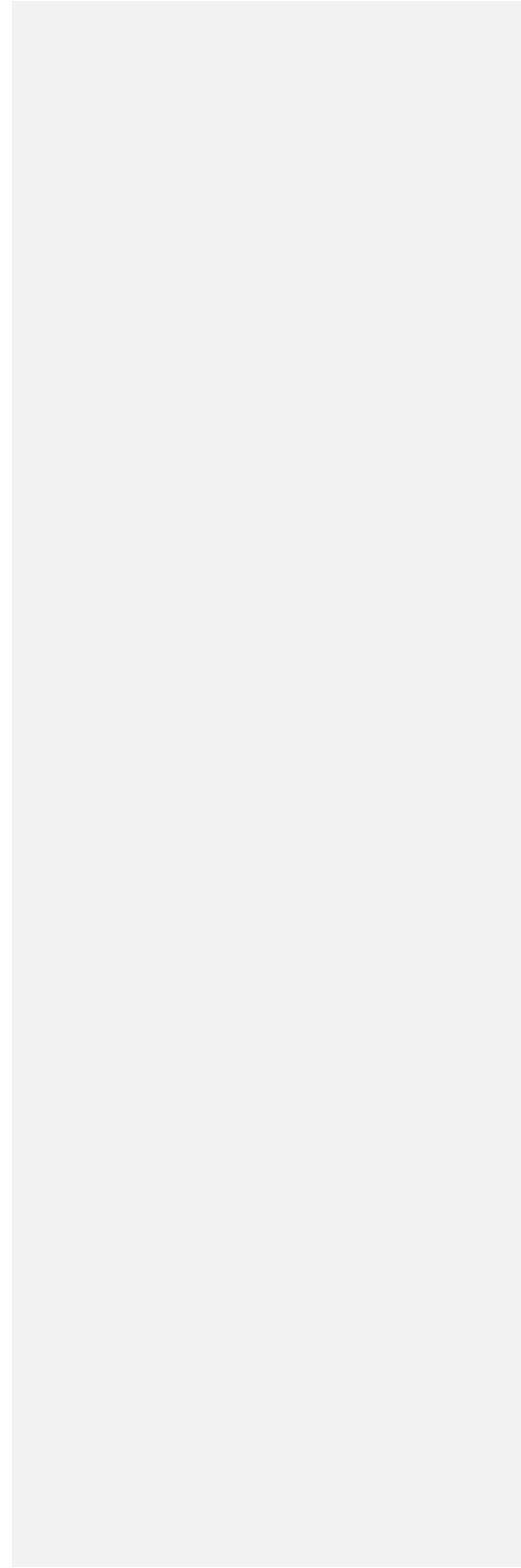


APPENDIX A-3

Permitting Matrix

[INCLUDED AS A SEPARATE EXCEL ATTACHMENT]

Bidders shall complete the Permitting Matrix and label it Appendix A-3 in their bid response.



APPENDIX A-4

Contractor Safety Plan and Contractor Health Safety and Environmental Requirements

[INCLUDED AS SEPARATE ATTACHMENTS]

The following Appendices are provided as separate attachments and are requirements for all BTA bids. All bidders, regardless of transaction structure,¹ are encouraged to abide by and have similar safety standards and requirements.

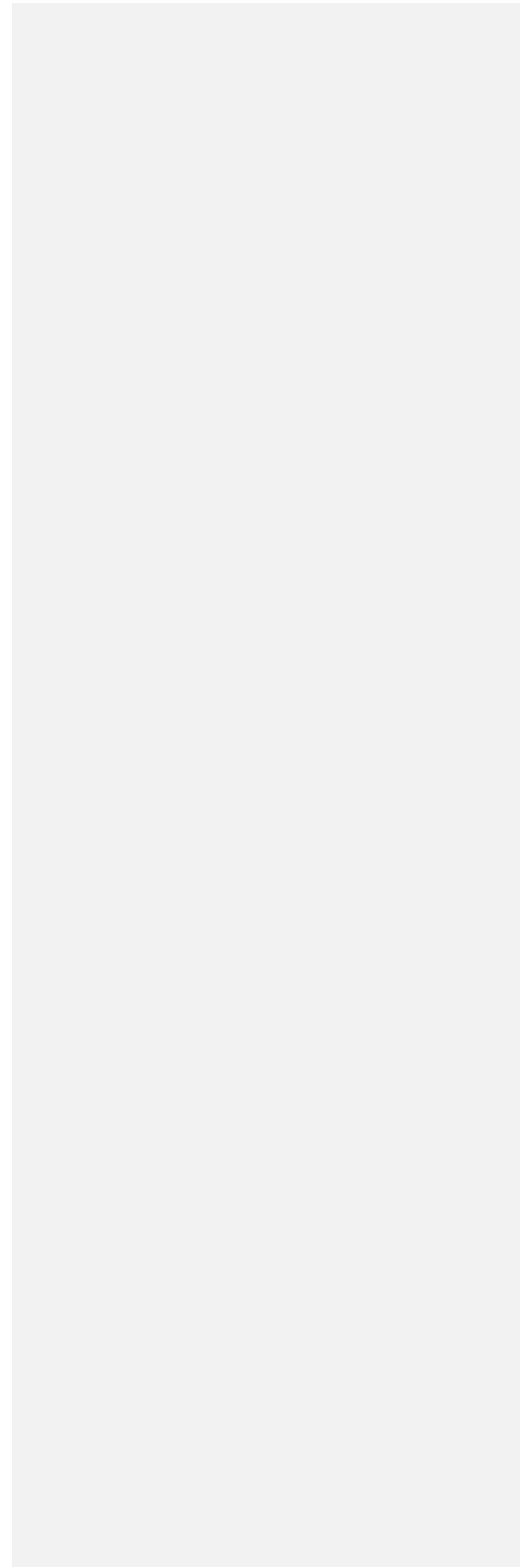
Appendix A-4.1 (BTA)	Contract Safety Plan Requirements	Separate Attachment	Informational	Word
Appendix A-4.2 (BTA)	Contractor Health Safety and Environmental Requirements	Separate Attachment	Informational	Word

¹ PPA and tolling agreement bidders and Demand-side bidders offering Professional Services Agreement contracts

APPENDIX A-5

Project Single-Line Drawing and Layouts

Bidders shall provide a single line drawing and layout shown on a United States Geological Survey (USGS) 7.5-minute series map for the proposed resource and label the attachments as Appendix A-5 to their RFP bid response.

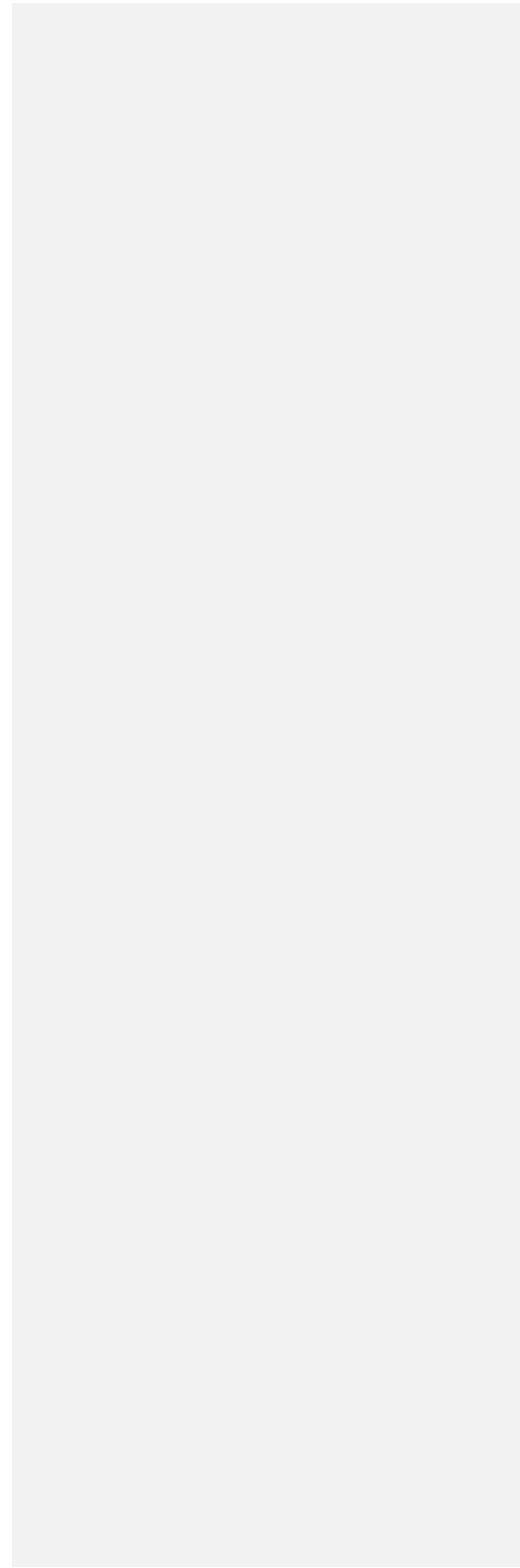


APPENDIX A-6

Division of Responsibility

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

BTA Bidders shall complete the attached spreadsheet and submit as Appendix A-6 to their RFP bid response.



APPENDIX A-7

General Technical Specifications

[INCLUDED AS SEPARATE ATTACHMENTS]

All BTA bidders are required to comply with the following General Technical Specifications

Appendix A-7 (BTA)	General Technical Specifications
Appendix A-7.01 (BTA)	Project Document Formatting and Requirements
Appendix A-7.02 (BTA)	Document Deliverables
Appendix A-7.03 (BTA)	General AutoCAD Drafting Standards (Spec DCAP876)
Appendix A-7.04.1 (BTA)	EBU PX-S01-S01A Substation Equipment—Power Transformer
Appendix A-7.04.2 (BTA)	EBU PX-S02 Substation Equipment—Collector Substation Main Power
Appendix A-7.04.3 (BTA)	ZS-102 Two-Winding Dist Transformer Specification
Appendix A-7.05 (BTA)	EBU SI-S04 Electrical Equipment-Insulating Oil.
Appendix A-7.06 (BTA)	EBU SI-S02 Wind, Ice, and Seismic Withstand
Appendix A-7.07 (BTA)	EBU SI-S03 Contaminated-Environment Protection
Appendix A-7.08 (BTA)	Procedure SP-TRF-INST Transformer Installation
Appendix A-7.09 (BTA)	TD051 Danger Sign
Appendix A-7.10.1 (BTA)	Engineering Handbook Part 6B 5 Fence Application and Construction
Appendix A-7.10.2 (BTA)	Section 02810 Chain Link Fencing and Gates
Appendix A-7.10.3 (BTA)	Section 02815 Cantilever Slide Gate
Appendix A-7.11 (BTA)	Engineering Handbook Park 6B 6 Substation Grounding
Appendix A-7.12 (BTA)	GEN-ENG-RELAY-0001 Protective Relaying Requirements for New Plants
Appendix A-7.13 (BTA)	GEN-ENG-RELAY-0002-Arc Flash Requirements for New Plants
Appendix A-7.14 (BTA)	GEN-ENG-RELAY-0003 CT and PT Integrity Test
Appendix A-7.15 (BTA)	GEN-ENG-RELAY-1003 Protective Relay Maintenance and Testing PRC 005
Appendix A-7.16 (BTA)	Relay Testing and Commissioning Checklist
Appendix A-7.17 (BTA)	Relay Installation Procedure GPCP-EQPMNT-INST
Appendix A-7.18 (BTA)	Current Transformer Installation Procedure GPCP-CT-INST
Appendix A-7.19 (BTA)	Current Transformer Installation Form GPCF-CT-INST
Appendix A-7.20 (BTA)	SG001 Substation High-Voltage Warning Signs
Appendix A-7.21 (BTA)	EXHIBIT Xv4 Substation Equipment Installation
Appendix A-7.22.1 (BTA)	SV 251 Bird and Animal Protection for Miscellaneous Equipment
Appendix A-7.22.2 (BTA)	SV 001 Bird and Animal Protection—General Information
Appendix A-7.22.3 (BTA)	SV 002 Bird and Animal Protection—General Installation Instructions
Appendix A-7.23 (BTA)	Volume 8 Consultant Drafting Procedures and Standards

APPENDIX A-8

Real Estate Specifications

[INCLUDED AS A SEPARATE ATTACHMENT]

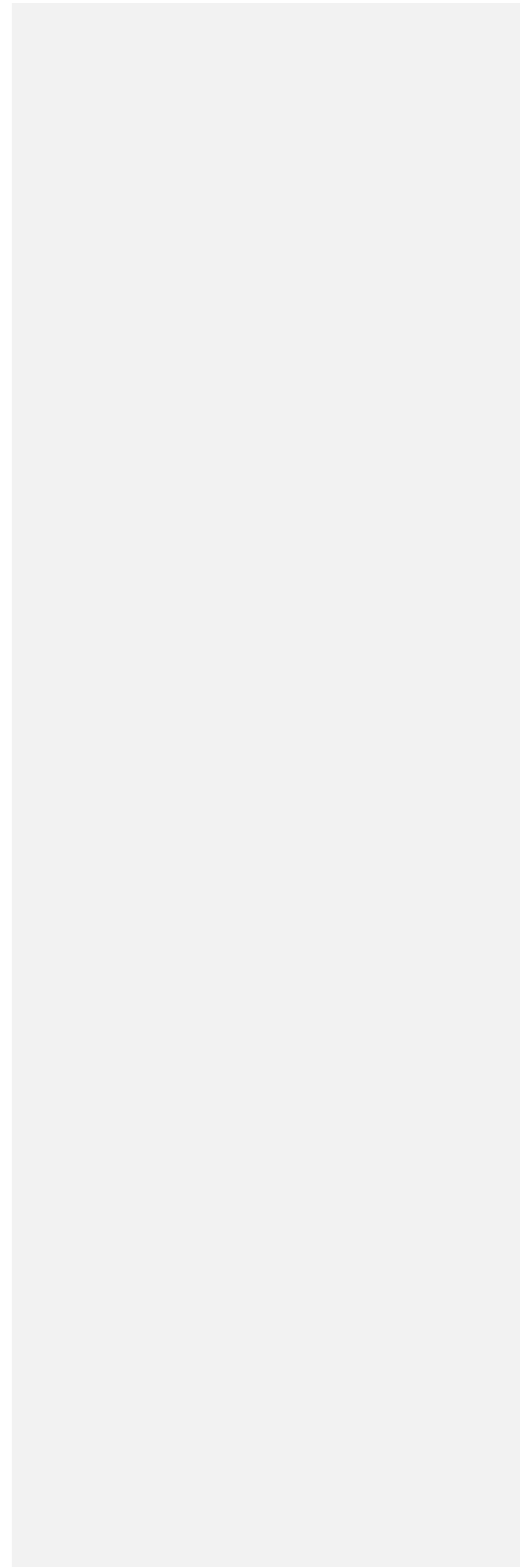
BTA Bidders shall complete and submit attachment labeled as Appendix A-8 to their RFP bid response.

APPENDIX A-9

Equipment Supply Matrix

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

All Bidders shall complete and submit Appendix A-9 to their RFP bid response.



APPENDIX A-10

Plant Performance Guarantee / Warranties

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

BTA bidders to provide equipment warranties and performance guarantees for major equipment components (i.e., turbines, panels, etc.) as Appendix A-10 to their RFP bid response. Warranties shall be consistent with the specifications in Appendix A-1.

APPENDIX B-1

Notice of Intent to Bid Instructions

Bidders who intend to bid into the 2022AS RFP process are requested to complete and return the following by the requested deadline below:

1. **Appendix B-1 – Notice of Intent to Bid Form** (as executed pdf) and **Appendix B-1.1 NOI Excel Spreadsheet** (as excel spreadsheet),
2. **Appendix D - Bidder’s Credit Information**, and
3. **Appendix G-1 - Confidentiality Agreement**, as set forth below.
4. **Appendix S-1 – Berkshire Hathaway Energy Cyber Security Attestation**

Bidders are requested to submit electronic copies of **Appendix B-1, Appendix B-1.1, Appendix D, Appendix G-1, and Appendix GS-1** to the following PacifiCorp and IE’s email addresses, no later than **5:00 p.m. Pacific Prevailing Time on Thursday, November 17, 2022.**

If multiple facilities are being bid, please provide one signed Notice of Intent to Bid form for each expected facility to be bid as well as the NOI Excel spreadsheet with a completed column for each unique bid that will be made for the facility. A facility may have multiple bids (i.e., solar facility with PPA term of 20 years and 25 years) subject to payment of the applicable bid fee.

Email:

PacifiCorp	RFPAllSource@PacifiCorp.com
Utah IE – Merrimack Energy	MerrimackIE@merrimackenergy.com
Oregon IE – PA Consulting	2022as_ie@paconsulting.com
Washington IE – Bates White, LLC	frank.mossburg@bateswhite.com

Appendix B-1.1 Notice of Intent to Bid Form and NOI Excel Spreadsheet

[INCLUDED AS A SEPARATE EXCEL FILE ATTACHMENT]

2022 All-Source Request for Proposals (2022AS RFP)

This is to declare that the undersigned intends to respond to PacifiCorp’s 2022 All-Source Request for Supply-Side Proposals, (2022AS RFP). Bidders are requested to provide an executed version in Pdf format and also the excel spreadsheet.

Facility 1	Bid 1	Bid 2 (Insert more columns as needed)
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)		
Email		
Project / Facility Name		
Resource type		
Storage type, if included		
Transaction structure type: BTA, PPA, PPA with a Battery, Tolling Agreement, Professional Services Agreement		
Pricing structure: Fixed, escalating, etc.		
If a PPA, BSA or Tolling Agreement, indicate term in years		
Size of each generating asset in MW capacity (nominal)		
Size of each storage asset in MW capacity		
Duration of storage (hours), if any		
Location (County, State)		
GPS coordinates		
Proposed point of interconnection to PacifiCorp’s system or if off-system, proposed point of delivery		
PacifiCorp interconnection queue #, if any		
Estimated Commercial Operation Date (month/year)		
Diversity Strategy (free bid alternative)		

Authorized Signature _____

Print Name _____

Title _____

Date _____

APPENDIX B-2

Bid Proposal Instructions and Required Information

This **Appendix B-2** describes PacifiCorp’s expectations and requirements for the 2022AS 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. **Appendix E-1 - PPA and Tolling Agreement Instructions to Bidders** and **Appendix F-1 – BTA Instructions to Bidders** provide additional detail on bid document deliverables. Due to submittal requirement differences for PPAs and Tolling Agreement bids as compared to BTA bids, bidders should pay strict attention to instructions to ensure bids are in compliance with the instructions as outlined. Certain items in **Appendix F-1 and Appendix F-2** will only apply to BTA proposals (as explained in the instruction document).

Bid Checklist

Each bidder must provide complete information as requested. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required in the bid submittal. Specific appendices to include in the bid submittal are shown in Column C for the applicable bid structure type in Column D (PPA and Tolling Agreement Bidders), Column E (BTA Bidders) and Column F (demand side bidders). Additional requirements for Demand-side bidders are separately included as **Appendix Q - 2021 Demand Response RFP – Requirements for Demand-side Bids**.

