

2016R Renewable Resource RFP

QUESTIONS AND ANSWERS THROUGH MAY 18, 2016

QUESTION: It is a bit unclear from the RFP document as well as from the bidder's conference whether or not an interconnection agreement or similar documentation, such as studies, are required to be in place in order to bid a project. It seems like it is not required, but clarification would be appreciated.

ANSWER: No it is not a requirement to include an executed interconnection agreement to submit a bid, however project schedule and costs are considerations in the overall bid score, of which interconnection and transmission service are key components in this RFP. Bidders will need to demonstrate timing and firmness of interconnection or transmission service deliverables to achieve a commercial operation date prior to December 31, 2018. Projects that have completed system impact studies or have interconnection agreements executed will be viewed as having a much higher ability to achieve the targeted commercial operation date. In the event Bidders do not have an executed interconnection agreement, Bidders should provide copies of the most recent completed impact and/or facilities studies.

QUESTION: For projects that are outside PACW and that are being submitted as Power Purchase Agreement (PPA) proposals, please provide more information on the details that are required to have the project considered. For example, on projects not currently in operation, is it acceptable to make assumptions regarding wheel and balancing charges to deliver to PACW?

ANSWER: Appendices B and E-1 provides the specific directions and requirements for PPA proposals. Bidders should provide sufficient documentation of firm transmission service arrangements to PacifiCorp's PACW so that PacifiCorp can assess the cost and validity of the arrangements. Documentation can include, for example, executed transmission service agreements, transmission service queue numbers, studies from the third party transmission service provider, etc.

QUESTION: For projects that are outside PACW and that are being submitted as Build Transfer (BT) proposals, does PacifiCorp need wheeling and balancing charge assumptions to assess those projects or will PacifiCorp make its own assumptions for deliver on BT proposals?

ANSWER: Appendices B and E-2 provides the specific directions and requirements for Build Transfer proposals. Bidders should provide sufficient documentation of firm transmission service arrangements to PacifiCorp's PACW so that PacifiCorp can assess the cost and validity of the arrangements. Documentation can include, for example, executed transmission service agreements, transmission service queue numbers, studies from the third party transmission service provider, etc.

QUESTION: Could you please clarify if all projects (even PPAs) would need to be built according to PAC's standards as if PAC would own the project? Please provide a list of these standards if possible.

ANSWER: If a PPA bid includes an asset purchase option, the project must be built to PacifiCorp's technical specifications as outlined in the Build Transfer / APSA documents in the RFP. PPA bids that do not include an asset purchase option do not have to be built to PacifiCorp's standards.

QUESTION: Is it acceptable to offer projects with a COD beyond 2018?

ANSWER: Yes, however timing and COD are considerations in the overall bid score. Documentation of qualifying for the full PTC/ITC will be required.

QUESTION: Can projects be bid as both build-transfer and PPA?

ANSWER: Yes.

QUESTION: Are projects in southwestern Wyoming eligible to participate? Either with or without firm transmission rights?

ANSWER: No, unless Bidder can provide firm transmission service to PacifiCorp's PACW system in the Pacific Northwest (West of the ID-NW, and West of Hatwai cutplanes).

QUESTION: Per RFP Appendix B, Section 2, Bullet #15, please confirm that the performance estimate analysis is only required to be validated by a third party engineer for a wind project and is not required for a solar project as long as PVSYST is utilized for the analysis.

ANSWER: Bidders should use standardized solar and meteorological resource data from a nearby solar monitoring station that has accumulated sufficient data to be established with enough reliability and is representative of the bidder's site. Bidders who have completed a solar performance estimate validation report for financing purposes from a third party engineer should submit that report.

QUESTION: Will PacifiCorp please clarify the preferred form of electronic proposal submittal?

ANSWER: Electronic submittals should include all the same documents as the hardcopy but for those documents in Microsoft Word® or Excel® format, please submit them electronically in an editable format. This allows PacifiCorp to extract information for bid evaluation on a more efficient basis. This is particularly important on electronic spreadsheets.