Bid Checklist Table:

A	B	C	D	E	F	G
	2022AS RFP Bid Applicability	Bid must include completed Appendix	Applicable to			
Appendix A	Resource Technical Specifications		PPA/Tolling	BTA	Benchmark	Demand-side
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X	X	X	X	See App Q
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X	X	X	X	See App Q
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	X	X	X	X	See App Q
<i>Appendix A-6</i>	<i>Division of Responsibility</i>	X		X		
<i>Appendix A-7</i>	<i>Owner Standards and Specification</i>	List of Exceptions		X	X	
<i>Appendix A-8</i>	<i>Real Estate Specifications</i>	X		X	X	
<i>Appendix A-9</i>	<i>Product Data-Equipment Supply Matrix</i>	X	X	X	X	See App Q
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	X		X		
Appendix B-1 (B-1.1)	Intent to Bid Form as submitted	X	X	X	X	X

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A	B	C	D	E	F	G
Appendix B-2	Information Required in Bid Proposal / Bid Proposal		X	X	X	See App Q
Appendix C-1	Bid Summary and Pricing Input Sheet Instructions		X	X	See App Q	
Appendix C-2	Bid Summary and Pricing Input Sheet	X	X	X	X	See App Q
Appendix C-3	Energy Performance Report	X	X	X	X	See App Q
Appendix D	Bidder's Credit Information	X	X	X	X	X
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders		X			
Appendix E-2.1 or E-2.2	Redline to PPA and exhibits (PPA for generating resource only or PPA w/ collocated battery storage)	X	X			
Appendix E-3	Redline to Tolling Agreement	X	X			
Appendix F-1	BTA Instructions to Bidders			X		
Appendix F-2	Redline to BTA Term Sheet	X		X		
Appendix G-1	Confidentiality Agreement	X	X	X	X	X
Appendix J	PacifiCorp Transmission Waiver	X	X	X		
Appendix K	Operations and Maintenance Services	X		X		
Appendix L	Non-Price Scoring Matrix	X	X	X	X	X
Appendix P	Equity Questionnaire	X	X	X	X	X
Appendix Q	2021 Demand Response RFP – Document Requirements	X			X	X
Appendix Q-1	Redline to Professional Service Contract and Exhibits	X			X	X
Appendix Q-1.01	Redline to Contract Exhibit A – Scope of Work ²	X			X	X
Appendix Q-1.02	Redline to Contract Exhibit B – Pricing and Performance Template	X			X	X

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² Embedded in 2021 Demand Response RFP (Exhibit A to Professional Services Contract)

A	B	C	D	E	F	G
Appendix S-1	Berkshire Hathaway Energy – Cyber Security Attestation	X	X	X		X

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PROPOSAL FORMAT

PacifiCorp requests bidders conform to the following format for presenting their bid information:

Section 1 – Cover Letter and Executive Summary of Proposal – Bids must include a signed cover letter including the required statements as provided in the RFP main document, **Section 3.E**. Cover letters must be signed by an executive of the project company. Bids shall include an executive summary including a brief description of the proposal and its key benefits and advantages to PacifiCorp. The executive summary should include a general description of the technology, location, and business arrangement for the bid including a pricing summary for the bid. Bidder must confirm the terms and conditions of their proposal will remain effective through November 21, 2023. 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.

Section 2 – Resource Description – This section should provide a description of the resource. The **Appendix B-2** narrative should describe the technology including:

- i. A summary of the bid including location, technology, megawatt (MW) capacity, contractual term (or usable life) and price. Generating resource bids should include a summary of the expected production profile, capacity factors, and degradation schedule, if any. Storage bids should summarize storage capacity, duration, round-trip efficiency and degradation schedule, if any.
- ii. A summary of the site, including GSP coordinates, a description of topology, geology, climate and resource studies completed and data available.
- iii. A summary of site control for the primary site and any necessary right-of-way or easements for transmission, roads, or access to the site.
- iv. A description of site layout including proximity to interconnection points, ingress and egress, local communities, and environmental features. The proposed site(s) must clearly be shown on a United States Geological Survey (USGS) 7.5-minute series map.
- v. A summary of critical issues analysis including key findings, studies completed and outstanding, and any other material considerations impacting the site suitability, potential schedule risk, or overall project viability.
- vi. A development status, including remaining permits and approvals and a milestone schedule summarizing estimated completion dates for key development, procurement, construction and interconnection milestone.
- vii. A summary of interconnection and transmission locations, available studies, agreements and plans for interconnection. Off-system bidders shall summarize the transmission provider, control area, point of delivery, completed studies, transmission availability and status of transmission service agreement.
- viii. A summary of the generating resource and/or storage technology type, including expected usable life, site suitability and decommissioning plans. BTA bids shall confirm conformance to the Technical Specifications in Exhibit A and include a list of exceptions, if any. Bids utilizing previously owned/operated equipment shall include a summary of hours of operation and major maintenance performed.

- ix. A summary of the resource performance analysis, prepared by an independent third-party engineering firm or established in-house service provider (subject to validation by PacifiCorp), including expected capacity factors, annual energy production, storage cycles, and annual degradation. Bidder shall also summarize expected and guaranteed annual energy production, estimated annual availability, any guaranteed minimum annual availability, any operating limits, and any limits on the number of hours the resource may be operated per year or unit of time.
- x. A procurement sourcing, supply chain, engineering and construction strategy, including summary of key equipment and manufacturers as well as any tax considerations.
- xi. Summary of construction and project financing strategy.
- xii. Summary of operations and maintenance plan and service, including any warranty terms and/or guarantees on major equipment.
- xiii. A summary of key responses to the equity questionnaire such as supplier, contractor and workforce diversity, community and environmental benefits and burdens of the projects. Washington-state located resources should summarize how they will increase energy benefits and/or reduce burdens to highly impacted communities and vulnerable populations.
- xiv. The **Appendix B-2** narrative shall reference, summarize and otherwise emphasize the detailed supporting documents provided in the required appendices:
 - i. **Appendix A-2 Interconnection Studies and Agreements,**
 - ii. **Appendix A-3 Permit Matrix,**
 - iii. **Appendix A-5 Project One-Line Drawing and Layout,**
 - iv. **Appendix A-9 Product Data-Equipment Supply Matrix,**
 - v. **Appendix C-2 - Bid Summary and Pricing Input Sheet,**
 - vi. **Appendix C-3 Energy Performance Report**
 - vii. **Appendix D Bidder's Credit Information**
 - viii. **Appendix L Non-Price Scoring Matrix**
 - ix. **Appendix P Equity Questionnaire**
 - x. **Appendix Q 2021 Demand Response RFP – Requirements for Demand-side Bids**

BTA bidders shall also reference, summarize and otherwise emphasize the detailed supporting documents provided in the required BTA-specific appendices:

- i. **Appendix A Technical Specifications**
- ii. **Appendix A-6 Division of Responsibility**
- iii. **Appendix A-7 Owners Standards and Specifications**
- iv. **Appendix A-8 Real Estate Specifications**
- v. **Appendix A-10 Plant Performance Guarantee/Warranty**
- vi. **Appendix K Operations and Maintenance Services**

Section 3 - Bidder's Qualifications – Information in this section should be consistent with information provided in **Appendix D – Bidder's Credit Information** in the Intent to Bid submittal. 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.
- Summary of comparable experience developing, financing, constructing and operating generating and/or storage resources.
- Description of developer projects and independent power supply ventures participated in the last three to five years.

- Professional references including 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.
- 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 – Bidder shall reference, summarize and otherwise emphasize the detailed supporting documents provided **Appendix D – Bidder's Credit Information** in the Intent to Bid submittal.

Section 5 - Pricing Proposal and Project Financing Strategy, including tax equity strategy – Describe in detail the pricing proposal, including the use of any index, escalation factors, or other costs to PacifiCorp. Bidders shall complete **Appendix C-2 – Bid Summary and Pricing Input Sheet**, summarize their offered pricing and describe underlying assumptions in the bid narrative. Bidders shall further describe their project financing strategy, including construction financing and whether bidder has or plans to use third-party tax equity strategy. The ~~tax equity strategy~~ bidder shall describe whether third-party tax equity commitments have already been established for the project, and bidder shall otherwise describe how bidder intends to conform and be eligible for production or investment tax credits and other available tax incentives for the project.

Section 6 – Interconnection & Transmission Service – Bidder shall include a detailed description of the location of its proposed interconnection facilities, distribution or transmission facilities, including proposed delivery points consistent with information provided in **Appendix A – Technical Specifications and Required Submittals**, **Appendix A-2 – Interconnection Studies and Agreements** and **Appendix A-5 - Project One-Line Drawing and Layout**. Bidders should be aware of any transmission requirements or specifications that could affect their equipment selection and costs and take those specifications into consideration in preparing their bid submittal. Bidders should review and understand the North America Electric Reliability Corporation (NERC) guidelines regarding technical requirements and modeling for renewables.³

Bids with projects directly interconnected to PacifiCorp's system. For proposed new resources, PacifiCorp requests that bidders request that their interconnection requests be studied for both Energy Resource Interconnection Service (ERIS) and Network Resource Interconnection Service (NRIS). Bidders shall summarize the cost for any direct assigned and network upgrades resulting from a completed interconnection study by PacifiCorp. Prospective bidders are responsible for having worked with PacifiCorp Transmission, as necessary, to ensure that all cluster study requirements included in the Open Access Transmission Tariff (OATT) were met by May 16, 2022 when, according to the current OATT as of the date of this issuance, the Cluster Request Window will have closed. Bidders shall confirm that their bids are consistent with completed interconnection studies and/or executed LGIAs provided as part of their **Appendix A-2 - Interconnection Studies and Agreements** bid submittal or otherwise demonstrate that the interconnection/transmission provider will not require a material modification.

Bids not directly interconnected to PacifiCorp's system. For proposed new resources, PacifiCorp requests that bidders request that their interconnection requests be studied for both ERIS and NRIS. Off-system bidders shall summarize the interconnection studies included in their **Appendix A-2 - Interconnection Studies and Agreements**, including the interconnection cost and milestones demonstrating their proposed commercial operation date. Finally, off-system bids shall demonstrate the availability of, and

³ NERC, Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources, September 2019

request for, long-term, firm point-to point transmission service from the resource's point of interconnection with the third party's system to the bidder's proposed point of delivery on PacifiCorp's system.

Section 7 – Environmental and Siting – PacifiCorp requests all bidders provide a critical issues analysis document. Bidder shall confirm in their **Appendix B-2** bid narrative that i) bidder will apply for required eagle take permit for the construction and operations of any wind projects, and as appropriate, for other energy sources (such as long-term or temporary disturbance [ie nest disturbance] or take from project development or operations), ii) bidder will identify and implement, voluntarily or as agreed upon with applicable agency, cut-in speed adjustment, curtailment strategy, and/or bat deterrent systems to address bat impacts at wind projects, and iii) bidder will utilize applicable wildlife siting guidance and meaningful coordination with state/federal wildlife agencies to avoid, minimize, and/or mitigate potential impacts to wildlife and their habitat. Bidder shall transfer any eagle take permit obtained to PacifiCorp should PacifiCorp become the owner of the project, and ii) bidder understands it is exclusively and entirely responsible for meeting and satisfying all federal, state and local laws, permits, licenses, approvals and/or variances required to assure physical delivery of energy in accordance with any PPA, Tolling Agreement, BTA or professional services agreement. Bidder shall reference, summarize and otherwise emphasize all applicable permits that bidder has secured or will be required to receive in order to construct and operate the facility consistent with the information submitted in **Appendix A-3 – Permit-Matrix**.

Bidder must provide any additional material information including scoping, feasibility and other associated studies conducted to assess environmental impacts and to obtain necessary permits. BTA bids must include all material studies related to wildlife (including eagles, all bats, sage-grouse, ungulates, and other protected species, such as those protected under the federal Endangered Species Act, federal Bald & Golden Eagle Protection Act, federal Migratory Bird Treaty Act and/or other applicable Federal and state laws), archeological, vegetation, hydrological, geotechnical, visual, noise, air quality, and other environmental impacts related to the project. The bid narrative shall note impacts to designated wilderness, national and state parks, and other scenic or protected areas. The bid narrative shall 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. Wildlife measures may include buffers from wildlife nesting/habitat (eagle/raptor nest buffers, prey base buffers, sage-grouse lek and habitat buffers, etc.), potential curtailment or cut-in speed strategies (bat cut-in speed adjustments, eagle curtailment, etc.), and/or other significant avoidance, minimization, and/or mitigation efforts. Finally, bidder should discuss plans to engage community and environmental stakeholders to support the proposed project.

To the extent applicable, bidder should include in the **Appendix B-2** bid narrative the following information with respect to any proposed facility site (see **Appendix A – Technical Specifications and Required Submittals** for additional detail applicable to specific resource type):

- i. List of all studies conducted; required environmental, construction and other regulatory permits and timelines.
- ii. Prevailing noise ordinance at the site and expected sound level (A-weighted) at the site boundary.
- iii. Proposed site plans, layouts, elevations or other aspects of the facility.
- iv. Types of transportation access required.
- v. A Phase I Environmental Site Assessment conducted or updated in the last three months.

- vi. 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.).
- vii. Proximity and extent of nearest wetlands and description of all types of all nearby wetlands and water bodies, including any proposed impacts.
- viii. Information on fish, avian species and other wildlife and vegetation inhabiting the area of the project, such as a Site Characterization Study (Tier I/II) and/or a Critical Issues Analysis report.
- ix. Proximity to nearest endangered or threatened or critical species habitat and information on all nearby endangered or threatened species or their nests and/or habitat which could potentially be impacted, including species protected under the federal Bald and Golden Eagle Protection Act and the federal Migratory Bird Treaty Act.
- x. All studies performed or planned for bats species and an assessment of cut-in speed adjustment, curtailment losses, and/or deterrent systems costs.
- xi. Proximity to nearest historical or archaeological resources and all nearby historical or archaeological resources which could potentially be impacted.
- xii. Location and distance to population centers which could be impacted.
- xiii. Expected site ambient temperature extremes and verification that freeze protection will be provided if necessary.

Section 8 – Contract Terms – In addition to the redlines of the contract pro formas and term sheets as provided in **Appendix E-2 PPA Documents, Appendix E-3 Tolling Agreements, Appendix F-2 BTA Term sheet, or Appendix S-2 Professional Services Contract**, Bidder must identify and specify in the bid narrative they key exceptions to the terms and conditions from their redline of the contract pro formas or term sheet, as applicable. Bidder should include the issue list as part of the bid narrative. The issue list should summarize the priority exceptions to the terms and conditions from the pro forma documents or term sheets and the reason or context for why bidder feels their exception is reasonable. Bidder’s narrative should suggest alternate language and context for each item on the issues list. Conformity to the pro forma documents is strongly encouraged so bidders should use the bid narrative to support any proposed redlines.

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. In addition to the bid narrative, BTA Bidder are required to supply a markup of the applicable form in **Appendix K - Operations and Maintenance Services** for the proposed resource or else provide a separate operating and maintenance service proposal with their bid submittal. Conformity to **Appendix K** terms is strongly encouraged. Bidders objecting to terms are encouraged to use the bid narrative to explain any proposed redlines and provide context for PacifiCorp to evaluate the proposed change to the pro forma document.

Section 10 – Equity Summary - Of particular value are those resources which provide benefits to highly impacted communities and vulnerable populations in Washington⁴ and projects that provide environmental and economic benefits to communities afflicted with poverty or high unemployment, or that suffer from high emission levels of toxic air contaminants, criteria air pollutants, and greenhouse gases in California⁵. PacifiCorp is committed to and understands the importance of promoting diversity among its suppliers, consultants and their subcontractors by increasing the amount of business conducted

⁴ <https://www.utc.wa.gov/ layouts/15/CasesPublicWebsite/CaseItem.aspx?item=document&id=00076&year=2019&docketNumber=190837&resultSource=&page=1&query=190837&refiners=&isModal=false&omItem=false&doItem=false>
⁵ PUC399.13(8) (A)

with qualified diverse business enterprises, including women-owned, minority-owned, disabled veteran-owned, and lesbian, gay, bisexual, and transgender (“LGBT”)- owned businesses.

All Bidders are requested to complete **Tab 1 and Tab 2 of Appendix P – Equity Questionnaire**. When considering resources to be allocated to Washington-located customers, Appendix P – Equity Questionnaire responses will be used in the final phase of the evaluation process to measure Washington customer benefit indicators as part of Washington’s CETA. As resource allocations are not yet known, PacifiCorp requests that all bidders are required to complete Tab 1 and Tab 2-2 of Appendix P- Equity Questionnaire to the best of their knowledge and ability.

California-located ~~bidders must~~ bidders must compete **Tab 3 of Appendix P- Equity Questionnaire**, which contain California-specific questions.

All bidders shall summarize the following in their bid narrative:

- Summary of proximity and population characteristics of the nearest community to where facility is proposed.
- Bidder to describe itself and its own project team, including bidder’s employee diversity statistics. Summary of supplier, contractor and workforce strategy related to diversity targets for suppliers, contractors or workforce during development, construction and/or ongoing operations. ***Bidders may submit one free bid alternative for a second/different diversity strategy at no additional bid fee.*** Bidder’s supplier and contractor diversity will be subject to an annual reporting requirement as part of the pro forma contractual agreement.
- Bidder to describe previous experience implementing projects in partnership with diverse communities and entities (such as subcontractors), including women-, minority-, disabled-, and veteran-owned organizations and businesses.
- Bidder to confirm whether it, its suppliers and contractors have a written diversity-equity-inclusion (DEI) commitment, policy, or plan, and whether bidder or project leadership have received DEI training.
- Bidder to outline expected local community impacts due to short-term and long-term job creation, workforce training or apprenticeship program, impacts to local tax base, and any other nonenergy community benefits derived from the new resource.
- Summary of any local impacts during construction and ongoing operations which may be expected related to water usage, traffic, diesel emissions, soil disturbance, emissions, dust, wastewater, hazardous waste, cultural sites, wetlands, endangered species, wildlife (eagles, avian/raptors, bats, ungulates, sage-grouse, etc.), replanting and pollinator re-seeding strategies.
- Bidder to provide detail on what it has done to inform the local community of the project and project plans, including information on whether the local community been receptive to the potential development, if any groups or individuals objected to the proposed development, ~~and~~**and, if** so, what specific concerns were expressed.
- Provide a summary of community engagement for the project site and interconnection facilities to the point of delivery on the transmission system, along with any specific proposed adjustment to the project based on these engagement activities. This summary ~~may~~**should** include meeting dates, attendees, meeting minutes, community support or opposition.
- Summarize and provide copies of any letters, memos, emails, news articles, or other communications demonstrating the level of support by the local community.

- Oregon-located resources must describe how they will comply with HB2021 Clean Energy Act requirements related to apprenticeship and labor standards.
- Washington-located resources must summarize the energy and non-energy benefits and burdens to vulnerable populations and highly impacted communities and provide self-scoring of PacifiCorp's customer benefit indicators⁶.
- California-located resources must summarize whether it is located in a community afflicted with poverty or high unemployment or that suffers from high emission levels and how the community will be impacted by the resource.

Finally, for bids located in Washington, PacifiCorp prefers projects that utilize a ~~Project Labor Agreement~~project labor agreement or ~~Community Workforce Agreement~~community workforce agreement for major construction activities associated with the construction of the project. Bidders shall make commercially reasonable efforts to ensure that such Project Labor Agreement or Community Workforce Agreements for Washington state projects are eligible to be certified by the Washington Department of Labor and Industries under the standards of the Washington State Clean Energy Transformation Act (RCW 19.405).