QUESTION: Is it acceptable to offer projects with a COD beyond 2018, if they begin the construction before 2018 and qualify for the full value of the Federal PTC/ITC?

ANSWER: Yes, however timing and COD are considerations in the overall bid score. Documentation of qualifying for the full PTC/ITC will be required.

QUESTION: Is it acceptable to deliver energy to PacifiCorp's East Balancing Authority Area (PACE)?

ANSWER: No. RFP requires delivery to PacifiCorp's western balancing authority area (PACW) in the Pacific Northwest (West of the ID-NW, and West of Hatwai cutplanes).

QUESTION: Would a bidder workshop be recorded? Would PacifiCorp release the Q&A?

ANSWER: Bidder workshop was not recorded but the slide deck is provided on the RFP website. PacifiCorp has posted all the Q&As as of April 25, 2016.

QUESTION: PacifiCorp identifies the following requirements for 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. What are PacifiCorp requirements for credit providers that are not financial institutions?

ANSWER: Requirements for Guarantors or those providing credit assurances on behalf of the bidder are the same as the bidder's requirements, which are based on Credit Rating as defined in Appendix D. Financial institutions have an additional requirement as noted in the question above.

QUESTION: Our team is preparing workflows for the May 20th Renewable Energy RFP and we're seeing a number of items needing clarification. Would it be possible to connect by phone with our team and the PacifiCorp team this week? We believe we could cover the issues in 30 minutes or so.

ANSWER: In order to ensure consistent responses and to make sure all bidders have access to the same information, please submit your question regarding items requiring clarification in writing.

QUESTION: In the #1 of "SUBMISSION OF BIDS", PacifiCorp asks for a signed original hard copy of each bid, including exhibits from the PPA (Exhibits E-1 and E-2). In the PPA, there are some appendices that overlap with other RFP reqs (e.g. Product Price, monthly deliveries). There may be many other appendices that PacifiCorp may not need until shortlisting. Can PacifiCorp be explicit regarding which appendices are expected to be complete by Seller for the May 20th deadline?

ANSWER: The documents to be provided are identified in Section 4 Request for Proposal Content (RFP 2016R page 10) and RFP Appendix E-1 or RFP Appendix F-1, as applicable to the type of bid being submitted (either a Power Purchase Agreement or Asset Purchase & Sale Agreement).

QUESTION: There are references in the PPA section of the RFP instructions which require a bidder to submit RFP App A-9. Can you please clarify if this attachment is required for a PPA offer which does not offer a buyout option?

ANSWER: Please submit the referenced form.

QUESTION: On the RFP instruction document, page 8-9, it states that "bidders will be required to execute Appendix G – Mutual Confidentiality Agreement after the shortlist is identified and prior to entering into final negotiations." However, on the RFP Appendix E-1 and Appendix F-1, Appendix G is listed as a required document for the submittal of the proposal. Can you please clarify whether or not Appendix G is required for the initial proposal submission?

ANSWER: A signed version of Appendix G should be submitted as part of the bid per Appendix E-1 and F-1 as well as Section 4.

QUESTION: Will PacifiCorp accept any redlines on the confidentiality agreement?

ANSWER: PacifiCorp will accept administrative changes to the confidentiality agreement. Bidders should not that the pro forma form of confidentiality agreement may change before bids are due as well. It is the bidder's responsibility to check the web site to ensure that the bidder is submitting the most current form of confidentiality agreement. If the form of confidentiality agreement changes after the bid due date, the bidder will be required to agree to the revised form of confidentiality agreement to remain under consideration.

QUESTION: Can PacifiCorp please confirm that the purchase option at the end of the PPA term is optional and not required to comply with the RFP?

ANSWER: A purchase option during, or at the end, of the PPA contract term is optional. Bidders are not required to provide a purchase option.