Bidders are requested to provide a narrative with respect to their staffing strategies and safety performance. Bidders to provide responses related to:

- Whether bidder intends to use temporary staffing agencies as subcontractors;
- Whether bidder or any proposed general contractors have been found in violation of serious safety requirements within the past three years on similar projects; and
- Whether bidder and associated contractors enroll their employees in any of the following: OSHA 10 training program, joint labor/management safety committees, joint labor/management apprenticeship programs, and other courses identified as essential to the safe and efficient installation of wind and solar power structures;;

⁶ Footnote to PacifiCorp's CEIP

APPENDIX C-1

Bid Summary and Pricing Input Sheet Instructions

General Bid Summary Instructions for PPAs with and without energy storage, Tolling Agreements and BTAs. All bidder must complete and submit and **Appendix C-2 - Bid Summary and Pricing Input Sheet** for each bid submitted. Appendix C-2 is an Excel-based worksheet that covers bid summary information, energy production profile, and pricing for bid types and categories. There are seven (7) tabs in the excel workbook:

Tab Name	Description	Technology				Structure			
		Renewable	Renewable plus storage	Stand-alone Storage	PSH	PPA with or without Toll	Tolling Agreement	Benchmark	BTA
1	Data Inputs	X	X	X	X	X	X	X	X
2	8760 First Year Generation Profile	X	X			X		X	X
3	PPA Pricing	X	X			X			
4	Battery Pricing & Ops		X	X	X	X	X	Ops	X
5	PSH Pricing & Ops				X		X	Ops	X
6	BTA Pricing Schedule	X	X	X	X			X	X
7	Additional Data	X	X	X	X	X	X	X	X

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Power Purchase Agreement

- Bidder’s submitting PPA bids shall provide the information requested in **tabs 1, 2 and 3** in the **Appendix C-2** spreadsheet.
 - Bidder’s offering collocated energy storage systems with a PPA should also provide the information requested in **tab 4** of the **Appendix C-2** spreadsheet.
- Tab 7** can be used for any additional information to support bid.

Battery Energy Storage Systems

- Energy storage systems offering a Tolling Agreement for their standalone storage resources shall provide the information requested in **tabs 1 and 4** in the **Appendix C-2**.
- Tab 7** can be used for any additional information to support bid.

Pumped Storage Agreement

- PSH bids shall provide the information requested in **tabs 1 and 5** in the **Appendix C-2**.
- Tab 7** can be used for any additional information to support bid.

Benchmarks and Build-Transfer Agreement

- For renewable BTA, bidders shall complete **tabs 1, 2 and 6** in the **Appendix C-2**.
- For collocated storage, standalone storage or PSH BTA bids, bidders shall complete **tabs 4 or 5, as appropriate** in the **Appendix C-2**.
- Tab 7** can be used for any additional information to support bid.

4. Operating Expenses: Please provide complete information on the following, including any assumptions made on a forward basis (e.g., escalation rates):
- 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.
 - a. Expected Rate %
 - b. Rate Escalation %
 - c. Initial Cost Assessed Value \$000
 - d. Replacement Cost Escalation %
 - e. Depreciation Method
 - Any property in lieu of taxes (PILOT) or other grants.

Additional Information

Bidder should provide any other information considered to be germane to PacifiCorp’s analysis of bidder’s submittal in **Tab 7**.

Separate instructions will be provided for any bidder who submits a notice of intent for a technology (non-renewable, for example) or structure not covered by the current Appendix C-2.

APPENDIX C-2

Bid Summary and Pricing Input Sheet

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

APPENDIX C-3

Energy Performance Report

PacifiCorp was awarded Wyoming's 2021 Industry Wildlife Stewardship Award for its efforts to understand and minimize impacts to wildlife. In an effort to continuously advance this stewardship, PacifiCorp requests that all bidders ~~include~~ an appropriate deduction to its resource production estimates provided in Appendix C-2 to account for potential voluntary outages, cut-in speed adjustments and/or curtailment due to impacts to avian, wildlife and fish species, including impacts to eagles and bats. Such project curtailments would be non-compensable in any contract awarded in this RFP.

PacifiCorp prefers that all energy performance reports be prepared by an independent third party. However, should a bidder have a resident (in-house) renewable resource evaluation team, acceptance of bidder's in-house performance report will be subject to PacifiCorp being able to replicate the results via an independent third-party expert contracted by PacifiCorp. The energy performance report should be consistent with and support performance estimates provided in the **Appendix B-2 Bid Proposal Instructions and Required Information** bid narrative and also the **Appendix C-2 Bid Summary and Pricing Input Sheet**. 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. 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.

The energy performance report should detail how it was prepared, answer the specific questions listed below for each resource type, and provide the minimum data requirements:

- **BTA bid data requirements:** Wind resource 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. PacifiCorp will accept two years of solar irradiance satellite data provided from Solargis or SolarAnywhere in lieu of on-site solar panel met data for all solar PPA and BTA bids. However, should a solar BTA bidder be selected to the final shortlist, to remain on the final shortlist, bidder must commit to install at least one solar monitoring station on the proposed solar site ~~by June 30, 2023~~ **within 45 days of being selected to the final shortlist** with the ability to capture solar irradiance data for at least four months prior to executing agreements following a final shortlist acknowledgement. If a solar BTA bidder is selected to the final shortlist, bidder will commit to maintaining at least one on-site solar monitoring station through the entire construction period and provide the solar monitoring station and all collected solar irradiance data to PacifiCorp at BTA closing.
- **PPA bid data requirements:** Wind resource bids must include a minimum of one year of on-site meteorological tower data converted to an estimated MWh production on an hourly time scale. PacifiCorp will accept one year of solar irradiance satellite data provided from Solargis or SolarAnywhere in lieu of on-site solar panel met data for all solar PPA bids.

Wind Resource Bids – Specific Questions

1. In addition to the BTA and PPA data requirements listed above, wind bids should answer the following questions related to their site data:
 - a. How was the wind data collected, certified and correlated to the reference points?
 - b. Who provided the wind data analysis service?
 - c. What is reference height, or heights, of the meteorological data?

- d. How was the wind data adjusted for the turbine hub height?
 - e. What is the estimated wind shear and how was the wind shear calculated?
 - f. What is the accuracy of the wind and energy forecast?
 - g. What is the basis year of the underlying data? Are the references years high, low, or average years?
 - h. How was generation output calculated from the meteorological data?
 - i. Identify the specific de-ratings included in the energy forecast (wind array losses, line losses, blade degradation, site elevation, etc.)?
2. Energy Production Estimate
- a. Predicted hub height mean wind speed and gross and net energy production for the full project.
 - b. Predicted long-term site air density.
 - c. Turbine power curve employed and description of any adjustments made to the power curve.
 - d. Description of methodology employed to calculate energy losses due to array effects
 - e. Clear breakdown of applied energy loss factors.
 - f. Monthly and diurnal pattern of predicted energy production with an explanation of the variation.
 - g. Analysis of the uncertainty associated with the predictions provided in the assessment.
3. Bidders may be asked to provide the following:
- a. Site Wind Data
 - i. Raw hourly or ten-minute wind speed and direction data.
 - ii. Description of equipment used to record data.
 - iii. Calibration certificates for equipment.
 - iv. Conversion factors (e.g. m/s per Hz) applied in recording wind speeds.
 - v. Maintenance records for the monitoring equipment.
 - vi. Location, height and orientation relative to mast of all sensors.
 - b. Reference Wind Data
 - i. Hourly or ten-minute wind speed and direction data.
 - ii. Description of equipment used to record data.
 - iii. Calibration certificates for equipment.
 - iv. Maintenance records for the monitoring work.
 - v. Location, height and orientation relative to mast of all sensors.
 - c. Wind Project Information
 - i. Layout of wind project turbine array using latitude and longitude coordinates.
 - ii. Detailed topographic maps of project area with all mast and turbine locations.
 - d. Verification and Analysis
 - i. Details of instrument configurations and measurement periods for each site mast and reference station.
 - ii. Summary of mast maintenance records and explanations for significant periods of missing data.
 - iii. Data recovery rates and measured monthly means for masts employed in the assessment.
 - e. Prediction of Wind Regime
 - i. Description of methodology employed to adjust measured wind speeds on site to the long-term.
 - ii. Correlation plots and coefficients for relevant correlations in the assessments.

- iii. Predicted long-term mean wind speeds at measurement heights and hub height at all masts employed in the assessment.
- iv. Annual wind speed and direction frequency distribution for long-term site masts.
- v. Plot of annual wind rose for long-term site masts.
- vi. Description of methodology employed to extrapolate mean wind speeds at measurement heights to hub height.
- f. Prediction of Wind Speed Variations
 - i. Description of methodology employed to predict wind speed variations across the site.
 - ii. Details of wind flow modeling employed and any inputs to the model (where applicable).

Solar

In addition to the BTA and PPA data requirements listed above, solar bids should answer the following questions related to their site data:

1. How was the resource data collected, certified and correlated to the reference points?
2. Who provided the data analysis service?
3. What is the accuracy of the raw data for the resource and energy forecast?
4. Was a typical weather year (highly preferred), an average year, or a specific weather year (i.e. 2016) used as the basis of the energy analysis for the project? If a specific weather year or an average of weather years was used, are the reference years high, low, or average years?
5. How the generation output was calculated from the meteorological and solar insolation data.
6. Identify the specific de-ratings included in the energy forecast (i.e., soiling, mismatch, wiring, inverter, transformation losses, etc.)?

Storage

PacifiCorp is battery chemistry and technology agnostic. Because there are no revenue grade, ANSI-approved DC meters, PacifiCorp requires AC-coupled systems, with centralized storage designs, when storage is collocated with a generating facility, because of the risk to the resource of not meeting its 2026 online date with a DC connected system. As part of the **Appendix C-3 Energy Performance Report** response, BESS bids must identify the collocated renewable energy resource, if applicable, and provide a detailed description of any shared facilities and/or equipment with the associated renewable resource. BTA bids must conform to both the *generating resource specifications* and the *BESS specifications* in **Appendix A - Technical Specifications and Required Submittals**.

Appendix C-3 Energy Performance Report should be consistent with responses in **Appendix B-2 Bid Proposal Instructions and Required Information** and **Appendix C-2 – Bid Summary and Pricing Input Sheet** and other bid documents such as **Appendix A-2 Interconnection Studies and Agreements**.

All bids including a storage resource must provide a description of the plant communications and control plan. The plan shall include a description and diagrams (as applicable) that demonstrate how bidder will provide BESS systems data, including state of charge, power charge/discharge status, and asset health indicators (temperature, HVAC alerts, emergency status, etc.) as well as BESS system control, including limitation of charging only from renewable energy production, if applicable, charge/discharge scheduling, and station service load.

BESS bidders will also be required to provide an emergency response plan and a remediation plan in the event of battery accidents.

Appendix C-3 Energy Performance Report for storage bids should answer the following questions:

- Manufacture, model, and chemistry of battery

- Manufacture and model of control system for battery
- Manufacture and model of energy management system
- Manufacture and model of inverters
- Confirmation that collocated BESS proposal is AC-coupled system
- Discharge capacity at point of delivery (MW)
- Storage capacity at point of delivery (MWh)
- Cycling capability and limitations (must be consistent with Appendix C-2 Bid Summary and Pricing Input Sheet Instructions submittal)
- Depth of charge capabilities and limitations
- Round trip efficiency (%) (must be consistent with Appendix C-2 submittal)
- Annual degradation by contract year (%) (must be consistent with Appendix C-2 submittal)
- Expected capacity augmentation by contract year (%) (PPA-bids⁷ as applicable (must be consistent with Appendix C-2 submittal))
- Guaranteed storage annual availability (%)
- Bidder to describe their ability to provide PacifiCorp with an option to grid charge along with description of what is required to upgrade system for battery charging from grid.

Pumped Storage Hydro (PSH) Systems.

PSH bids shall include a third-party independent engineer report describing 1) proposed technology; 2) hydro resource; 3) operational limitations; 4) expected availability and depreciable life; 5) operational budget including capital, personnel and consumable expenses.⁸

Geothermal

Geothermal bids should address the following:

1. Minimum of one production well and one injection well flow results to support the viability and capacity of geothermal resource. For results in excess of three (3) years, summarize the results for all years and provide the detail for the past three (3) years of production well flow tests.
2. Summary of all collected geothermal data for the proposed generating facility site.
3. Characterization the geothermal resource quality, quantity and projected production levels.
4. Graph or table that illustrates the annual and monthly projection of geothermal resources.
5. Description of any other existing geothermal facilities in the resource area and characterize their production and their anticipated impact, if any, on the generating facility.

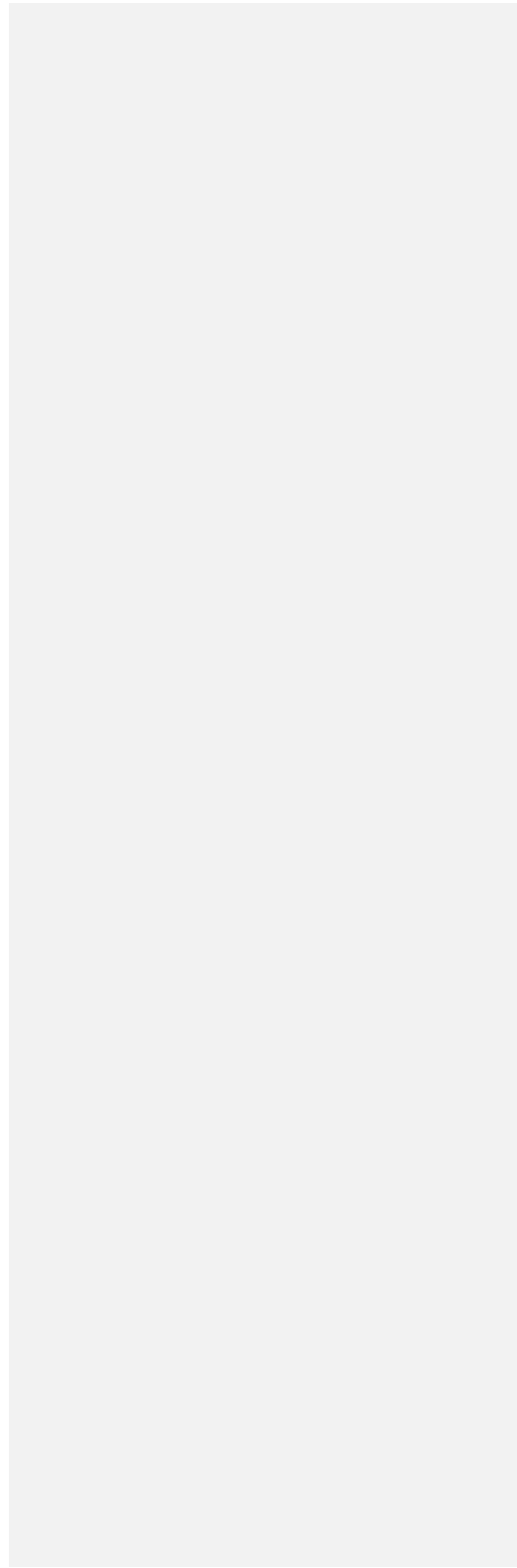
Biomass and Biogas

Biomass and biogas bids should address the following:

1. Fuel makeup and its source.
2. Third-party resource assessment reports of available fuel for the generating facility and its proximity to the generating facility. Such resource assessments should include a discussion of long-term fuel price risk and availability risk issues.
3. Identify competing resource end-uses.
4. Provide a plan for obtaining the fuel, including a transportation plan.
5. Identify any contracts or option agreements to acquire and transport the fuel.
6. Provide an agreement or option agreement with a fuel source for a period of ten (10) years or greater.

⁷ ~~BTA bids shall design to allow for augmentation but bid prices do not assume augmentation.~~

⁸ To be updated prior to RFP issuance.



APPENDIX D

Bidder's Credit Information

Please provide the following information with Appendix B-1 – Notice of Intent to Bid form 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.
 - 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.
 - c. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years. Including the Auditor's Notes.
 - d. Identify pending legal disputes (describe).
 - e. Please state whether bidder is or has within the past five (5) years been the debtor in any bankruptcy proceeding.
 - 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.
 - i. Is bidder unable to provide audited financial statements?
 - ii. 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.
 - 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.
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 to Company from the entity(ies) providing the credit assurances on behalf of the bidder executed by an authorized signatory and indicating their 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.
 - c. Debt Ratings from S&P and/or Moody's (please provide senior unsecured long term debt rating (or corporate credit rating if a senior unsecured long term debt rating is unavailable). Please indicate type of rating, rating, and source:

- d. Please attach copies of audited financial statements (including balance sheet, income statement, and cash flow statement) for the three most recent fiscal years. Including the Auditor's Notes.
- e. Describe any pending legal disputes.
- 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.

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, 2026. PacifiCorp will require a letter from the entity providing financial assurances at the bid submittal stating that it will provide financial assurances on behalf of the bidder.

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 Final 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 **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 **Appendix D**.

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.

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 credit 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.

Power Purchase Agreement and Tolling Agreement

For PPAs, BSAs and PSH agreements, 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, 2026 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**,⁹ 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. Bidders under these types of structures should understand the cost of credit and bid accordingly.

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, 2026. 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**,¹⁰ based upon nameplate project size. The credit assurance requirement will be terminated upon the project achieving commercial operation date with proven tax credit eligibility of the appropriate resource technology.

For PPAs, BSAs, 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 2026) 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, 2026.

Posting of Credit Security

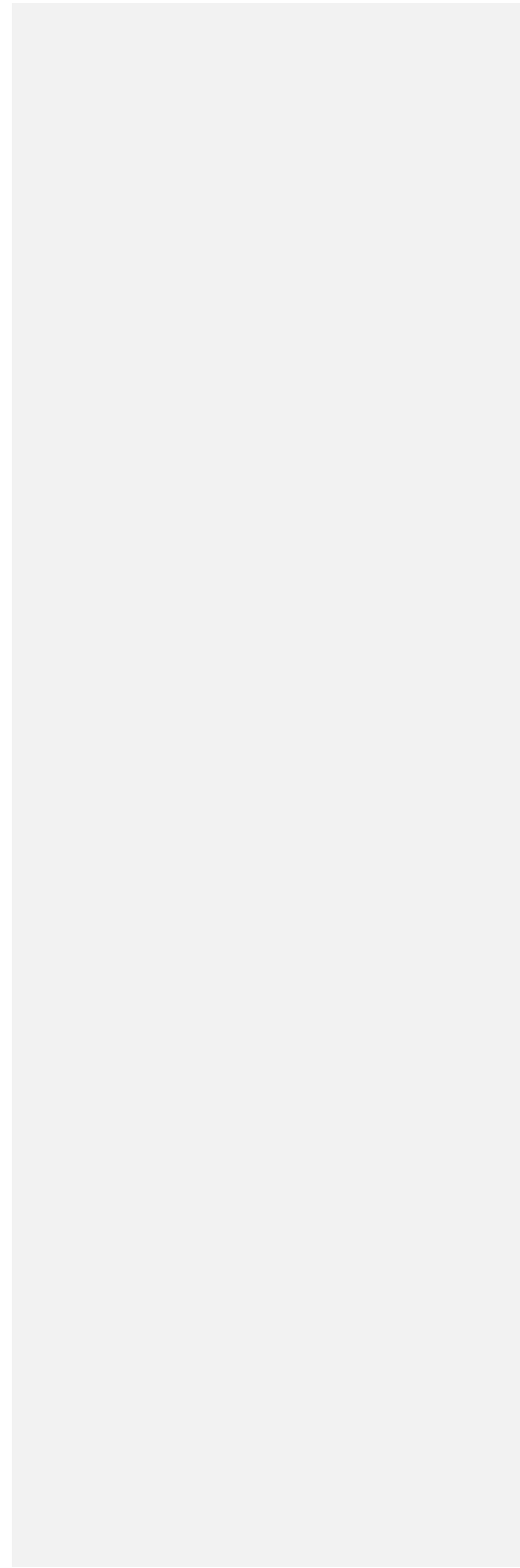
Terms and conditions for the posting of security are set forth in the applicable pro forma documents or term sheet which as noted above can be negotiated relative to milestones and amounts. If applicable, the bidder will be required to demonstrate the ability to post any required credit assurances in 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**.

⁹ [Security in Appendix D and Appendix E-2, E-3 and F-2 pro forma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.](#)

¹⁰ [Security in Appendix D and Appendix E-2, E-3 and F-2 pro forma agreements to be updated to reflect potential for higher security requirement for resources proposed with 2027 and 2028 online dates.](#)

PacifiCorp Security

Please note that PacifiCorp will not post security to support its obligations under any definitive agreement. Bidders who will require such security from PacifiCorp should not submit a proposal under this RFP.