QUESTION: The project size being requested by PacifiCorp is listed as "no aggregate MW cap." Can PacifiCorp provide any guidance or context regarding its preferred project size or the aggregate amount it intends to procure in this RFP?

ANSWER: A specified preferred project size or aggregate amount has not been determined for this RFP.

QUESTION: Could PacifiCorp please clarify what PPA bidders are to provide for Appendix J, QRE contract, as part of our bid submission? Are we to provide the executed agreement or redlines to the agreement?

ANSWER: The QRE agreement must be executed at the time of PPA execution, in the then-current form. The QRE Agreement is a standard form, and the use of the form and its standardization are approved by Public Utility Commission proceeding. The QRE Agreement is not subject to negotiation.

QUESTION: Why such a substantial level of detail is required for a PPA with no buyout? At a level of preliminary design, equipment procurement has not taken place and is very likely to change during detailed design.

ANSWER: The degree to which a Bidder can provide this information is indicative of the level of engineering design and development in the project. We understand that certain elements are preliminary or may be conceptual depending on the stage of development. Please provide the information requested for the equipment and design as currently configured.

QUESTION: Could you please describe what (if any) impact rate-basing network upgrades for interconnections would have in the evaluation in a Build-Transfer (APSA) scenario? That is, do the costs

of the potential costs of interconnection upgrades negatively impact how the project is viewed or the total net cost basis for evaluation (price of energy, time of delivery, location on system, etc.)?

ANSWER: The financial analysis will include the costs of any transmission interconnection costs, including network upgrades, less any applicable refunds available from the transmission function.

QUESTION: If the Wind project is already placed in service, is the independent survey of Wind Analysis report still needed, or would providing the recent two years of generation data suffice?

ANSWER: Please provide the original independent Wind Analysis report as well as the recent two years of meteorological tower wind turbine data and associated energy output.

QUESTION: We would like to bid in a wind project as a standalone bid with one alternative, and the same wind asset as part of a wind-solar bid together with an alternative. Would that be allowed, or would they two forms of the same project be the considered alternative to one another?

ANSWER: Assuming the Bidder is not considering submitting a solar-only project, Bidder should submit two separate proposals, one for the stand-alone wind resource and one for the combined wind and solar resource. In the event the Bidder is considering a stand-alone solar resource, then the Bidder should submit a third stand-alone solar resource.

QUESTION: Would the change of Year starting be a considered a different proposal?

ANSWER: It would be considered an alternative.

QUESTION: For all information that is unique to Wind/Solar, if the bidder is bidding in an alternative resource, will PacifiCorp require that the bidder completely update the document to the alternative resource or can the bidder provide a list of items that it would need to change (bullet point rather than wholesale change the entire document)?

ANSWER: For a renewable resource other than wind or solar, please use the base (either wind or solar) document that most closely approximates the alternative technology and clearly indicate and describe the parameter that has been changed.

QUESTION: As it may be possible for projects with CODs after year-end 2018 to qualify for the PTC at full value (100%), does PacifiCorp still have a preference for projects with CODs prior to December 31, 2018, or would a later COD be preferred as long as the full value of the PTC is captured?

ANSWER: PacifiCorp is requesting projects with COD prior to December 31, 2018 but projects with CODs after December 31, 2018 will be accepted along with documentation showing qualification for full value of PTCs. We recognize IRS rules concerning the PTC deadline were clarified after issuance of the RFP.

QUESTION: Answers provided to related questions in the "Questions and Answers Through May 6, 2016" document suggest that CODs after 2018 will be accepted, but can PacifiCorp please confirm this in light of the language from Section 1 of the 2016R RFP that states: "Proposals must further demonstrate to PacifiCorp's satisfaction, and as determined in its sole discretion, that the proposed project can achieve commercial operation prior to December 31, 2018"?

ANSWER: CODs after December 31, 2018 will be accepted. Documentation of qualifying for the full PTC/ITC will be required.

QUESTION: The RFP mentions that if Credit Rating for the bidder is not available, it will be determined by PacifiCorp through an internal process. Do we need to apply for this process?

ANSWER: You do not need to apply for this process. You will need to provide complete responses to the financial information requested in the RFP, including Appendix D.

QUESTION: As per the RFP requests, we are to submit (1) hard copy and (1) electronic copy of the bid. Please clarify how you would prefer the electronic copy to be provided.

ANSWER: The electronic copy can be provided either through the mailbox, rfp_2016R@pacificorp.com, or on flash drive (portable storage device). If provided via the mailbox, please keep the total file size to less than 20MB.

QUESTION: As per the debt ratings, would it be ok to provide only financial strength of the Bidder or the entity providing the support to the Bidder? Is it a requirement to have a debt rating from S&P, Moody's or D&B? We have never registered to one since we are a privately held corporation.

ANSWER: We will need to determine the financial strength of the bidder unless another entity is providing an approved form of support for the bidder, in which case, we will need to determine the financial strength of the entity providing support. A debt rating from S&P, Moody's or D&B is not a requirement.

QUESTION: As per the Financial Statements requirement, is Notice to Reader acceptable if prepared by one of the big accounting firms (PWC)? Or is it critical to provide Audited Financial Statements?

ANSWER: No, Notice to Reader financial statements are not acceptable. They must be Audited Financial Statements.

QUESTION: Alternative to Original Proposal vs. New Proposal - If the proposed Project for a PPA under this RFP has the potential to be scaled to a larger project, can the first phase come on line prior to 12/31/2018 and the second come on-line post 12/31/2018? We believe we would still qualify for the tax credits in this scenario.

ANSWER: Yes, PacifiCorp would accept a two phased approach however documentation of securing the tax credit for the expansion after 2018 will be necessary.

QUESTION: Firm transmission alternatives - are different paths proposed under an original proposal considered to be alternatives to the original proposal or does an alternative path warrant a new proposal?

ANSWER: Different paths would be considered as an alternative.

QUESTION: Vendor selection for major equipment as requested for Appendix A-9 - the Project to be proposed is evaluating and in discussions with certain qualified vendors. Can the proposal provide all of the "under consideration" vendors?

ANSWER: Yes, however PacifiCorp requests the preferred vendor be identified for our evaluation so that we capture the operating characteristics of the vendor technology.

QUESTION: RFP Appendix B - at the top of Appendix B, the RFP requests certain information regarding "resource attributes". Is it ok to describe the attributes at the top of the Proposal before Section 1 begins with the Executive Summary? Is this where PacifiCorp would like to see this information?

ANSWER: That is fine but please provide a reference to the attributes in Appendix B.

QUESTION: Geothermal resource - Does PacifiCorp consider geothermal resource "certainty" only if it is 100% "drilled out" or would PacifiCorp take resource confirmation through "most" drilling completed and resource studies affirming the availability of the rest of the resources?

ANSWER: For the short-list selection, PacifiCorp will accept most drilled completed and studies confirm rest of resources. Final selection may require additional documentation.

QUESTION: Attachment A-9 (for wind and solar) indicates that we need "data sheets" for all possible equipment, we are uncertain if you need similar "data sheets" for a geothermal project?

ANSWER: Yes.

QUESTION: Attachment E-2 PPA terms are for a wind and solar only. Can we accept terms based of proposed contracts but with idea that we would change to fit a geothermal project?

ANSWER: Yes, PacifiCorp recognizes that the PPA terms do not accurately capture operating and performance characteristics around a base load resource. Our request is for you to use the wind template and identify the terms that would need to be modified for the baseload operating characteristics.

QUESTION: Can you please clarify if the hard copy needs to be delivered by 5/20/2016 5pm PPT or if the postmark needs to be before the deadline?