FORM OF GUARANTY COMMITMENT LETTER

(Must be on letterhead of bidder's guarantor)

PacifiCorp
825 NE Multnomah Street, Suite 600
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 2022AS 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 600
Portland, OR 97232
Attn: Credit Department

To Whom It May Concern:

In connection with Bidder's submittal in PacifiCorp's 2022AS 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)

APPENDIX E-1

PPA and Tolling Agreement Instructions to Bidders

PPA and Tolling Agreement Bid Checklist

Each bidder must provide complete information as requested and described in **Appendix B-2 Bid Proposal Instructions and Required Information**. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required for PPA and Tolling Agreement bid submittals.

Bidders shall summarize the key issues list as part of their **Appendix B-2 Bid Proposal Instructions and Required Information** narrative and also provide a redline to the pro forma documents included in **Appendix E-2 PPA Documents** and **Appendix E-3 Tolling Agreement Documents**.

A	B	C
	2022AS RFP Bid Applicability	Bid must include completed Appendix
Appendix A	Resource Technical Specification	
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	X
<i>Appendix A-6</i>	<i>Division of Responsibility</i>	
<i>Appendix A-7</i>	<i>Owner Standards and Specification</i>	
<i>Appendix A-8</i>	<i>Real Estate Specifications</i>	
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix</i>	X
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	
Appendix B-1 and B-1.1	Intent to Bid Form as submitted	X
Appendix B-2	Information Required in Bid Proposal	X
Appendix C-1	Bid Summary and Pricing Input Sheet instructions	
Appendix C-2	Bid Summary and Pricing Input Sheet	X
Appendix C-3	Energy Performance Report	X
Appendix E-1	PPA and Tolling Agreement Instructions to Bidders	
Appendix E-2.1 or E2.2	Redline to PPA and exhibits, as applicable	X
Appendix E-3	Redline to Tolling Agreement, as applicable	X
Appendix F-1	BTA Instructions to bidders	
Appendix F-2	Redline to BTA Term Sheet	
Appendix G-1	Confidentiality Agreement	X
Appendix J	PacifiCorp Transmission Waiver	X
Appendix K	Operations and Maintenance Services	
Appendix L	Non-Price Scoring Matrix	X
Appendix P	Equity Questionnaire	X
<u>Appendix S-1</u>	<u>Berkshire Hathaway Energy – Cyber Security Attestation</u>	<u>X</u>

Appendix E-2

PPA Documents¹¹ Including PPA Appendices

[INCLUDED AS A SEPARATE ATTACHMENT]

Appendix E-2 contains two forms of PPAs:

1. Appendix E-2.1: PPA for renewable or non-renewable (no energy storage): Renewable pertains to wind, solar and other renewables. PPA is footnoted to identify terms and conditions that would be removed to accommodate a non-renewable PPA.
2. Appendix E-2.2: PPA for collocated renewable energy generating resource with energy storage system.

¹¹ The following updates will be made to the pro forma PPAs: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) the curtailment language will be adjusted to further clarify that curtailments as a result of PacifiCorp's market scheduling and economic dispatch will be compensable; 3) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 4) updated cyber security requirements; 5) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 6) other conforming changes consistent with the 2020AS RFP negotiations.

Appendix E-3

Tolling Agreement Documents¹²

[INCLUDED AS A SEPARATE ATTACHMENT]

For the purpose of standalone storage, pumped storage hydro and other resources proposing a tolling agreement as a bid response to this RFP, PacifiCorp has included a pro forma Tolling Agreement containing the major terms and conditions expected under a tolling arrangement.

PacifiCorp is accepting PSH bids in its 2022AS RFP due to the long-lead time for development and construction of PSH projects. While a PSH is considered a long-lead time bid with an on-line date beyond December 31, 2026, PacifiCorp suggests that a reasonable on-line date for PSH is five years from execution of a contract with the PSH which puts the expected on-line date by December 31, 2028. PSH bids may also propose a term length longer than 30 years consistent with their operating license. PSH opportunities are emerging within the footprint of PacifiCorp's system and may offer unique capacity and operating flexibility.

¹² The following updates will be made to the pro forma tolling agreements: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements; 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

APPENDIX F-1

BTA Instructions to Bidders

BTA – and Benchmark – Bid Checklist

Each BTA bidder must provide complete information as requested and described in **Appendix B-2 - Bid Proposal Instructions and Required Information**. Applicable appendices, forms and attachments are outlined in the Bid Checklist table below that are required in the BTA bid submittal. Benchmark bidders must submit the same requirements as BTA bidders with the exception that Benchmark bids are exempt from submitting Appendix A-6, Appendix A-10, Appendix D, Appendix F-2, Appendix G-1, Appendix J, Appendix K, and Appendix S-1.

Bidders shall summarize the key issues list as part of their **Appendix B-2 - Bid Proposal Instructions and Required Information** narrative and also provide a redline to the pro forma documents included in **Appendix F-2 - BTA Documents**.

A	B	C
	2022AS RFP Bid Applicability	Bid must include completed Appendix
Appendix A	Resource Technical Specification	
<i>Appendix A-2</i>	<i>Interconnection Studies and Agreements</i>	X
<i>Appendix A-3</i>	<i>Permit-Matrix</i>	X
<i>Appendix A-5</i>	<i>Project One-Line Drawing and Layout</i>	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>Real Estate Specifications</i>	X
<i>Appendix A-9</i>	<i>Product Data- Equipment Supply Matrix</i>	X
<i>Appendix A-10</i>	<i>Plant Performance Guarantee/Warranties</i>	X
Appendix B-1 and B-1.1	Intent to Bid Form as submitted	X
Appendix B-2	Information Required in Bid Proposal (<u>Bid Narrative</u>)	X
Appendix C-1	Bid Summary and Pricing Input Sheet instructions	
Appendix C-2	Bid Summary and Pricing Input Sheet	X
Appendix C-3	Energy Performance Report	X
Appendix E-1	PPA Instructions to Bidders	
Appendix E-2.1 or E-2.2	Redline to PPA and exhibits	
Appendix E-3	Redline to Tolling Agreement and exhibits	
Appendix F-1	BTA Instructions to bidders	
Appendix F-2	Redline to BTA Term Sheet	X
Appendix G-1	Confidentiality Agreement	X
Appendix J	PacifiCorp Transmission Waiver	X
Appendix K	Operations and Maintenance Services	X
Appendix L	Non-Price Scoring Matrix	X
Appendix P	Equity Questionnaire	X
<u>Appendix S-1</u>	<u>Berkshire Hathaway Energy Cyber Security Attestation</u>	<u>X</u>

APPENDIX F-2

BTA Documents

[INCLUDED AS A SEPARATE ATTACHMENT]

For the 2022AS RFP, Appendix F-2 includes a term sheet¹³ containing the major terms and conditions expected under a negotiated BTA.

¹³ The BTAs term sheet will be updated to reflect: 1) development security for resources bid with 2027 and 2028 commercial online dates will be increased; 2) Seller shall provide quarterly reports detailing the number of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions; 3) updated cyber security requirements; 4) Consistent with Minimum Criteria #35, the proforma contracts will be updated to reflect Oregon's HB2021 requirement for Seller to provide labor attestation or PLA; and 5) other conforming changes consistent with the 2020AS RFP negotiations.

APPENDIX G-1

Confidentiality Agreement

MUTUAL CONFIDENTIALITY AGREEMENT

This MUTUAL CONFIDENTIALITY AGREEMENT (this "Agreement") is entered into as of the __ day of _____, 2022 (the "Effective Date"), by and between PacifiCorp, an Oregon corporation ("PacifiCorp"), and _____ ("Counterparty").

WHEREAS, Counterparty is submitting a bid in response to PacifiCorp's 2020AS 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.

APPENDIX G-2
Non-Reliance Letter

825 N.E. Multnomah
Portland, Oregon 97232
(503) 813-5000

Date

[Name]
[Address]

Re: PacifiCorp's 2022AS 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.

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: _____

Date: _____

ACCEPTED AND AGREED:

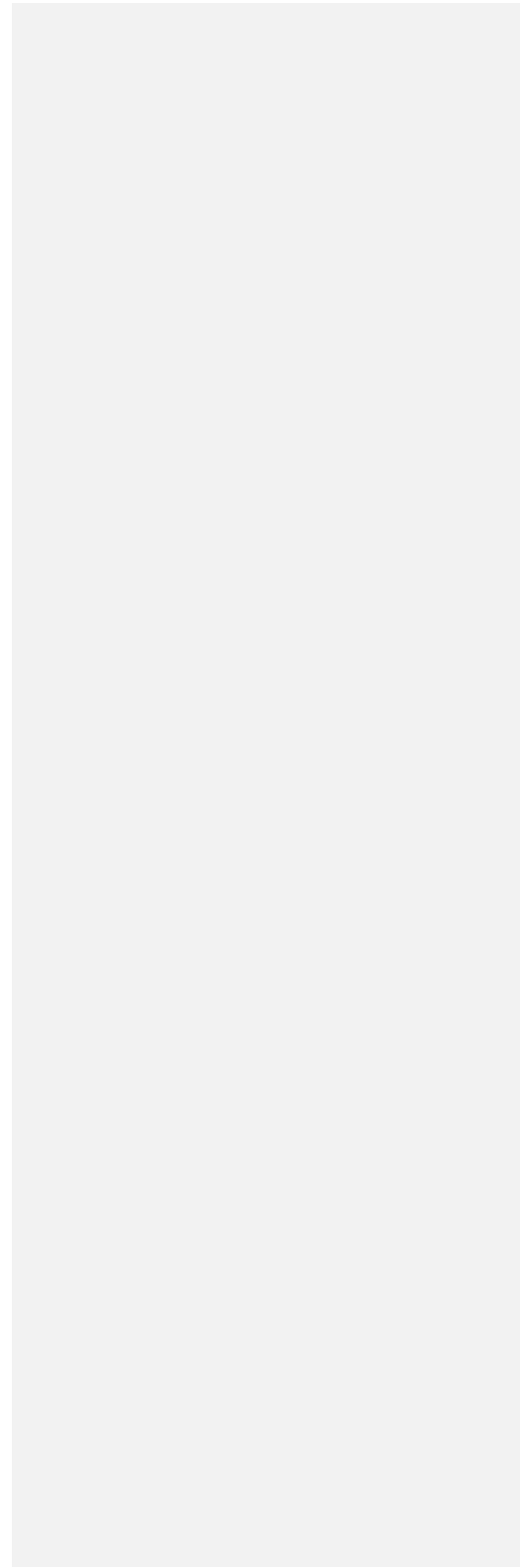
[Insert Name of Party]

By: _____

Name: _____

Title: _____

Date: _____



APPENDIX H-1

2021 PacifiCorp IRP Preferred Portfolio Transmission Upgrade Selections

P02-MM-CETA: 2015-2028

Year	Resource(s)	From	To	Description
2025	1,641 MW RFP Wind (2025)	Aeolus WY	Clover	Enables 1,930 MW of interconnection with 1700 MW of TTC; Energy Gateway South
2026	615 MW Wind (2026)	Within Willamette Valley OR Transmission Area		Enables 615 MW of interconnection; Albany OR area reinforcement
2026	130 MW Wind (2026)	Portland North Coast	Willamette Valley	Enables 2080 MW of interconnection with 1950 MW TTC; Portland Coast area reinforcement, Willamette Valley and Southern Oregon
	450 MW Wind (2032)		Southern Oregon	
	650 MW Battery (2037)			
2026	600 MW Solar+Storage (2026)	Borah-Populous	Hemingway	Enables 600 MW of interconnection with 600 MW of TTC; B2H Boardman-Hemingway
2028	41 MW Solar+Storage (2028) 377 MW Solar+Storage (2030)	Within Southern OR Transmission Area		Enables 460 MW of interconnection; Medford area reinforcement

APPENDIX H-2

2021 PacifiCorp IRP Preferred Portfolio Proxy Resource Selections

Project Name	Bidder/Owner	Type	Location	Resource Size (MW)	Battery Size (MW)	Expected Online
Portland/N. Coast	TBD	Wind	NW Oregon	130	n/a	2025
Willamette	TBD	Wind	NW Oregon	615	n/a	2025
Borah Hemingway	TBD	Solar with Battery	Idaho	600	600	2025

APPENDIX H-3

Transmission Summary of OASIS Queue Positions

[INCLUDED AS A SEPARATE ELECTRONIC SPREASHEET (EXCEL FILE)]

Appendix H-3 is an excel spreadsheet which includes four tabs showing each of the following OASIS reports at the time of RFP issuance¹⁴ and are subject to change:

1. Active Serial Queue Positions
2. Executed Interconnection Agreements – Not in Service
3. Transition Cluster Study
4. First Annual Cluster Study (Cluster Study 1)

¹⁴ The figures provided in the application will be updated prior to RFP issuance.

APPENDIX I

Standards of Conduct; Separation of Functions

As a vertically-integrated utility with both transmission provider and merchant functions, 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 employees in the following business groups as Marketing Function employees 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 employees will not be involved in a Bidder's transmission or interconnection requests with PacifiCorp's Transmission Function, nor will such Marketing Function employees be permitted access to non-public transmission function information. All PacifiCorp employees 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.

APPENDIX J

PacifiCorp Transmission Waiver

SELLER AUTHORIZATION TO RELEASE GENERATION DATA TO PACIFICORP

[Interconnection Customer Letterhead]

Transmission Services
Attn: Director, Transmission Services
825 NE Multnomah, Suite 1600
Portland, OR 97232

RE: _____ Interconnection Request: Interconnection Position # _____

Dear Director:

_____ hereby voluntarily authorizes PacifiCorp's Transmission business unit to share _____'s generator interconnection information and generator meter data with marketing function employees of PacifiCorp, including, but not limited to those in the energy supply management group. _____ acknowledges that PacifiCorp did not provide it any preferences, either operational or rate-related, in exchange for this voluntary consent.

Name

Title

Date

APPENDIX K

Operations and Maintenance Services

[PROVIDED AS SEPARATE ATTACHMENTS]

BTA bids only. Not required for PPA bids.

Bidder shall complete one or more of the following services and maintenance agreement term sheets as applicable for the type of resource bid:

- Appendix K-1 Wind_SMA_Term_Sheet**
- Appendix K-2 BOP_OM_Term_Sheet**
- Appendix K-2 Solar_OM_Term_Sheet**
- Appendix K-3 Solar_Storage_OM_Term_Sheet**

APPENDIX L¹⁵
Non-Price Scoring Matrix

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

All bidders are required to complete and self-score **Appendix L – Non-Price Scoring Matrix**. PacifiCorp will complete due diligence, audit and evaluate bidder’s responses.

¹⁵ Additional questions have been added and limited changes have been made to Appendix L based on stakeholder feedback., [Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022 and evolving concerns about cyber security](#). See “Change Tracking Sheet” included in excel workbook.

APPENDIX M

Role 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 rules for Oregon, the Significant Energy Procurement rules for Utah and the Procurement of Energy rules for Washington.¹⁶
2. The Independent Evaluator will facilitate and monitor communications between PacifiCorp and bidders.
- ~~3. Because the PLEXOS portfolio optimization tool is a proprietary model, PacifiCorp is not able to provide the IE with full access; however, PacifiCorp will provide the IE with the Bid Preparation excel file prior to input into PLEXOS, and all other inputs and assumptions in order for the IE to analyze, and validate all important modeling assumptions and inputs utilized by PacifiCorp to perform its portfolio selection, price scoring and ranking of market and benchmark bids. PacifiCorp will similarly provide the IE with any additional assumptions and inputs used in the sensitivity analyses.~~
- 4.3. Receive **benchmark and** market bid responses.
- 5.4. Provide input to PacifiCorp on:
 - a. 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 market bids;
 - b. 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;
 - c. whether a bidder has met the criteria specified in any bidding process and whether to reject or accept non-conforming bid responses;
 - d. whether and when data and information should be distributed to bidders when it is necessary to facilitate a fair and reasonable competitive bidding process or has been reasonably requested by bidders;
 - e. whether to reject non-conforming bids for any reason or accept conforming changes; and
 - f. whether to return bid fees.
- 6.5. Ensure that all bids are treated in a fair and non-discriminatory manner.
- 7.6. Monitor, observe, validate and offer feedback to PacifiCorp and the Washington, Utah and Oregon Commissions on all aspects of the solicitation and solicitation process, including:
 - a. content of the solicitation;
 - b. evaluation and ranking of bid responses;
 - c. creation of a short list(s) of bidders for more detailed analysis and negotiation;
 - d. post-bid discussions and negotiations with, and evaluations of, shortlisted bidders; and
 - e. negotiation of proposed contracts with successful bidders.
- 8.7. Once the competing bids have been evaluated by PacifiCorp and the IEs, PacifiCorp and the IE will

¹⁶ Public Utility Commission of Oregon Docket AR 600, In the Matter of Rulemaking Regarding Allowances for Diverse Ownership of Renewable Energy Resources, Order 18-324, August 30, 2018 and Utah Admin. Code R746-420.

compare results.

- ~~9.8.~~ Offer feedback to PacifiCorp on possible adjustments to the scope or nature of the solicitation or requested resources in light of bid responses received.
- ~~10.9.~~ Solicit additional information on bids necessary for screening and evaluation purposes.
- ~~11.10.~~ 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.
- ~~12.11.~~ 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.
- ~~13.12.~~ Participate in and testify at Commission hearings on approval of the Solicitation and Solicitation Process and/or acknowledgement of the final shortlist.
- ~~14.13.~~ Coordinate as appropriate and as directed by the Commissions with staff or evaluators designated by regulatory authorities from other states served by PacifiCorp.
- ~~15.14.~~ The IEs shall always be included in communications involving PacifiCorp and the bidders as described in Appendix N - PacifiCorp's Organization for RFP Process.
- ~~16.15.~~ The IEs shall prepare reports as defined under Washington, Oregon and Utah rules and provide them to the Commissions and PacifiCorp. The final reports shall be provided 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.

APPENDIX N

PacifiCorp's Organization 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. PacifiCorp has identified employees who will be responsible for the evaluation of the bids and employees who will be responsible for the development of any company benchmark resources. These employees and teams are also defined and described in Section 3.E of the 2022AS RFP. The evaluation and benchmark team will have separate responsibilities ~~and, will~~ be required to attend a code of conduct training prior to RFP issuance, and will be required to sign code of conduct acknowledgement forms and adhere to the self-imposed code of conduct to ensure a fair and unbiased RFP evaluation and selection process.

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.

No members of the evaluation team will have contact or 2022AS RFP-related communication with any market or benchmark bidder regarding their bid unless the IEs are included. If any bidder attempts to contact a member of the evaluation team, the evaluation team will only respond if the IEs are included.

EVALUATION TEAM

Market and benchmark bid evaluations will be led and coordinated by the originators and power marketers of the Valuation and Commercial Business Group. The evaluation team will gather and coordinate inputs from employees in several PacifiCorp departments, including shared resources. Several work groups, including the portfolio optimization modeling team (IRP team), the credit, engineering, compliance, permitting and safety, and structure and pricing teams, will be treated as a shared resource to perform work for the evaluation team. The shared work group members will not share any information they obtain from the Evaluation Team with the Benchmark Team.

The roles and responsibilities of the members of the evaluation team are set forth below.

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 2022AS RFP-related contact or communication with any bidder unless the IE is included.