ANSWER: Both hard copy and electronic copy have to arrive by 5PM PPT on Friday, May 20, 2016.

QUESTION: Would you accept electrical version submitted before 5/20/2016 5pm PPT but hard copy delivered later (perhaps within a day)?

ANSWER: No. Both have to arrive as noted above.

QUESTION: Would you accept mails delivered by courier or just from U.S. Postal Service?

ANSWER: Yes. If by courier, you can have them brought to the 6th floor and delivered to Bruce Griswold – Floor is a secured floor so they can phone 503-813-5218.

QUESTION: In order and prior to providing detailed financial information, we would like to enter into an NDA with PacifiCorp (in addition to the mutual confidentiality agreement). Is this possible? If so please describe who to contact. We would/can provide the pro forma agreement.

ANSWER: PacifiCorp will not be executing separate NDAs for financial information. PacifiCorp is willing to sign the Appendix G NDA before you submit your bid on May 20.

QUESTION: In regards to the QRE agreement that is required for the bid. For an asset already in service can we submit the prior QRE agreement that is already in place (from 2009)?

ANSWER: Yes.

QUESTION: Do we have to provide a Form of Guaranty Commitment Letter and a Form of letter of Credit commitment letter at this point or is this required if we are shortlisted only? It is a little bit confusing since section B request the following:

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

Is this referring to the Form of Guaranty Commitment Letter?

ANSWER: Only the form of Guaranty Commitment for initial bid.

QUESTION: Can you please explain what is meant by the following cells in Appendix H:

1. Cell D16: does telemetering only apply if the resource is being wheeled to PacifiCorp over another system? Does it not apply if interconnection is made directly to PacifiCorp's transmission system

ANSWER: Telemetry is needed for both on system and off system deliveries to be able to see the generator output regardless of it is on our system or not. It is a requirement under EIM as well as allowing us to see the generator.

2. Cell D22: what does "unit contingent" mean?

ANSWER: Unit contingent means that the energy is contingent on the generator operating. Most generators are unit-contingent unless they are supplying reserves to support the delivery.

3. Cell D23: what is WSPP Schedule C Firm Scheduled Delivery?

ANSWER: Schedule C is a defined product under the WSPP agreement. It is a scheduled firm delivery of capacity and energy from seller to buyer. The attached link provides access to the

WSPP agreement with additional information on Schedule C.
http://www.wspp.org/documents_agreement.php

4. Cell D158/159: what royalty is referred to here?

ANSWER: We have seen some renewable projects provide a royalty payment to an investor who has managed and paid for land control. These are costs to the project that PacifiCorp wants to capture in its evaluation.

QUESTION: Do you still require a pro forma when we are using the APSA option?

ANSWER: Yes

QUESTION: How are we supposed to do a pro forma when there is no revenue involved? Should we just show the pro-forma up to the COD date/purchase date?

ANSWER: The revenue would be a market price contract.

QUESTION: Is there a possibility of sending you the SIS report on Monday 5/24 along with any price refresher given these extraordinary circumstances?

ANSWER: That would be acceptable.

QUESTION: Is there a possibility of sending you the SIS report on Monday 5/24 along with any price refresher given these extraordinary circumstances?

ANSWER: That would be acceptable.

QUESTION: Would delivery to John Day 500 be acceptable as delivery to PACW?

ANSWER: No, John Day 500 is not an acceptable delivery point

QUESTION: Would Midway 230 or McNary 230 be acceptable as POD from BPAT into PACW? Is either of these preferred over the other?

ANSWER: Midway 230 and McNary 230 are both BPA – PacifiCorp interconnection points, among others. Specific POR – POD combinations across BPA’s system encounter different flowgate / path constraints, so the bidder should consider various delivery points and the associated transmission availability of PODs in selection of a POD (or PODs).

QUESTION: Is PACW connected to Big Eddy? If so, would Big Eddy as POD be acceptable?

ANSWER: PACW is not connected to Big Eddy

QUESTION: We would appreciate answers to the following questions:

01.01 PacifiCorp Substation Specifications

EMA is not listed as an approved manufacturer for 34.5 kV breakers. Please confirm that we may add EMA to the list of approved manufacturers of 34.5 kV breakers

ANSWER: EMA is not currently approved for supply of 34.5 kV breakers to PacifiCorp transmission and distribution systems.

Bidders may submit a bid including EMA. Bids that include EMA breakers must include a cost deduct for selection of EMA as the breaker manufacturer, cut sheets and references. (RFP Appendix A.3.5 – Section 2.6.6)

01.02 PacifiCorp Substation Specifications

Trachte is the only building supplier for substation control buildings. Please add other reputable manufacturers (such as SEL, Keystone, et. al.) to the list of approved building manufacturers.

ANSWER: The transmission and distribution function of PacifiCorp uses a standardized substation control building based on a Trachte supplied building. Other building suppliers are not currently approved for substation control buildings. (RFP Appendix A.3.4 – Section 2.6.17)

01.03 PacifiCorp Substation Specifications

The list of approved panel vendors is limited to Gexpro and Codale. Please add Keystone, SEL, and EP2 to the approved list of panel vendors.

ANSWER: Gexpro, Codale and SEL are added to the approved list of panel vendors. The specification will be adjusted accordingly. (RFP Appendix A.3.4 – Section 2.6.18)

01.04 PacifiCorp Substation Specifications

Can we get NEI (NEI Electric Power Engineering, Inc.) added to the list of approved engineering subcontractors please?

ANSWER: Design of the substations and transmission lines require current experience with PacifiCorp standards, specifications and practices. Substation and transmission line design engineering firms must be approved by PacifiCorp transmission and distribution function. NEI Electric Power Engineering, Inc. does not meet these criteria. (RFP Appendix A.3.4 – Section 2.6.22 and APSA Appendix C (Wind) Approved Subcontractors)

01.05 Appendix A.3.4 – 3.1.6

Paint thickness of 5 millimeters is specified. Please confirm this should read “5 mils” instead.

ANSWER: Confirmed. Appendix A.3.4, Section 3.1.6 should read “The total coating shall be a minimum of five (5) mils dry. The specification will be adjusted accordingly.

01.06 PacifiCorp Substation Specifications

Specs require provisions in the circuit breaker control cabinets to mount protective relays. The industry is moving away from this practice due to extreme safety and arc flash hazards. Please confirm that protective relays may be mounted on control relay panels in the control building. (Section 3.8.7)

ANSWER: Provision for future installation of protective relays shall be made in the circuit breaker control cabinet. Protective relays for this project shall be installed in the substation control

building. (RFP Appendix A.1 – Section 6.3.5) (ARP Appendix A.3.4 – Section 3.8.8, Section 3.23.1, Section 3.24.3 and Section 3.5.1)

01.07 Appendix A.3.4 – 3.1.6

SES CDEGS is the specified grounding system software. This is expensive software that most engineering companies do not use. Please confirm / approve other reputable software packages will be allowed.

ANSWER: Confirmed. The ground grid shall be designed in accordance with IEEE 80 and using SES-CDEGS software. (RFP Appendix A.3.4 – Section 3.15.2)

01.08 Appendix A.3.4 – 3.1.6

Grid potential rise to be less than 300V. This is not feasible. Please revise this requirement.

ANSWER: The feasibility of achieving the specified potential rise is a function of several variables. The requirement will not be changed at this time and the contractor should plan accordingly. When specific information regarding a selected project is known this requirement may be reevaluated. If the specification is adjusted the Contractor prepared grounding study shall ensure that the ground grid design maintains tolerable limits for touch and step voltages for the calculated ground potential rise. (RFP Appendix A.3.4 – Section 3.15.6)

01.09 PacifiCorp Substation Specifications

The station service transformer is specified to be SINGLE PHASE, however the lighting panel is specified to be THREE PHASE. Which is correct?