1. Evaluation Team – Origination, Power Marketing and Commercial Business

Roles: Members of the evaluation team will be responsible for overall coordination of the 2022AS RFP process, including bid process management for all proposals. Origination will have responsibility to coordinate with the IEs and employees in shared work groups responsible for evaluating certain bid criteria such as credit, engineering inputs, etc. Bidders will self-score their bids using the non-price scorecard, and evaluation team members will perform a validation and confirmation of the non-price score. The evaluation team will coordinate with members of the structuring and pricing and resource planning team to prepare bid inputs for PlexosPLEXOS and complete portfolio optimization modeling and price scoring. The evaluation team will work with members of the structure and pricing and resource planning teams to rank bids and recommend a final shortlist.

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 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the IE is included.

2. Structuring and Pricing

Roles: Members of PacifiCorp's structuring and pricing group will be responsible for validating the bid and benchmark inputs, preparing bid inputs for the portfolio optimization models and combining the price and non-price score to support the final shortlist determination.

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 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the evaluation team and the IEs are included.

3. Resource Planning

Roles: Members of PacifiCorp's IRP team will be responsible for the portfolio optimization and production cost modeling required to develop price scoring, portfolio optimization recommendations and the final shortlist.

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 resource planning team will have 2022AS RFP-related contact or communication with any market or benchmark bidder related to their proposal unless the evaluation team and the IEs are included.

4. Legal

Roles: Legal will be responsible for providing legal support to the various company functions, including supporting the Evaluation Team in reviewing contract redlines from bidders.

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

5. Regulatory

Roles: Regulatory will be responsible for providing regulatory guidance and filings 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.

6. Credit

Roles: Credit will be responsible for credit screening, evaluation and monitoring credit provisions 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.

7. Benchmark Team - Project Development

Roles: Project Development will be responsible for developing and submitting benchmark bids. Benchmark team members will have no communications with evaluation team members during the RFP process related to the benchmark or market bids without the oversight of the IEs.

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 2022AS RFP-related contact or communication with any market bidder related to their proposal.

8. Engineering

Roles: Engineering will be responsible for providing engineering guidance, reviews of and general support related to proposal design, equipment capability, capacity factors, and other specifications throughout the entire RFP process and will provide interface with the independent engineers hired to evaluate the proposal resource assessments.

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

9. Compliance, Permitting and Safety

Roles: Compliance, permitting and safety will be responsible for providing guidance, reviews and general support related to critical issues analyses, permitting, environmental, fish, wildlife, cultural, environmental, safety and other due diligence criteria 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.

APPENDIX O

PacifiCorp's Company Alternative (Benchmark Resources)

Proposed 2022AS RFP Company Benchmark Resources

- PacifiCorp intends to submit up to [thirty-one (31)] individual Benchmark Resources. seven (37) individual Benchmark Resources. Benchmark Resources will be comprised of Market Options and Owned Options. For each of the Market Options, PacifiCorp will have a purchase option to purchase the entire project outright. Market Option resources will not be eligible to be bid into the RFP separately as either PPA or BTA bids.
- These will be new greenfield resources that will be constructed across PacifiCorp's transmission system.
- To be built on property either currently owned or leased by PacifiCorp, or on property that PacifiCorp will acquire rights to develop.
- Prospective Benchmark Resource sizes and tie-in locations as shown below:

Size (MW)	Technology	Benchmark Option Type	Location (POI)	Interconnection Status	Expected Life	Expected Efficiency	State
80	Wind	Market	BPA: Schultz Switchyard	Washington N/A	30	TBD	WA
100	Solar	Market	Grandview 115kV Substation	Washington N/A	25	TBD	WA
120	Wind	Market	Whitney 138kV Tap	Wyoming N/A	30	TBD	WY
150	Wind	Market	Colstrip Substation	Montana N/A	30	TBD	MT
150	Storage	Market	Troutdale Substation	Oregon N/A	20	TBD	OR
199	Solar	Market	Diamond Hill Substation	Oregon N/A	25	TBD	OR
199	Solar	Market	Fry Substation	Oregon N/A	25	TBD	OR
199	Solar	Market	Black Rock Substation	Utah N/A	25	TBD	UT
200	Solar	Market	Yamsay - Klamath 230kV Tap	Oregon N/A	25	TBD	OR
200 199.9	Storage	Market	Clover Substation	Utah Submitted on 4/1/22	20	TBD	UT
200	Storage	Market	Mercer Substation	Utah N/A	20	TBD	UT
200	Solar	Market	Mercer Substation	Utah N/A	25	TBD	UT
302	Solar	Market	Clover 345kV Substation	Utah N/A	25	TBD	UT
330	Wind	Market	IPC: Boise Bench-Midpoint #2 230kV	Idaho N/A	30	TBD	ID
400	Solar	Market	Summer Lake - Burns 500kV Tap	Oregon N/A	25	TBD	OR
600	Wind	Market	Midpoint Substation	Idaho N/A	30	TBD	ID
600	Solar	Market	Borah Substation	Idaho N/A	25	TBD	ID
800	Wind	Market	Rogerson Substation	Idaho N/A	30	TBD	ID

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30	Solar	Owned	Gunnison-Sigurd #1 Tap	Utah LGIA Signed	25	TBD	UT
35	Solar	Owned	Ponderosa Substation	Oregon LGIA Signed	25	TBD	OR
50	Solar	Owned	Tooele - Horseshoe 46KV Tap	Utah N/A	25	TBD	UT
80	Solar	Owned	Bar Nunn Substation	Wyoming Submitted	25	TBD	WY
100	Wind	Owned	Evanston-Anschutz Tap	Utah LGIA Signed	30	TBD	UT
119	Solar	Owned	Windstar Substation	Wyoming Submitted on 3/4/2022	25	TBD	WY
160	Solar	Owned	Casper Substation	Wyoming LGIA Signed; Submitted	25	TBD	WY
178	Solar	Owned	Emery Substation	Utah LGIA Signed	25	TBD	UT
200 199.9	Storage	Owned	Aeolus Substation	Wyoming Submitted on 4/1/22	20	TBD	WY
200 199.9	Storage	Owned	Anticline Substation	Wyoming Submitted on 4/1/22	20	TBD	WY
200 199.9	Storage	Owned	Mona Substation	Utah Submitted on 4/1/22	20	TBD	UT
200 199.9	Storage	Owned	Snow Goose Substation	Oregon Submitted on 4/1/22	20	TBD	OR
266	Solar	Owned	Shirley Basin Substation	Wyoming Submitted on 3/4/2022	25	TBD	WY
450	Wind	Owned	TBD	To be studied in 2022 Interconnection Cluster	30	TBD	N/A
46	Solar	Owned	Dunlap Substation	Submitted on 3/4/2022	25	TBD	N/A
393	Storage	Market	Malin Substation	LGIA Signed	50	TBD	OR
400	Storage	Market	New Loco Mountain Substation	LGIA anticipated to be executed in April 2022	50	TBD	NT
500	Storage	Market	Rocky Reach-Columbia line (BPA or PSE)	BPA Interconnection Study in process	50	TBD	WA
500	Storage	Market	Oquirrh Substation	To be studied in 2022 Interconnection Cluster	50	TBD	UT

- Benchmark Resource bids will include costs assumptions consistent with the main RFP document Section 6.C, and specifically Table 4, where the Company lists the characteristics which will be used to determine the Net Cost of benchmark bids. These inputs will be provided to the IEs for review and comment.
- PacifiCorp will administer a competitive supply solicitation(s), on a case-by-case basis, for the wind turbines, solar panels, and battery systems required for all Owned Benchmark Resources. Procurement of equipment for Market Benchmark Resources will be conducted by third-party developers in coordination with PacifiCorp.
- PacifiCorp will administer a separate competitive solicitation(s) to secure firm fixed pricing to engineer-procure-construct and commission the balance of plant for Owned Benchmark Resources. Agreements with contractors for engineering, procurement, construction, and commissioning for Market Benchmark Resources will be conducted by third-party developers in coordination with PacifiCorp.

- All projects are expected to be able to be placed in service no later than December 31, ~~2026~~2027 with the exception of long-lead time resources which will be bid with commercial operations dates no later than December 31, 2028.
- All solar ~~projects~~generating resources noted above may ~~include a~~ be bid as collocated battery storage component up to 100% of the nameplate capacity of the solar project and a [4] hour duration and may be bid separately as standalone solar subject to applicable bid fee requirements.
- Project efficiencies will be evaluated in coordination with experienced third-party engineers for Owned Benchmark Resources, and by third-party developers for Market Benchmark Resources in coordination with PacifiCorp.
- Transmission requirements, operating requirements, and dispatch requirements for Benchmark Resources will be evaluated pursuant to applicable Large Generator Interconnection Agreements and necessary Transmission Service Agreements for each resource.
- The Benchmark Resources will be constructed in compliance with PacifiCorp's specifications and 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 O&M facility.
- Benchmark Resources will include the following pro forma estimates for operations, maintenance and on-going capital expenditures:
 - Wind: 30 years
 - Solar & Solar plus Battery: 25 years
 - Battery: ~~25~~20 years
 - Pumped Hydro Storage: 40-50 years (or federal license term)
- The Benchmark Resources costs will include allocated development costs, fees, permitting, project management and equipment costs.
- PacifiCorp would like to reserve the right to add or subtract additional benchmark resources to Appendix O over the next six months prior to the notice of intent to bid (NOI) deadline on November 17, 2022

APPENDIX P

Equity Questionnaire¹⁷

All bidders are requested to complete **Tab 1 Equity Inputs – All Bidders**. ~~Washington bidders are required to complete Tab 1 and also complete Tab 2 Addtnl Questions All Bids- WA Bidders~~Customer Impacts. California bidders are required to complete **Tab 3 Addtnl Questions - CA Bidders**.

[INCLUDED AS A SEPARATE ELECTRONIC SPREADSHEET (EXCEL FILE)]

¹⁷ Additional questions have been added to Appendix P based on stakeholder feedback ~~and Washington Utilities and Transportation Commission Docket UE-210979, Order 02, Approving Proposed Request for Proposals Subject to Conditions, on March 10, 2022~~. See “Change Tracking Sheet” included in excel workbook.

APPENDIX Q

2021 Demand Response RFP – Requirements for Demand-side Bids

[INCLUDED AS SEPARATE ATTACHMENTS]

The 2021 Demand Response RFP was issued on February 21, 2021 and included the following Exhibit and Appendices, which have been incorporated into the 2022AS RFP and will be used to receive and evaluate demand-side bids¹⁸:

Appendix Q-1	Professional Services Contract
Appendix Q-1.01	Contract Exhibit A - Scope of Work and 2021 Demand Response RFP
Appendix Q-1.02	Contract Exhibit B - Pricing and Performance Template
Appendix Q-1.03	Contract Appendix B - Demand Side Tech Requirements
Appendix Q-1.04	Contract Exhibit C - Form of Acceptable Letter of Credit
Appendix Q-1.05	Contract Exhibit D - Form of Purchase Order
Appendix Q-1.06	Contract Exhibit E - Statutory Form of Lien and Claim Release California Work
Appendix Q-1.07	Contract Exhibit F - Contractor Health Safety and Environmental Requirements
Appendix Q-1.08	Contract Exhibit G - Expense Report Requirements for PacifiCorp Contractors
Appendix Q-1.09	Contract Exhibit H - Diversity Subcontractor Spend Report
Appendix Q-1.10	Contract Exhibit I - Prohibited Vendors
Appendix Q-1.11	Contract Appendix 1 Contractor Vendor Information Form

Demand-side resource bidders shall provide a redline or issues/exceptions list to the **Appendix Q Professional Services Contract** as well as the **Appendix Q-1.01 Scope of Work and 2021 Demand Response RFP**.

Demand-side bidders shall complete the **Appendix Q-1.02 Pricing and Performance Table** excel workbook.

In addition to the requirements contained in **Appendix Q – Appendix Q-1.11**, all demand-side resource bidders are required to provide, as applicable:

- Appendix A-1 _____ Interconnection Studies and Agreements¹⁹

~~Required of demand-side bidders, as applicable (continued):~~

- Appendix G-1 _____ Confidentiality Agreement

¹⁸ The ratio of price to non-price score used in the 2021 Demand Response RFP was 80 available points for price score and 20 available points for non-price scores. To be consistent with the 2022AS RFP, before the final RFP issuance, a third category will be added for a total of five points for Bid Submittal Completeness (new), to be consistent with supply-side resource non-price score categories, and the ratio will be updated to be 75 available points for price score and 25 available points for non-price scores.

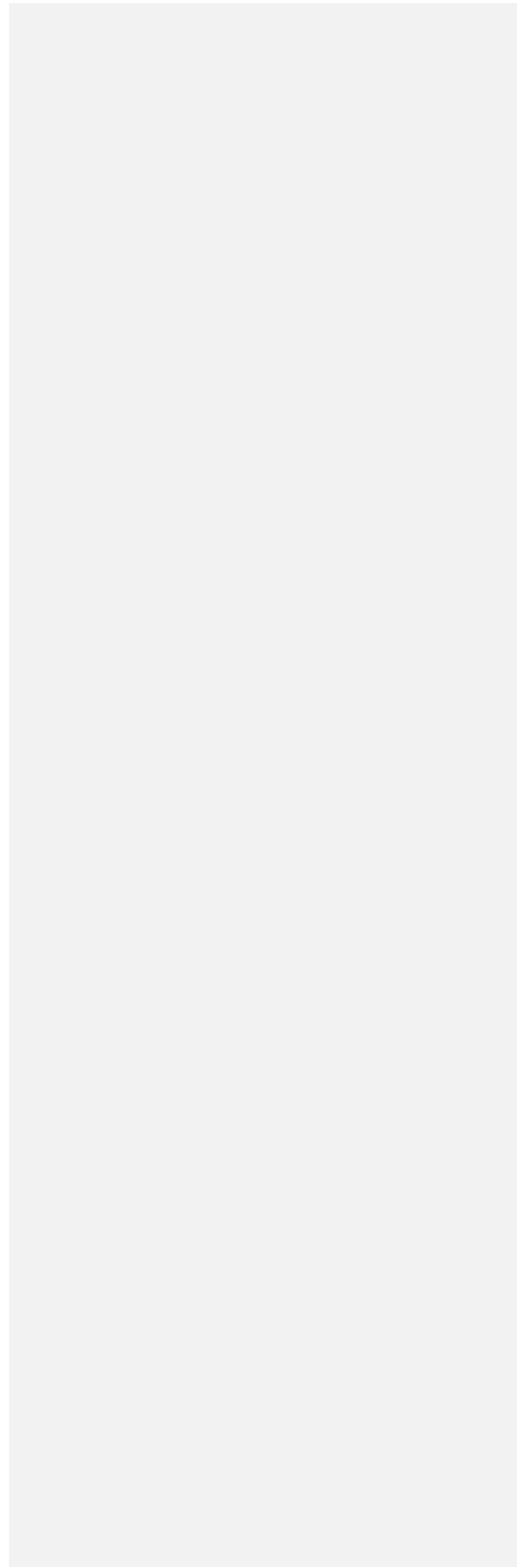
¹⁹ Complete as applicable to capture additional information, pricing, etc. specific to demand-side distributed resource bids

- Appendix L — Non-Price Scoring Matrix

All demand-side bidders are also requested to provide:

- Appendix B-1 Executed Notice of Intent to Bid and Appendix B-1.1 NOI Excel Spreadsheet
- Appendix J PacifiCorp Transmission Waiver, as applicable
- Appendix P Equity Questionnaire

APPENDIX Q-1
Professional Services Contract
[INCLUDED AS A SEPARATE ATTACHMENT]



APPENDIX R

Bid Scoring and Modeling

PacifiCorp proposes that all bids be scored considering two scoring methodologies, Case 1 and Case 2 as described below.

PacifiCorp's proposed 2022AS RFP price scoring approach is comprised of two methodologies both of which will be evaluated and discussed with the IEs. The first, Case 1, is embedded in the second, Case 2, which includes additional consideration for capacity contribution, as described in the examples below. PacifiCorp is proposing the two Case methodologies so that the Company and IEs can explicitly review and discuss how bids rank based on 1) net benefit to the system and 2) net benefit plus the value of deferring²⁰ a proxy peaking resource whose costs will be included in the 2023 IRP.

As described in the main RFP document, Section 6, PacifiCorp's RFP team will provide bid preparation models to the portfolio optimization team and will also share those models with the IEs. Within the bid preparation models will be the results from a Location Capacity Cost model which will recast a bidder's production profiles to reflect the actual profiles of a given reference year (2018 was used in the 2021 IRP). In other words, while the total annual average generation provided in the bid will not change, 8760 net output will be reallocated across the year according to the performance of existing resources in that part of PacifiCorp's system as experienced by PacifiCorp in the reference year, aligning the windy and/or sunny days in the generation forecast for each resource with the comparable conditions of neighboring resources. The recast production profiles will be uploaded into PLEXOS along with levelized cost information. PLEXOS will then run its LT-MT-ST models and provide a final net system benefit for each resource in terms of \$/kW-mon, where kW is the resource's maximum output (the lower of its nameplate or LGIA limit).

The net benefit is simply the difference between the levelized costs provided by the bidder and the system benefit values identified by PLEXOS for each bid. The net benefit may be negative indicating a resource which reduces system costs for PacifiCorp's customers, or it may be positive indicating a resource which increases system costs, but which may or may not provide other value to the system. This net benefit will be used to create price scores in accordance with the two methodologies (Cases) provided below.

Micro-resources: In order to provide a price score for all resources, including those not picked as part of the portfolio optimization process, PacifiCorp will create micro versions of each bid²¹ and upload the fractional (proportional) bid representation into PLEXOS to determine the micro-resource marginal net benefit and ultimately its price score. Because of the immaterial size of

²⁰ Deferral basis is adjusted by the capacity contribution adjustment mechanism and may be complete or partial deferral.

²¹ Sized at or below 100kW

the micro-resources, PacifiCorp will be able to upload and include micro-resource bids without impacting the ultimate bid portfolio selection.

After completion of the PLEXOS runs, PacifiCorp will have net benefit values for each micro-resource bid into the 2022AS RFP which will be used to determine price scores. The PLEXOS outputs will be provided to the IEs for their oversight purposes. A detailed description of the two scoring methodologies which will be prepared is provided below and an excel example demonstrating the math and formula behind each example is included as Appendix R-1:

Case 1 will provide initial “price scores” for each of the 2022AS RFP bids by ranking the net benefit of each bid against the range of “best” and “worst” bids submitted into the 2020AS RFP on a \$/kw-month basis. The tables below use for example the range of best to worst prices bids into the 2020AS RFP that are indicative of what might be offered in the 2022AS RFP. The range of best and worst bids sets a minimum (0) and maximum (75) “price” point range to be awarded.

Case 2 will provide PacifiCorp’s preferred “price score” for use in determining the price score for final bid ranking purposes, subject to review and adjustment in coordination with the IEs. The Case 2 scores will be calculated as the sum of i) each bid’s net benefit and ii) an additional capacity adder, or credit, for the resource’s contribution to system reliability, based on the cost of a peaking resource. The deferred peaking resource value (or capacity contribution adder) will be calculated as the product of a) each bid’s capacity contribution as determined in the Location Capacity Cost model with the bid preparation file and b) PacifiCorp’s “proxy” cost assumption for a peaking resource included in the 2023 IRP. The sum of the net benefit and capacity contribution adder will then be ranked using the same methodology as Case 1, where bids will be ranked based on a range of “best” and “worst” bids on a \$/kw-month basis. The example below shows how Case 2 bids perform against the best and worst bids from the 2020AS RFP. Consistent with Case 1, the best and worst bid prices set the minimum and maximum point range to be awarded in Case 2.

The following page includes examples.