ANSWER: The minimum station service transformer shall be a single phase transformer. A three phase station service supplied by a three phase four wire main panel may be supplied by a three phase station service transformer depending on the loads served. The specification will be adjusted to reflect this clarification.

As specified in RFP Appendix A.3.4, Section 3.17.2, single-phase lighting is acceptable. (RFP Appendix A.3.4 – Section 3.7 and Section 3.17.2)

01.10 (Not provided)

Specification requires all batteries to have a 30-year life. Please provide a list of manufacturers that make batteries with a 30-year life span (we know of none).

ANSWER: The minimum of the batteries shall be 20 years. The specification will be adjusted accordingly. (Appendix A.3.4 – Section 3.21.4 (5) and Section 3.21.5)

01.11 Appendix A.3.4 – 3.23.3

Metering is required at each turbine? Please confirm as this represents a significant cost adder.

ANSWER: Confirmed. Metering is required for each wind turbine. The metering will not be required to be revenue grade. Some wind turbine manufacturers provide individual wind turbine metering in the turbine control system. Individual metering is required to meet federal reporting requirements.

01.12 PacifiCorp Transmission Line Specifications

Only four engineering contractors are approved for the t-line. Contractor has complete in-house transmission line engineering services and would like to be added to the list of approved engineering contractors for same.

ANSWER: Design of the substations and transmission lines require current experience with PacifiCorp standards, specifications and practices. Substation and transmission line design engineering firms must be approved by PacifiCorp transmission and distribution function. The substation and transmission line consultants shown in RFP Appendix A.3.4 – Section 2.6.22 and APSA Appendix C (Wind) Approved Subcontractors are the only substation and transmission line consultants that meet the criteria.

01.13 PacifiCorp MV Collection Specifications

Prysmian is the only listed approved cable supplier. Please confirm other equally reputable cable suppliers are approved (e.g. Southwire, General Cable, Synergy, AWG, et. al.)

ANSWER: Southwire, General Cable are approved. The specification will be adjusted accordingly. (RFP Appendix A.3.5 – Section 2.6.2)

01.14 Appendix A.3. – 3.1.2

“The collection system circuits shall be designed and constructed to a high level of reliability.” Please define what “high level of reliability” means in [preferably] concrete, objective terms.

ANSWER: Understanding utility level reliability requirements is incumbent upon the bidders. If a bidder is not clear on these requirements the bidder needs to research utility service requirements. If a successful bidder prefers, guaranteed equivalent forced outage rate, planned outage rate, equivalent availability and other reliability indicators can be negotiated and included in the contract. (RFP Appendix A.3.5 – Section 3.1.2)

01.15 Appendix A.3. – 3.3.16

MV Cables are normally rated at 200 BIL while rubber goods are normally rated at 150 BIL. 200 BIL-rated rubber goods would add significant cost and are not the industry norm. Please confirm that 150 BIL rated rubber goods are allowed.

ANSWER: RFP Appendix A.3.5, Section 3.3.1 allows either tree resistant cross linked polyethylene (TRXLP) or ethylene propylene rubber (EPR) insulation. Medium-voltage power cables with these types of insulation are available with 200kV Basic Impulse Levels. 200kV BIL is typical for a system voltage of 35kV. (RFP Appendix A.3.5 – Section 3.3.16)

002.03

The 2016 document "RFP_App_A_Wind_Technical_Specifications.pdf" in Section 3.12.9 also states that guys and guy anchors shall be within existing easements but then section 3.12.11 it states “All angle and dead-end structures shall be of a self-supporting design.” Please clarify

ANSWER: Guys for turning and dead-end are acceptable. The specification will be adjusted accordingly. (RFP Appendix A.3.2 – Section 3.12.9 and Section 3.12.11)