Example Assumptions:

Bid Types: Each of Case 1 and Case 2 scoring methodologies show scoring calculations for four representative bids demonstrating how price scores would be calculated for each of the four potential bid types:

1. Bid 1: Low capacity contribution resource equal to 10%. Net cost to PacifiCorp system (positive difference between levelized cost and system benefit)
2. Bid 2: Same low capacity contribution. Same levelized cost, but net benefit to PacifiCorp system (negative difference)
3. Bid 3: High capacity contribution resource equal to 100%. Net benefit to PacifiCorp system (negative difference between levelized cost and system benefit)
4. Bid 4: Same high capacity contribution. Net cost to PacifiCorp system (positive difference)

Ranking: The highest and lowest net benefits realized from bid from the 2020AS RFP are used to force rank bids between zero and 75 potential price score points:

- 2020AS RFP: Most net benefit: $-\$93/\text{MW-mon}^{22}$
- 2020AS RFP: Least net benefit (net cost): $\$196/\text{MW-mon}$

Case 1: Price scoring methodology used to rank all bids using PLEXOS benefit results (in dollars) based on the equation below:

$$\text{Bid Score}_x = \frac{[(\text{PLEXOS Bid Benefit of Score}_x - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}{\text{divided by: } [(\text{Highest ("best") Bid Net Benefit of ALL 2020AS RFP Bids} - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}$$

Where,

- the Lowest Bid Score = 75 points; and
- the Highest Bid Score = 0 points

Case 2: Price scoring methodology to rank all bids using PLEXOS benefit results (in dollars) and a capacity contribution adder based on the equation below:

$$\text{Bid Score}_x = \frac{[(\text{PLEXOS Bid Benefit of Score}_x - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}{\text{divided by: } [(\text{Highest ("best") Bid Net Benefit of ALL 2020AS RFP Bids} - \text{Lowest ("worst") Bid Net Benefit of ALL 2020AS RFP Bid Scores})]}$$

Plus, the positive benefit from;

[Proxy cost of new peaking resource in 2025-2027 X Capacity Contribution of the Project (from the Locational Capacity Cost (LCC) Model within the Bid Preparation model)]

Where,

- the Lowest Bid Score = 75 points; and
- the Highest Bid Score = 0 points

²² Following consultation with the IEs, the high and low scores may be rounded for ease of scoring purposes.

By example,

Case 1:

Example Bids		Bid 1	Bid 2	Bid 3	Bid 4
	Calculated Capacit Contribution from LCC Model	10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
	Nom. Levelized Cost over Contract Life (\$/kw-mon)	\$80	\$80	\$130	\$100
	Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)	(\$70)	(\$90)	(\$160)	\$0
	Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)	\$10	(\$10)	(\$30)	\$100
	Bid Score _x	48	53	59	25

This Case 1 example scores Net Benefit results from PLEXOS, by bid asset, then ranks each net benefit result within the range of results received from all bids received in the 2020AS RFP. It is clear in Case 1 that bids with net costs (positive difference) to the system perform poorly relative to bids with net benefits (negative difference), which is reflected in the price scores ranging from \$25 to \$59/kW-mon based on a net benefit range of \$196/kW-mon to -\$93/kW-mon realized in the 2020AS RFP bid results. The relative capacity contributions of the resources are not reflected in this indicative price scoring methodology.

Case 2:

Example Bids		Bid 1	Bid 2	Bid 3	Bid 4
	Calculated Capacit Contribution from LCC Model	10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
->	Est. Cost of a Natural Gas Peaker (\$/kw-mon)	\$123.00	\$123.00	\$123.00	\$123.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
	Nom. Levelized Cost over Contract Life (\$/kw-mon)	\$80	\$80	\$80	\$100
	Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)	(\$70)	(\$90)	(\$160)	\$0
	Added Value for Defered NG Peaker Based on Capacity Contribution	(\$12)	(\$12)	(\$123)	(\$123)
	Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)	(\$2)	(\$22)	(\$203)	(\$23)
	Bid Score _x	51	57	75	57

This Case 2 example scores Net Benefit results from PLEXOS, by bid asset plus the capacity contribution adjusted value of a deferred peaking resource, then ranks the resultant net benefit result within the range of results received from all bids received in the 2020AS RFP.

It is clear by comparing Case 1 and Case 2 that bids with net costs (positive difference) to the system and lower capacity contribution factors perform relatively poorly as compared to bids with net benefits (negative difference) and higher capacity contributions, which is reflected in the price scores ranging from \$51 to \$75/kW-mon based on a net benefit range of \$196/kW-mon to -

\$93/kW-mon realized in the 2020AS RFP bid results. The relative capacity contributions of the resources are not reflected in the Case 1 price scoring methodology.

All pricing results from both Case 1 and Case 2, by bid, will be considered when determining a final price score to be summed with the non-price score, which will be used to rank bids for the 2022AS RFP. PacifiCorp will consult with all the IEs to determine whether Case 1 or Case 2 should be the preferred methodology before finalizing the price score and determining the final shortlist.

APPENDIX R-1

Bid Scoring Example

[INCLUDED AS A SEPARATE EXCEL ATTACHMENT]

APPENDIX S

**Berkshire Hathaway Energy Cyber Security Requirements
Applicable to PPAs, Tolling Agreements and BTAs**

Cyber security is an evolving issue with growing importance to the electric power industry. Berkshire Hathaway Energy is developing security requirements for PPAs, Tolling Agreements and BTAs, which will be folded into contractual documents prior to the market bid deadline on February 14, 2023.

APPENDIX S-1

Berkshire Hathaway Energy Cyber Security Attestation

Berkshire Hathaway Energy is developing a cyber security attestations document which will be required of all PPAs, Tolling Agreements and BTA bidders providing a Notice of Intent to Bid due on November 17, 2023.

Change: Explanation:

1	Edit to Row 41	Added "including Tabs 1 and 2" for clarification.
2	Addition of Row 42	Added minimum criteria to submit Appendix S-1 Berkshire Hathaway Energy Cyber Security Attestation.
3	Addition of Row 67	Added point for bidder's agreement to quarterly reporting of local/state hiring and safety incident notices.
4	Addition of Row 68	Added point for bidder's agreement to comply with Berkshire Hathaway Energy's cyber security requirements for prohibited vendors and enterprise security requirements.

Appendix L Non-Pricing Scoring Matrix

PacifiCorp 2022AS RFP

Appendix L: Non-Price Scorecard	
Bidder Company	
Project / Facility Name	
Assigned Bid Number	
PPA, PPA with BESS, Tolling Agreement or BTA	
Point of Delivery	
County, State	Other
MW	

Non-Price Score:

Bid Submittal Completeness	5.00	-
Contracting Progress and Viability	5.00	-
Project Readiness and Deliverability	15.00	-
Total Non Price Score	25.00	-

Non-Price Factor

I. Bid Submittal Completeness - Bidder completed each of following items accurately and in a manner consistent with the RFP requirements.	Response	Bid Score	Comments
· Bid meets all minimum criteria and is eligible bid.	Yes	Minimum criteria met	
· Appendix A-2 Interconnection study, agreements and any required confirmation of material modification, as applicable. Off-system bids have provided a system impact or facilities study with 3rd party transmission provider and demonstrated transmission availability to a POD on PacifiCorp's transmission system.	Yes	Minimum criteria met	
· Appendix A-3 Permit Matrix	Yes	Minimum criteria met	
· Appendix A-5 Project One-Line Drawing and Layout	Yes	Minimum criteria met	
· Appendix A-6 Division of Responsibility (BTA)	Yes	Minimum criteria met	
· Appendix A-7 Conformance with Owners Standards and Specifications (BTA)	Yes	Minimum criteria met	
· Appendix A-8 Real Estate Specifications	Yes	Minimum criteria met	
· Appendix A-9 Product Data-Equipment Supply Matrix	Yes	Minimum criteria met	
· Appendix A-10 Plant Performance Guarantee/Warranties (BTA)	Yes	Minimum criteria met	
· Appendix B-1 Notice of Intent to Bid	Yes	1	
· Appendix B-2 Signed Cover Letter without modification	Yes	Minimum criteria met	
· Appendix B-2 Bid Proposal in compliance with the proposal format and requirements outlined in Appendix B-2	Yes	1	
· Appendix B-2 includes proposed site(s) shown on a United States Geological Survey (USGS) 7.5-minute series map	Yes	1	
· Appendix C-2 Bid Summary and Pricing Input Sheet provided without modification, including milestone payment schedule for BTAs	Yes	Minimum criteria met	
· Appendix C-3 3rd Party Energy Performance Report. For wind submittals, one (1) an independent third-party or in-house wind assessment analysis/report supported by a minimum of (a) two years of wind data for BTA proposals from the proposed site or (b) one year of wind data for PPA proposals from the proposed site. Wind data shall support the capacity factor. For solar proposals, one (1) a PVSyst report, including the complete set of modeling input files in Microsoft Excel format that PacifiCorp can use to replicate the performance using PVSyst, PacifiCorp's preferred solar performance model, and two years of solar irradiance satellite data provided by Solargis, SolarAnywhere or on-site met data.	Yes	Minimum criteria met	
· Appendix D Bidder's Credit Information including a clear description of ownership and/or corporate structure, a letter from the entity providing financial assurances stating that it will provide financial assurances on behalf of the bidder	Yes	Minimum criteria met	
· Appendix G-1 Confidentiality Agreement	Yes	Minimum criteria met	
· Appendix J PacifiCorp Transmission Waiver	Yes	1	
· Appendix K General Services Contract-O&M Services (BTA)	Yes	Minimum criteria met	
· Appendix L Non-Price Scorecard has been completed by bidder	Yes	1	
· Appendix P - Equity Questionnaire, including Tabs 1 and 2	Yes	1	
· Appendix S-1 Berkshire Hathaway Energy Cyber Security Attestation	Yes	Minimum criteria met	
· Site Control Documentation	Yes	Minimum criteria met	

· Completed Critical Issues Analysis Report by 3rd Party	Yes	1	
· Completed permits (or applications) including Conditional Use Permit and Conditional Use Permit, evidence of appropriate zoning, or other material permits as required (BTA)	Yes	Minimum criteria met	
· Geotechnical report (BTA)	Yes	Minimum criteria met	
· Environmental studies (endangered species, wetlands, Phase I ESA) (BTA)	Yes	Minimum criteria met	
· Cultural studies (BTA)	Yes	Minimum criteria met	
· Evidence of wire transfer provided prior to bid deadline in the correct amount for the correct number of bids	Yes	Minimum criteria met	
II. Contracting Progress and Viability	Response	Bid Score	Comments
· A contract redline was provided including redline of applicable Exhibits and/or Appendices.	Yes	1	
· A contract issues (or exceptions) list was provided identifying bidder's top priority commercial terms.	Yes	1	
· BTA bidder included an issues (or exceptions) list related to Appendix A technical specifications.	Yes	1	
· Bidder represents redlines and issues lists are based on a lawyer's review of the proforma contract documents.	Yes	1	
· Bidder has the legal authority to enter into a contract for the output of the facility.	Yes	Minimum criteria met	
· Bidder provided fixed and firm pricing for a contract term length between 5 and 30 years.	Yes	1	
· Bidder has offered a dispatchable product.	Yes	1	
· Bidder agrees to PacifiCorp's ability to issue dispatch notices as defined in contract proforma. Bidder will follow Automated Generation Control (AGC) signal and follow a four (4) second signal.	Yes	Minimum criteria met	
· Bidder has demonstrated it can meet the credit security requirements for the resource proposed.	Yes	Minimum criteria met	
· Binding and exclusive site control documentation matches legal site description included in contract redline. Seller will have site control and site access site by contract execution date.	Yes	1	
· Contract redlines are consistent with Appendix C-2 inputs (product, price, term, 8760, capacity factor, depreciation, degradation, storage specifications, BTA milestone payments, etc).	Yes	1	
· BTA bids include list of assets to be transferred to PacifiCorp. Project documents with same legal entity as bidder. Studies, critical issues analysis and material assets may be assigned and relied upon by PacifiCorp.	Yes	1	
· Wind bidder will agree to proforma contract requirement to apply for Eagle Take Permit.	Yes	Minimum criteria met	
· Oregon-sited resources will agree to proforma contract term which requires bidder to provide attestation required in HB2021 or else provide Project Labor Agreement (PLA) to Department of Energy (DOE).	Yes	1	
· Seller will agree to pro forma contract term to comply with Prohibited Vendors provisions.	Yes	Minimum criteria met	
· Seller will agree to pro forma contract term to comply with OFAC Sanctions Lists and Government-Owned Enterprises provisions.	Yes	1	
· Seller will agree to pro forma contract term requiring reporting of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions.	Yes	1	
· Seller will agree to to comply with Berkshire Hathaway Energy's Cyber Security Requirements, which may include prohibited vendors and compliance with enterprise security requirements as may evolve over the life of the proposed bid term.	Yes	1	
· Seller will agree to pro forma contract term which requires contractor diversity tracking and reporting.	Yes	1	
III. Project Readiness and Deliverability	Response	Bid Score	Comments
· Schedule and supporting documentation include development and construction milestones (major equipment procurement and delivery on site, EPC execution and notice to proceed, interconnection backfeed, mechanical completion) which support the commercial operations date.	Yes	Minimum criteria met	
· Bidder has demonstrated ability to achieve commercial operations by December 31, 2026	Yes	1	
· Bidder has demonstrated conformance with Appendix A-7 Owners Standards and Specifications	Yes	1	
· BTA assets (permits, leases, interconnection agreements, other contracts, resource assessments etc) support commercial operation date, 8760 resource estimates and net capacity factor through operating life.	Yes	1	
· Bidder has experience with (developing, constructing and/or operating) the same technology as being proposed.	Yes	1	
· Bidder has sufficient development experience (prior to construction) for size of project proposed (has completed at least one project 50% of proposed size).	Yes	1	
· With regards to safety, bidder represents it has a total recordable incident (TRI) level equal to or greater than the TRI for their industry as determined by the U.S. Occupational Health and Safety Administration (OSHA).	Yes	1	
· Bidder's Financing Plan demonstrates ability to finance project construction and ongoing operations.	Yes	1	
· Bidder has executed and recorded lease or warranty deed of ownership.	Yes	1	
· Required easements have been identified including project site, site access and any gentie line up to point of interconnection.	Yes	1	

· Required easements have been secured including project site, site access and any gentie line up to point of interconnection.	Yes	1	
· Interconnection study includes an assessment of <u>both</u> Energy Resource Interconnection Service (ERIS) and Network Resource Interconnection Service (NRIS).	Yes	1	
· Bidder has signed LGIA which demonstrates ability to interconnect before proposed commercial operations date.	Yes	1	
· Met stations have been installed - and are functioning - on site.	Yes	1	
· 50% Engineering designs are complete.	Yes	1	
· Proposed equipment is consistent with bid narrative, Appendix C-3 (8760), Appendix A-1 and A-7 Technical Specifications, Appendix A-2 interconnection studies, Appendix A-5 single line drawings and Appendix A-9 equipment supply matrix.	Yes	1	
· Bidder's Supply chain and contracting plans demonstrate ability to secure materials and complete construction, including securing safe harbor equipment, if applicable. Bidder has demonstrated a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long lead time equipment.	Yes	1	
· 1) Major equipment has been procured and 2) Engineering Procurement and Construction (EPC) and/or other balance-of-plant construction contracts agreement have been signed.	Yes	1	
· Critical Issues Analysis has not identified any fatal flaw that would prevent resource from reaching commercial operations by the deadline.	Yes	1	
· Wetlands are either not present or mitigation plans are in place.	Yes	1	
· Endangered species are either not present on site or mitigations plans are in place.	Yes	1	
· One or more year of avian studies are available for proposed wind resources.	Yes	1	
· Cultural resources are either not present or mitigation plans are in place.	Yes	1	
· Site is zoned for proposed use.	Yes	1	
· Permitting is complete (i.e. project is shovel ready).	Yes	1	
· Proposal meets PacifiCorp's supplier diversity goals: https://www.pacificorp.com/suppliers/supplier-diversity.html	Yes	1	
· If located in California, proposal is a renewable generating facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels according to California Office of Environmental Health Hazard Assessment (OEHHA)'s California Communities Environmental Health Screening Tool: CalEnviroScreen 4.0. (https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40)	Yes	1	
· If located in Washington state, facility is located in a highly impacted community or in proximity to a vulnerable population according to Washington State Department of Health's Environmental Public Health Data website and Environmental Health Disparities V 1.1 tool (https://fortress.wa.gov/doh/wtn/WTNIBL/)	Yes	1	
· If located in Washington state, facility has demonstrated how it will provide non-energy benefit consistent with PacifiCorp's customer benefit indicators as provided in PacifiCorp's Clean Energy Implementation Plan (See Exhibit P Equity Questionnaire, Tab 2 - Addnl Questions - WA Bidders)	Yes	1	
· If located in Oregon state, facility meets HB2021 requirements including but not limited to apprenticeship and workforce requirements	Yes	1	
· Proposal is a renewable generating facility or non-emitting resource.	Yes	1	

Tab	Rows or Columns	Description
1	Row 36	Added total employment (hires) of fossil fuel construction workers (number of jobs)
2	Tab Name	Changed to "All bids - WA Customer Impacts"
2	Cell B-3	Added instructions

Appendix P Equity Questionnaire - Tab 1

PacifiCorp 2022AS RFP

Appendix P - Equity Questionnaire

Facility proximity to community		
Census track in which facility is located		
Distance from facility to nearest residential home		miles
Number of residential homes within 1 mile of facility		residences
Number of residential homes within 6 miles of facility		residences
How does this resource serve or otherwise impact vulnerable populations?		
Is your facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels?		
Distance to nearest existing generation sources by fuel source within 6 miles of proposed facility;		miles
Will the proposed facility replace/supplant identified generation sources?		
If "yes," provide estimated reduction in air pollutants/toxics in the community over life of the project/contract due to the facility (when/how much megawatt-hour ("MWh")/year), and avoided emissions released into the community (within 6 miles of the project).		

<https://geocoding.geo.census.gov/geocoder/geographies/address?form>

Yes/No. Provide additional context in Appendix B-2

Population characteristics of community where facility is proposed

To be completed based on census track in which facility is located (<https://data.census.gov/cedsci/advanced>)

To be completed using Census Data from the applicable tables:

<https://data.census.gov/cedsci/advanced>

Race and ethnicity	
White (%)	
Black or African American (%)	
American Indian and Alaska Native (%)	
Asian (%)	
Native Hawaiian and Other Pacific Islander (%)	
Two or More Races (%)	
Hispanic or Latino (%)	
Population 25 years and over with no high school diploma	
Unaffordable housing	
Population five years and older that speak English less than "very well" and "not at all"	
Population with income 185% below poverty	
Population 16 years and older unemployed	

% of population white alone
 % of population Black or African American alone
 % of population American Indian and Alaska Native alone
 % of population Asian alone
 % of population Native Hawaiian and Other Pacific Islander alone
 % of population two or more races
 % of population Hispanic or Latino
 % of population 25 years and older
 % of households spending greater than 30% of income on housing
 % of people that speak English at home (5 years old or older)
 % of total population with income 185% below poverty
 % of population 16 years or older

Table: DP05
 Table: DP05
 Table: DP05
 Table: DP05
 Table: DP05
 Table: DP05
 Table: DP05
 Table: DP02
 Table: DP04
 Table: B16004
 Table: S1701
 Table: S2301

	Development (Program or Project)	Construction	Ongoing Operations	
Facility Job Creation				
Total hires (number of jobs)				
Will there be an apprenticeship or training program?				
Projected local hires from nearby communities (number of jobs)				
Expected total employment (hires) of fossil fuel construction workers (number of jobs)				
Duration of work (months of construction / years of operation)				Specify unit (hours, days, or months)
Total Recordable Incident (TRI) of Bidder				
Industry Average TRI for type of business (OSHA)				
Bidder agrees to use Veriforce, or equivalent, to report safety				Required for BTA bidders.
Estimate projected economic benefits to the local economy (direct and indirect) (annual \$ from payroll taxes, property taxes, other taxes, services)				
Minority-owned businesses (percentage of contractors and subcontractors)				
Woman-owned businesses (percentage of contractors and subcontractors)				
Service-disabled veteran-owned businesses (percentage of contractors and subcontractors)				
LGBT firms (percentage of contractors and subcontractors)				

Local Impacts

Is Facility a distributed energy resource?		yes/no
Duration of construction		months
Source of water used during construction		
Source of water used during operations		
Is water a permitted or public source		public/private
Site disturbance - amount of disturbed soil during construction		acres
Tree and pollinator seed re-planting after construction		acres

	Estimated Amount During		
	Development (Program or Project)	Construction	Ongoing Operations
Pollution Burden			
Environmental Exposures			
Annual amount of greenhouse gas emissions			
Diesel Emission Levels of NOx (tons per year)			
Particulate Matter 2.5 (PM2.5) (tons per year)			
Will the facility be required by the EPA to have a Risk Management Plan (Y/N)			
Estimated number of vehicles on site (daily average)			
Environmental Effects			
Will the facility have a transportation plan? (Y/N)			
Will the facility require a hazardous waste permit (Y/N)			
Will the facility have a dust mitigation plan (Y/N)			
Will the facility require a wastewater discharge permit (Y/N)			
Water use (gallons per year)			
Will the facility request an incidental take permit (Y/N)			

Appendix P Equity Questionnaire - Tab 2
 PacificCorp 2022AS RFP

Please answer the following questions as they pertain to how the proposed resource may or may not impact Washington customers. In particular, all bidders are requested to respond to rows 6, 7 and 8 inasmuch as they impact all PacificCorp customers, including Washington customers. For those responses which are not applicable, please indicate "N/A." Resources located outside of Washington are not required to complete rows 41-65.

Washington CEIP Community Impact Questions	Yes / No	Comment:
Will this resource include an apprenticeship or job training?		
Will this resource increase the amount of renewable energy on PacificCorp's system?		All bidders to respond to provide impact on PacificCorp's system, including Washington customers.
Will this resource result in CO2 emissions?		All bidders to respond to provide impact on PacificCorp's system, including Washington customers.
Will this resource enable grid investments or other infrastructure which result in energy resiliency or energy security?		All bidders to respond to provide impact on PacificCorp's system, including Washington customers.
Will this resource provide energy benefits to vulnerable populations and highly impacted communities?		
Will this resource provide non-energy benefits to vulnerable populations and highly impacted communities?		
Will this resource reduce the energy burden of vulnerable populations and highly impacted communities?		

Customer Benefit Indicator (CBI) Questionnaire	Yes / No / Other Response	Comment:	Corresponding CBI from CEIP	Corresponding Metric from CEIP
Will the proposed resource consider culturally and linguistically responsive outreach and program communication?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> Outreach in non-English languages Percentage of responses to surveys in Spanish
How will the resource sponsor engage in outreach in non-English languages?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> Outreach in non-English languages Percentage of responses to surveys in Spanish
Will the proposed resource track percentage of responses to surveys in Spanish?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> Outreach in non-English languages Percentage of responses to surveys in Spanish
Will the proposed resource offer workshops on energy related programs?			Community-focused efforts and investments	<ul style="list-style-type: none"> Workshops on energy related programs Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage Number of public charging stations in named communities
What is the expected headcount of staff supporting program delivery in Washington who are woman, minority, or can show disadvantage? (Program delivery as related to energy efficiency programs with exception to low income weatherization).			Community-focused efforts and investments	<ul style="list-style-type: none"> Workshops on energy related programs Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage Number of public charging stations in named communities
What is the number of public charging EV stations in named communities as a result of this proposed resource?			Community-focused efforts and investments	<ul style="list-style-type: none"> Workshops on energy related programs Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage Number of public charging stations in named communities
Will the proposed resource increase participation in company energy and efficiency programs and billing assistance programs?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> Number of households/businesses, including named communities, who participate in company energy/efficiency programs Percentage of households that participate in billing assistance programs Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the expected number of households/businesses, including named communities, who will participate in company energy/efficiency programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> Number of households/businesses, including named communities, who participate in company energy/efficiency programs Percentage of households that participate in billing assistance programs Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the percentage of households that participate will participate in billing assistance programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> Number of households/businesses, including named communities, who participate in company energy/efficiency programs Percentage of households that participate in billing assistance programs Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the number of households/businesses who will participate/enroll in demand response, load management, and behavioral programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> Number of households/businesses, including named communities, who participate in company energy/efficiency programs Percentage of households that participate in billing assistance programs Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
Will the proposed resource improve the efficiency of housing stock and small businesses, including low-income housing?			Efficiency of housing stock and small businesses, including low income housing	<ul style="list-style-type: none"> Number of households and small businesses that participate in company energy/efficiency programs Energy efficiency expenditures
What is the number of households and small businesses that participate in company energy/efficiency programs as a result of this proposed resource?			Efficiency of housing stock and small businesses, including low income housing	<ul style="list-style-type: none"> Number of households and small businesses that participate in company energy/efficiency programs Energy efficiency expenditures
How many gas to electric conversions for Low-income Weatherization program are expected as a result of this proposed resource?			Efficiency of housing stock and small businesses, including low income housing	<ul style="list-style-type: none"> Number of households and small businesses that participate in company energy/efficiency programs Energy efficiency expenditures
Will the proposed resource increase the amount of renewable energy resources and reduce emissions?			Renewable energy resources and emissions	<ul style="list-style-type: none"> Amount of renewables/non-emitting resources serving Washington Washington allocated greenhouse gas emission from Washington allocated resources
What amount of renewables/non-emitting resources are expected as a result of this proposed resource?			Renewable energy resources and emissions	<ul style="list-style-type: none"> Amount of renewables/non-emitting resources serving Washington Washington allocated greenhouse gas emission from Washington allocated resources
What is the expected amount of annual greenhouse gas emission from the proposed resource?			Renewable energy resources and emissions	<ul style="list-style-type: none"> Amount of renewables/non-emitting resources serving Washington Washington allocated greenhouse gas emission from Washington allocated resources
Will the proposed resource reduce household energy burden?			Households experiencing high energy burden	<ul style="list-style-type: none"> Number of customers experiencing high energy burden by highly impacted communities, vulnerable populations, low-income bill assistance (LBA) and Low-income Weatherization participants, and other residential customers
How will the proposed resource reduce the number of customers suffering from high energy burden in each of the following groups (highly impacted communities, vulnerable populations, low-income bill assistance (LBA) and Low-income Weatherization participants, and other residential customers)?			Households experiencing high energy burden	<ul style="list-style-type: none"> Number of customers experiencing high energy burden by highly impacted communities, vulnerable populations, low-income bill assistance (LBA) and Low-income Weatherization participants, and other residential customers
Will the proposed resource improve indoor air quality?			Indoor air quality	<ul style="list-style-type: none"> Number of households using wood as primary or secondary heating Non-electric to electric conversions for Low-income Weatherization program
How will the proposed resource reduce the number of households using wood as primary or secondary heating?			Indoor air quality	<ul style="list-style-type: none"> Number of households using wood as primary or secondary heating Non-electric to electric conversions for Low-income Weatherization program
Will the proposed resource reduce the frequency and duration of energy outages?			Frequency and duration of energy outages	<ul style="list-style-type: none"> SAIDI, SAIFI, and CAIDI at area level including and excluding major events
How will the proposed resource reduce SAIDI, SAIFI, and CAIDI* at area level including major events?			Frequency and duration of energy outages	<ul style="list-style-type: none"> SAIDI, SAIFI, and CAIDI at area level including and excluding major events
How will the proposed resource reduce SAIDI, SAIFI, and CAIDI* at area level excluding major events?			Frequency and duration of energy outages	<ul style="list-style-type: none"> SAIDI, SAIFI, and CAIDI at area level including and excluding major events
Will the proposed resource reduce the expected number of residential customer disconnections?			Residential customer disconnections	<ul style="list-style-type: none"> Number of residential customer disconnections including disconnections within named communities
How will the proposed resource reduce the number of residential customer disconnections including disconnections within named communities?			Residential customer disconnections	<ul style="list-style-type: none"> Number of residential customer disconnections including disconnections within named communities

Facilities located in Washington-state must provide scores for each of the following criteria for the proposed location using WA Department of health website	Rank	
Environmental Health Disparities V.1.1		https://trnss.wa.gov/doh/wa/WTHNBL/
Environmental Exposures		https://trnss.wa.gov/doh/wa/WTHNBL/
N6a-Diesel Emissions (Annual Tons/km2)		https://trnss.wa.gov/doh/wa/WTHNBL/
Ozone Concentration		https://trnss.wa.gov/doh/wa/WTHNBL/
PM2.5 Concentration		https://trnss.wa.gov/doh/wa/WTHNBL/
Populations near Heavy Traffic Roadways		https://trnss.wa.gov/doh/wa/WTHNBL/
Toxic Releases from Facilities (RSD Model)		https://trnss.wa.gov/doh/wa/WTHNBL/
Environmental Effects		https://trnss.wa.gov/doh/wa/WTHNBL/
Lead Risk From Housing (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
Proximity to Hazardous Waste Treatment Storage and Disposal Facilities (TSDF)		https://trnss.wa.gov/doh/wa/WTHNBL/
Proximity to National Priorities List Facilities (Superfund Sites)		https://trnss.wa.gov/doh/wa/WTHNBL/
Proximity to Risk Management Plan (RMP) Facilities		https://trnss.wa.gov/doh/wa/WTHNBL/
Wastewater Discharge		https://trnss.wa.gov/doh/wa/WTHNBL/
Socioeconomic Factors		https://trnss.wa.gov/doh/wa/WTHNBL/
ACS Limited English (LPI) (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
No High School Diploma (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
People of Color (Race/Ethnicity)		https://trnss.wa.gov/doh/wa/WTHNBL/
Population Living in Poverty <=30% of Federal Poverty Level (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
Transportation Expense		https://trnss.wa.gov/doh/wa/WTHNBL/
Unaffordable Housing (>30% of income)		https://trnss.wa.gov/doh/wa/WTHNBL/
Unemployed (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
ACS Limited English (LPI) (%)		https://trnss.wa.gov/doh/wa/WTHNBL/
Death from Cardiovascular Disease		https://trnss.wa.gov/doh/wa/WTHNBL/
Low Birth Weight - Combined (%)		https://trnss.wa.gov/doh/wa/WTHNBL/

Appendix P Equity Questionnaire - Tab 3

PacifiCorp 2022AS RFP

Clean Energy Bill Questions	Yes/No	Comment:
Is your facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels?		

California		
Facilities located in California must provide the CalEnviroScreen 3.0 Results score for the proposed location using the California Office of Environmental Health Hazard Assessment website	Rank	
Overall Percentiles		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
CalEnviroScreen 4.0 Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Pollution Burden Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Population Characteristics Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Exposures		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Ozone		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Particulate Matter 2.5		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Diesel Particulate Matter		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Toxic Releases		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Traffic		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Pesticides		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Drinking Water		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Lead from Housing		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Environmental Effects		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Cleanup Sites		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Groundwater Threats		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Hazardous Waste		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Impaired Waters		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Solid Waste		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Sensitive Populations		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Asthma		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Low Birth Weight		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Cardiovascular Disease		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Socioeconomic Factors		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Education		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Linguistic Isolation		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Poverty		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Unemployment		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Housing Burden		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40

Appendix R-1 Bid Scoring Example

PacifiCorp 2022AS RFP

		Bid 1	Bid 2	Bid 3	Bid 4
Example Bids					
Calculated Capacity Contribution from LCC Model		10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
->	Est. Cost of a Natural Gas Peaker (\$/kw-mon)	\$123.00	\$123.00	\$123.00	\$123.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$130	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$70)	(\$90)	(\$160)	\$0
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		\$10	(\$10)	(\$30)	\$100
Bid Score _x		48	53	59	25
Scoring Case 2: PLEXOS Benefit results adjusted for Capacity Contribution and Cost of Peaker					
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$80	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$70)	(\$90)	(\$160)	\$0
Added Value for Deferred NG Peaker Based on Capacity Contribution		(\$12)	(\$12)	(\$123)	(\$123)
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$2)	(\$22)	(\$203)	(\$23)
Bid Score _x		51	57	75	57

Scoring Case 1: PLEXOS Benefit Results Only

Scoring Case 2: PLEXOS Benefit results adjusted for Capacity Contribution and Cost of Peaker

Appendix R-1 Bid Scoring Example

PacifiCorp 2022AS RFP

		Bid 1	Bid 2	Bid 3	Bid 4
Example Bids					
Calculated Capacity Contribution from LCC Model		10%	10%	100%	100%
Points					
0	2020AS RFP Highest Cost Bid (\$/kw-mon)	\$196.00	\$196.00	\$196.00	\$196.00
->	Est. Cost of a Natural Gas Peaker (\$/kw-mon)	\$123.00	\$123.00	\$123.00	\$123.00
75	2020AS RFP Lowest Cost Bid (\$/kw-mon)	-\$93.00	-\$93.00	-\$93.00	-\$93.00
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$130	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$70)	(\$90)	(\$160)	\$0
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		\$10	(\$10)	(\$30)	\$100
Bid Score ₁		48	53	59	25
Scoring Case 2: PLEXOS Benefit results adjusted for Capacity Contribution and Cost of Peaker					
Nom. Levelized Cost over Contract Life (\$/kw-mon)		\$80	\$80	\$80	\$100
Nom. Levelized Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$70)	(\$90)	(\$160)	\$0
Added Value for Deferred NG Peaker Based on Capacity Contribution		(\$12)	(\$12)	(\$123)	(\$123)
Nom. Levelized Net Benefit (from PLEXOS) over Contract Life (\$/kw-mon)		(\$2)	(\$22)	(\$203)	(\$23)
Bid Score ₂		51	57	75	57

Scoring Case 1: PLEXOS Benefit Results Only

Scoring Case 2: PLEXOS Benefit results adjusted for Capacity Contribution and Cost of Peaker

	Change:	Explanation:
1	Edit to Row 41	Added "including Tabs 1 and 2" for clarification.
2	Addition of Row 42	Added minimum criteria to submit Appendix S-1 Berkshire Hathaway Energy Cyber Security Attestation.
3	Addition of Row 67	Added point for bidder's agreement to quarterly reporting of local/state hiring and safety incident notices.
4	Addition of Row 68	Added point for bidder's agreement to comply with Berkshire Hathaway Energy's cyber security requirements for prohibited vendors and enterprise security requirements.

Bidder Company	
Project / Facility Name	
Assigned Bid Number	
PPA, PPA with BESS, Tolling Agreement or BTA	
Point of Delivery	
County, State	Other
MW	

Non-Price Score:

Bid Submittal Completeness	5.00	-
Contracting Progress and Viability	5.00	-
Project Readiness and Deliverability	15.00	-
Total Non Price Score	25.00	-

Non-Price Factor

I. Bid Submittal Completeness - Bidder completed each of following items accurately and in a manner consistent with the RFP requirements.	Response	Bid Score	Comments
· Bid meets all minimum criteria and is eligible bid.	Yes	Minimum criteria met	
· Appendix A-2 Interconnection study, agreements and any required confirmation of material modification, as applicable. Off-system bids have provided a system impact or facilities study with 3rd party transmission provider and demonstrated transmission availability to a POD on PacifiCorp's transmission system.	Yes	Minimum criteria met	
· Appendix A-3 Permit Matrix	Yes	Minimum criteria met	
· Appendix A-5 Project One-Line Drawing and Layout	Yes	Minimum criteria met	
· Appendix A-6 Division of Responsibility (BTA)	Yes	Minimum criteria met	
· Appendix A-7 Conformance with Owners Standards and Specifications (BTA)	Yes	Minimum criteria met	
· Appendix A-8 Real Estate Specifications	Yes	Minimum criteria met	
· Appendix A-9 Product Data-Equipment Supply Matrix	Yes	Minimum criteria met	
· Appendix A-10 Plant Performance Guarantee/Warranties (BTA)	Yes	Minimum criteria met	
· Appendix B-1 Notice of Intent to Bid	Yes	1	
· Appendix B-2 Signed Cover Letter without modification	Yes	Minimum criteria met	
· Appendix B-2 Bid Proposal in compliance with the proposal format and requirements outlined in Appendix B-2	Yes	1	
· Appendix B-2 includes proposed site(s) shown on a United States Geological Survey (USGS) 7.5-minute series map	Yes	1	
· Appendix C-2 Bid Summary and Pricing Input Sheet provided without modification, including milestone payment schedule for BTAs	Yes	Minimum criteria met	
· Appendix C-3 3rd Party Energy Performance Report. For wind submittals, one (1) an independent third-party or in-house wind assessment analysis/report supported by a minimum of (a) two years of wind data for BTA proposals from the proposed site or (b) one year of wind data for PPA proposals from the proposed site. Wind data shall support the capacity factor. For solar proposals, one (1) a PVsyst report, including the complete set of modeling input files in Microsoft Excel format that PacifiCorp can use to replicate the performance using PVsyst, PacifiCorp's preferred solar performance model, and two years of solar irradiance satellite data provided by Solargis, SolarAnywhere or on-site met data.	Yes	Minimum criteria met	
· Appendix D Bidder's Credit Information including a clear description of ownership and/or corporate structure, a letter from the entity providing financial assurances stating that it will provide financial assurances on behalf of the bidder	Yes	Minimum criteria met	
· Appendix G-1 Confidentiality Agreement	Yes	Minimum criteria met	
· Appendix J PacifiCorp Transmission Waiver	Yes	1	
· Appendix K General Services Contract-O&M Services (BTA)	Yes	Minimum criteria met	
· Appendix L Non-Price Scorecard has been completed by bidder	Yes	1	
· Appendix P - Equity Questionnaire, including Tabs 1 and 2	Yes	1	
· Appendix S-1 Berkshire Hathaway Energy Cyber Security Attestation	Yes	Minimum criteria met	
· Site Control Documentation	Yes	Minimum criteria met	

· Completed Critical Issues Analysis Report by 3rd Party	Yes	1	
· Completed permits (or applications) including Conditional Use Permit and Conditional Use Permit, evidence of appropriate zoning, or other material permits as required (BTA)	Yes	Minimum criteria met	
· Geotechnical report (BTA)	Yes	Minimum criteria met	
· Environmental studies (endangered species, wetlands, Phase I ESA) (BTA)	Yes	Minimum criteria met	
· Cultural studies (BTA)	Yes	Minimum criteria met	
· Evidence of wire transfer provided prior to bid deadline in the correct amount for the correct number of bids	Yes	Minimum criteria met	
II. Contracting Progress and Viability	Response	Bid Score	Comments
· A contract redline was provided including redline of applicable Exhibits and/or Appendices.	Yes	1	
· A contract issues (or exceptions) list was provided identifying bidder's top priority commercial terms.	Yes	1	
· BTA bidder included an issues (or exceptions) list related to Appendix A technical specifications.	Yes	1	
· Bidder represents redlines and issues lists are based on a lawyer's review of the proforma contract documents.	Yes	1	
· Bidder has the legal authority to enter into a contract for the output of the facility.	Yes	Minimum criteria met	
· Bidder provided fixed and firm pricing for a contract term length between 5 and 30 years.	Yes	1	
· Bidder has offered a dispatchable product.	Yes	1	
· Bidder agrees to PacifiCorp's ability to issue dispatch notices as defined in contract proforma. Bidder will follow Automated Generation Control (AGC) signal and follow a four (4) second signal.	Yes	Minimum criteria met	
· Bidder has demonstrated it can meet the credit security requirements for the resource proposed.	Yes	Minimum criteria met	
· Binding and exclusive site control documentation matches legal site description included in contract redline. Seller will have site control and site access site by contract execution date.	Yes	1	
· Contract redlines are consistent with Appendix C-2 inputs (product, price, term, 8760, capacity factor, depreciation, degradation, storage specifications, BTA milestone payments, etc).	Yes	1	
· BTA bids include list of assets to be transferred to PacifiCorp. Project documents with same legal entity as bidder. Studies, critical issues analysis and material assets may be assigned and relied upon by PacifiCorp.	Yes	1	
· Wind bidder will agree to proforma contract requirement to apply for Eagle Take Permit.	Yes	Minimum criteria met	
· Oregon-sited resources will agree to proforma contract term which requires bidder to provide attestation required in HB2021 or else provide Project Labor Agreement (PLA) to Department of Energy (DOE).	Yes	1	
· Seller will agree to pro forma contract term to comply with Prohibited Vendors provisions.	Yes	Minimum criteria met	
· Seller will agree to pro forma contract term to comply with OFAC Sanctions Lists and Government-Owned Enterprises provisions.	Yes	1	
· Seller will agree to pro forma contract term requiring reporting of local and state workers employed during construction projects, and incident notices when construction contractors commit health and safety environmental infractions.	Yes	1	
· Seller will agree to to comply with Berkshire Hathaway Energy's Cyber Security Requirements, which may include prohibited vendors and compliance with enterprise security requirements as may evolve over the life of the proposed bid term.	Yes	1	
· Seller will agree to pro forma contract term which requires contractor diversity tracking and reporting.	Yes	1	
III. Project Readiness and Deliverability	Response	Bid Score	Comments
· Schedule and supporting documentation include development and construction milestones (major equipment procurement and delivery on site, EPC execution and notice to proceed, interconnection backfeed, mechanical completion) which support the commercial operations date.	Yes	Minimum criteria met	
· Bidder has demonstrated ability to achieve commercial operations by December 31, 2026	Yes	1	
· Bidder has demonstrated conformance with Appendix A-7 Owners Standards and Specifications	Yes	1	
· BTA assets (permits, leases, interconnection agreements, other contracts, resource assessments etc) support commercial operation date, 8760 resource estimates and net capacity factor through operating life.	Yes	1	
· Bidder has experience with (developing, constructing and/or operating) the same technology as being proposed.	Yes	1	
· Bidder has sufficient development experience (prior to construction) for size of project proposed (has completed at least one project 50% of proposed size).	Yes	1	
· With regards to safety, bidder represents it has a total recordable incident (TRI) level equal to or greater than the TRI for their industry as determined by the U.S. Occupational Health and Safety Administration (OSHA).	Yes	1	
· Bidder's Financing Plan demonstrates ability to finance project construction and ongoing operations.	Yes	1	
· Bidder has executed and recorded lease or warranty deed of ownership.	Yes	1	

· Required easements have been identified including project site, site access and any gentie line up to point of interconnection.	Yes	1	
· Required easements have been secured including project site, site access and any gentie line up to point of interconnection.	Yes	1	
· Interconnection study includes an assessment of <u>both</u> Energy Resource Interconnection Service (ERIS) and Network Resource Interconnection Service (NRIS).	Yes	1	
· Bidder has signed LGIA which demonstrates ability to interconnect before proposed commercial operations date.	Yes	1	
· Met stations have been installed - and are functioning - on site.	Yes	1	
· 50% Engineering designs are complete.	Yes	1	
· Proposed equipment is consistent with bid narrative, Appendix C-3 (8760), Appendix A-1 and A-7 Technical Specifications, Appendix A-2 interconnection studies, Appendix A-5 single line drawings and Appendix A-9 equipment supply matrix.	Yes	1	
· Bidder's Supply chain and contracting plans demonstrate ability to secure materials and complete construction, including securing safe harbor equipment, if applicable. Bidder has demonstrated a process to adequately acquire or purchase major equipment (i.e., wind turbines, solar photovoltaic panels, inverters, tracking system, generator step-up transformers, batteries) and other critical long lead time equipment.	Yes	1	
· 1) Major equipment has been procured and 2) Engineering Procurement and Construction (EPC) and/or other balance-of-plant construction contracts agreement have been signed.	Yes	1	
· Critical Issues Analysis has not identified any fatal flaw that would prevent resource from reaching commercial operations by the deadline.	Yes	1	
· Wetlands are either not present or mitigation plans are in place.	Yes	1	
· Endangered species are either not present on site or mitigations plans are in place.	Yes	1	
· One or more year of avian studies are available for proposed wind resources.	Yes	1	
· Cultural resources are either not present or mitigation plans are in place.	Yes	1	
· Site is zoned for proposed use.	Yes	1	
· Permitting is complete (i.e. project is shovel ready).	Yes	1	
· Proposal meets PacifiCorp's supplier diversity goals: https://www.pacificorp.com/suppliers/supplier-diversity.html	Yes	1	
· If located in California, proposal is a renewable generating facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels according to California Office of Environmental Health Hazard Assessment (OEHHA)'s California Communities Environmental Health Screening Tool: CalEnviroScreen 4.0. (https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40)	Yes	1	
· If located in Washington state, facility is located in a highly impacted community or in proximity to a vulnerable population according to Washington State Department of Health's Environmental Public Health Data website and Environmental Health Disparities V 1.1 tool (https://fortress.wa.gov/doh/wtn/WTNIBL/)	Yes	1	
· If located in Washington state, facility has demonstrated how it will provide non-energy benefit consistent with PacifiCorp's customer benefit indicators as provided in PacifiCorp's Clean Energy Implementation Plan (See Exhibit P Equity Questionnaire, Tab 2 - Addnl Questions - WA Bidders)	Yes	1	
· If located in Oregon state, facility meets HB2021 requirements including but not limited to apprenticeship and workforce requirements	Yes	1	
· Proposal is a renewable generating facility or non-emitting resource.	Yes	1	

Tab	Rows or Columns	Description
1	Row 36	Added total employment (hires) of fossil fuel construction workers (number of jobs)
2	Tab Name	Changed to "All bids - WA Customer Impacts"
2	Cell B-3	Added instructions

Appendix P - Equity Questionnaire

Facility proximity to community		
Census tract in which facility is located		
Distance from facility to nearest residential home		miles
Number of residential homes within 1 mile of facility		residences
Number of residential homes within 6 miles of facility		residences
How does this resource serve or otherwise impact vulnerable populations?		
Is your facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels?		
Distance to nearest existing generation sources by fuel source within 6 miles of proposed facility;		miles
Will the proposed facility replace/supplant identified generation sources?		
If "yes," provide estimated reduction in air pollutants/toxics in the community over life of the project/contract due to the facility (when/how much megawatt-hour ("MWh")/year), and avoided emissions released into the community (within 6 miles of the project).		

<https://geocoding.geo.census.gov/geocoder/geographies/address?form>

Yes/No. Provide additional context in Appendix B-2

Population characteristics of community where facility is proposed

To be completed based on census tract in which facility is located (https://data.census.gov/cedsci/advanced)		To be completed using Census Data from the applicable tables:	
Race and ethnicity			
White (%)		% of population white alone	Table: DP05
Black or African American (%)		% of population Black or African American alone	Table: DP05
American Indian and Alaska Native (%)		% of population American Indian and Alaska Native alone	Table: DP05
Asian (%)		% of population Asian alone	Table: DP05
Native Hawaiian and Other Pacific Islander (%)		% of population Native Hawaiian and Other Pacific Islander alone	Table: DP05
Two or More Races (%)		% of population two or more races	Table: DP05
Hispanic or Latino (%)		% of population Hispanic or Latino	Table: DP05
Population 25 years and over with no high school diploma		% of population 25 years and older	Table DP02
Unaffordable housing		% of households spending greater than 30% of income on housing	Table DP04
Population five years and older that speak English less than "very well" and "not at all"		% of people that speak English at home (5 years old or older)	Table B16004
Population with income 185% below poverty		% of total population with income 185% below poverty	Table S1701
Population 16 years and older unemployed		% of population 16 years or older	Table S2301

<https://data.census.gov/cedsci/advanced>

Facility Job Creation	Development (Program or Project)	Construction	Ongoing Operations	
Total hires (number of jobs)				
Will there be an apprenticeship or training program?				
Projected local hires from nearby communities (number of jobs)				
Expected total employment (hires) of fossil fuel construction workers (number of jobs)				
Duration of work (months of construction / years of operation)				Specify unit (hours, days, or months)
Total Recordable Incident (TRI) of Bidder				
Industry Average TRI for type of business (OSHA)				
Bidder agrees to use Veriforce, or equivalent, to report safety				Required for BTA bidders.
Estimate projected economic benefits to the local economy (direct and indirect) (annual \$ from payroll taxes, property taxes, other taxes, services)				
Minority-owned businesses (percentage of contractors and subcontractors)				
Woman-owned businesses (percentage of contractors and subcontractors)				
Service-disabled veteran-owned businesses (percentage of contractors and subcontractors)				
LGBT firms (percentage of contractors and subcontractors)				

Local Impacts		
Is Facility a distributed energy resource?		yes/no
Duration of construction		months
Source of water used during construction		
Source of water used during operations		
Is water a permitted or public source		public/private
Site disturbance - amount of disturbed soil during construction		acres

Tree and pollinator seed re-planting after construction		acres
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	Estimated Amount During		
	Development (Program or Project)	Construction	Ongoing Operations
Pollution Burden			
Environmental Exposures			
Annual amount of greenhouse gas emissions			
Diesel Emission Levels of NOx (tons per year)			
Particulate Matter 2.5 (PM2.5) (tons per year)			
Will the facility be required by the EPA to have a Risk Management Plan (Y/N)			
Estimated number of vehicles on site (daily average)			
Environmental Effects			
Will the facility have a transportation plan? (Y/N)			
Will the facility require a hazardous waste permit (Y/N)			
Will the facility have a dust mitigation plan (Y/N)			
Will the facility require a wastewater discharge permit (Y/N)			
Water use (gallons per year)			
Will the facility request an incidental take permit (Y/N)			

Appendix P Equity Questionnaire - Tab 2
PacifiCorp 2022AS RFP

Please answer the following question as they pertain to how the proposed resource may or may not impact Washington customers. In particular, all bidders are requested to respond to rows 6, 7 and 8 inasmuch as they impact all PacifiCorp customers, including Washington customers. For those responses which are not applicable, please indicate "N/A." Resources located outside of Washington are not required to complete rows 41-65.

Washington CETA - Community Impact Questions	Yes / No	Comment:
Will this resource include an apprenticeship or job training?		
Will this resource increase the amount of renewable energy on PacifiCorp's system?		All bidders to respond to provide impact on PacifiCorp's system, including Washington customers.
Will this resource result in CO2 emissions?		All bidders to respond to provide impact on PacifiCorp's system, including Washington customers.
Will this resource enable grid investments or other infrastructure which result in energy resiliency or energy security?		All bidders to respond to provide impact on PacifiCorp's system, including Washington customers.
Will this resource provide energy benefits to vulnerable populations and highly impacted communities?		
Will this resource provide non-energy benefits to vulnerable populations and highly impacted communities?		
Will this resource reduce the energy burden of vulnerable populations and highly impacted communities?		

Customer Benefit Indicator (CBI) Questionnaire	Yes / No / Other Response	Comment:	Corresponding CBI from CEIP	Corresponding Metric from CEIP
Will the proposed resource consider culturally and linguistically responsive outreach and program communication?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> • Outreach in non-English languages • Percentage of responses to surveys in Spanish
How will the resource sponsor engage in outreach in non-English languages?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> • Outreach in non-English languages • Percentage of responses to surveys in Spanish
Will the proposed resource track percentage of responses to surveys in Spanish?			Culturally and linguistically responsive outreach and program communication	<ul style="list-style-type: none"> • Outreach in non-English languages • Percentage of responses to surveys in Spanish
Will the proposed resource offer workshops on energy related programs?			Community-focused efforts and investments	<ul style="list-style-type: none"> • Workshops on energy related programs • Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage • Number of public charging stations in named communities
What is the expected headcount of staff supporting program delivery in Washington who are woman, minority, or can show disadvantage? (Program delivery as related to energy efficiency programs with exception to low income weatherization).			Community-focused efforts and investments	<ul style="list-style-type: none"> • Workshops on energy related programs • Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage • Number of public charging stations in named communities
What is the number of public charging EV stations in named communities as a result of this proposed resource?			Community-focused efforts and investments	<ul style="list-style-type: none"> • Workshops on energy related programs • Headcount of staff supporting program delivery in Washington who are women, minorities, and/or can show disadvantage • Number of public charging stations in named communities
Will the proposed resource increase participation in company energy and efficiency programs and billing assistance programs?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> • Number of households/businesses, including named communities, who participate in company energy/efficiency programs • Percentage of households that participate in billing assistance programs • Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the expected number of households/businesses, including named communities, who will participate in company energy/efficiency programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> • Number of households/businesses, including named communities, who participate in company energy/efficiency programs • Percentage of households that participate in billing assistance programs • Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the percentage of households that participate will participate in billing assistance programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> • Number of households/businesses, including named communities, who participate in company energy/efficiency programs • Percentage of households that participate in billing assistance programs • Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
What is the number of households/businesses who will participate/enroll in demand response, load management, and behavioral programs as a result of this proposed resource?			Participation in company energy and efficiency programs and billing assistance programs	<ul style="list-style-type: none"> • Number of households/businesses, including named communities, who participate in company energy/efficiency programs • Percentage of households that participate in billing assistance programs • Number of households/businesses who participate/enroll in demand response, load management, and behavioral programs
Will the proposed resource improve the efficiency of housing stock and small businesses, including low-income housing?			Efficiency of housing stock and small businesses, including low-income housing	<ul style="list-style-type: none"> • Number of households and small businesses that participate in company energy/efficiency programs • Energy efficiency expenditures
What is the number of households and small businesses that participate in company energy/efficiency programs as a result of this proposed resource?			Efficiency of housing stock and small businesses, including low-income housing	<ul style="list-style-type: none"> • Number of households and small businesses that participate in company energy/efficiency programs • Energy efficiency expenditures
How many gas to electric conversions for Low-Income Weatherization program are expected as a result of this proposed resource?			Efficiency of housing stock and small businesses, including low-income housing	<ul style="list-style-type: none"> • Number of households and small businesses that participate in company energy/efficiency programs • Energy efficiency expenditures
Will the proposed resource increase the amount of renewable energy resources and reduce emissions?			Renewable energy resources and emissions	<ul style="list-style-type: none"> • Amount of renewables/non-emitting resources serving Washington • Washington allocated greenhouse gas emission from Washington allocated resources
What amount of renewables/non-emitting resources are expected as a result of this proposed resource?			Renewable energy resources and emissions	<ul style="list-style-type: none"> • Amount of renewables/non-emitting resources serving Washington • Washington allocated greenhouse gas emission from Washington allocated resources
What is the expected amount of annual greenhouse gas emission from the proposed resource?			Renewable energy resources and emissions	<ul style="list-style-type: none"> • Amount of renewables/non-emitting resources serving Washington • Washington allocated greenhouse gas emission from Washington allocated resources

Will the proposed resource reduce household energy burden?			Households experiencing high energy burden	Number of customers experiencing high energy burden by: highly impacted communities, vulnerable populations, low-income bill assistance (LIBA) and Low-income Weatherization participants, and other residential customers
How will the proposed resource reduce the number of customers suffering from high energy burden in each of the following groups (highly impacted communities, vulnerable populations, low-income bill assistance (LIBA) and Low-income Weatherization participants, and other residential customers)			Households experiencing high energy burden	Number of customers experiencing high energy burden by: highly impacted communities, vulnerable populations, low-income bill assistance (LIBA) and Low-income Weatherization participants, and other residential customers
Will the proposed resource improve indoor air quality?			Indoor air quality	<ul style="list-style-type: none"> Number of households using wood as primary or secondary heating Non-electric to electric conversions for Low-Income Weatherization program
How will the proposed resource reduce the number of households using wood as primary or secondary heating			Indoor air quality	<ul style="list-style-type: none"> Number of households using wood as primary or secondary heating Non-electric to electric conversions for Low-Income Weatherization program
Will the proposed resource reduce the frequency and duration of energy outages?			Frequency and duration of energy outages	SAIDI, SAIFI, and CAIDI at area level including and excluding major events
How will the proposed resource reduce SAIDI, SAIFI, and CAIDI* at area level including major events?			Frequency and duration of energy outages	SAIDI, SAIFI, and CAIDI at area level including and excluding major events
How will the proposed resource reduce SAIDI, SAIFI, and CAIDI* at area level excluding major events?			Frequency and duration of energy outages	SAIDI, SAIFI, and CAIDI at area level including and excluding major events
Will the proposed resource reduce the expected number of residential customer disconnections?			Residential customer disconnections	Number of residential customer disconnections including disconnections within named communities
How will the proposed resource reduce the number of residential customer disconnections including disconnections within named communities?			Residential customer disconnections	Number of residential customer disconnections including disconnections within named communities

Facilities located in Washington-state must provide scores for each of the following criteria for the proposed location using WA Department of Health website	Rank	
Environmental Health Disparities V 1.1		https://fortress.wa.gov/doh/wtn/WTNIBL/
Environmental Exposures		https://fortress.wa.gov/doh/wtn/WTNIBL/
NOx-Diesel Emissions (Annual Tons/Km2)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Ozone Concentration		https://fortress.wa.gov/doh/wtn/WTNIBL/
PM2.5 Concentration		https://fortress.wa.gov/doh/wtn/WTNIBL/
Populations near Heavy Traffic Roadways		https://fortress.wa.gov/doh/wtn/WTNIBL/
Toxic Releases from Facilities (RSEI Model)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Environmental Effects		https://fortress.wa.gov/doh/wtn/WTNIBL/
Lead Risk From Housing (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Proximity to Hazardous Waste Treatment Storage and Disposal		https://fortress.wa.gov/doh/wtn/WTNIBL/
Proximity to National Priorities List Facilities (Superfund Sites)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Proximity to Risk Management Plan (RMP) Facilities		https://fortress.wa.gov/doh/wtn/WTNIBL/
Wastewater Discharge		https://fortress.wa.gov/doh/wtn/WTNIBL/
Socioeconomic Factors		https://fortress.wa.gov/doh/wtn/WTNIBL/
ACS-Limited English (LEP) (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/
No High School Diploma (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/
People of Color (Race/Ethnicity)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Population Living in Poverty <=185% of Federal Poverty Level (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Transportation Expense		https://fortress.wa.gov/doh/wtn/WTNIBL/
Unaffordable Housing (>30% of Income)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Unemployed (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/
Sensitive Populations		https://fortress.wa.gov/doh/wtn/WTNIBL/
Death from Cardiovascular Disease		https://fortress.wa.gov/doh/wtn/WTNIBL/
Low Birth Weight - Combined (%)		https://fortress.wa.gov/doh/wtn/WTNIBL/

Appendix P Equity Questionnaire - Tab 3

PacifiCorp 2022AS RFP

Clean Energy Bill Questions	Yes/No	Comment:
Is your facility located in a community afflicted with poverty or high unemployment or that suffers from high emission levels?		

California		
Facilities located in California must provide the CalEnviroScreen 3.0 Results score for the proposed location using the California Office of Environmental Health Hazard Assessment website	Rank	
Overall Percentiles		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
CalEnviroScreen 4.0 Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Pollution Burden Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Population Characteristics Percentile		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Exposures		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Ozone		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Particulate Matter 2.5		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Diesel Particulate Matter		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Toxic Releases		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Traffic		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Pesticides		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Drinking Water		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Lead from Housing		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Environmental Effects		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Cleanup Sites		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Groundwater Threats		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Hazardous Waste		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Impaired Waters		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Solid Waste		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Sensitive Populations		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Asthma		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Low Birth Weight		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Cardiovascular Disease		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Socioeconomic Factors		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Education		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Linguistic Isolation		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Poverty		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Unemployment		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40
Housing Burden		https://oehha.ca.gov/calenviroscreen/report/draft-calenviroscreen-40