



## RFP QUESTIONS & ANSWERS SUMMARY PART 1

### RFP # PGE01-GID05-SH-005 - Transmission Line Owner's Engineer Services for the Warm Springs Power Pathway Project

RFP QUESTIONS			RFP ANSWERS		
#	Supplier Questions	Question Date	PGE Answers	Answer Date	RFP Update Required (Y/N)
1	Does PGE have existing equipment details available at the demarcation points to help ensure proper fiber breakout selection, particularly considering the preference for a 192-fiber OPGW?	6/30/2025	PGE has equipment details for ADSS fiber cables that can be provided to the successful Offeror after contract award. PGE does not currently have equipment details for an OPGW cable. The OPGW cable will need to be selected/designed during the Project. Note that PGE prefers one or two 96 OPGW, not a single 192 OPGW cable.	7/11/2025	N
2	Does PGE intend to install two separate 96-fiber OPGW cables? If so, will both terminate at the same demarcation point within the substation?	6/30/2025	Yes. PGE intends to terminate the two separate 96-fiber OPGW cables at the same vaults outside the substation fence, serving as the demarcation point.	7/11/2025	N
3	Will PGE provide the vault details or layout for coordination with conduit routing and fiber breakout design? If so, when?	6/30/2025	PGE will provide the successful Offeror with standards and specifications for fiber design after contract award. Routing, breakout, and the overall fiber design will be developed by the Owner's Engineer. In general, PGE is expecting conduits from the control house in each substation to a fiber vault outside the substation fence for each fiber cable. A second PGE owned customer vault will be utilized for a demarcation point for non-PGE fiber access on each fiber route.	7/11/2025	N
4	Does PGE anticipate significant route adjustments or is the corridor largely fixed?	6/30/2025	For the base scope, PGE anticipates no route adjustments. For the optional adder scope, PGE believes that there is potential for route adjustments on the second single 500 kV circuit, but those route adjustments are currently not clearly defined. Both the base and the optional adder scopes will follow the corridor, however exact structure locations could vary. Any potential alternatives will be discussed with the Owner's Engineer as they become known.	7/11/2025	N

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5	Will the Owner's Engineer be expected to directly support coordination with CTWS, USFS, or BLM? If so, what level of involvement is anticipated (e.g., documentation, meetings, technical exhibits)?	6/30/2025	The Owner's Engineer is expected to support all discussions with external stakeholders by sharing technical details and providing sketches or exhibits as necessary. The Owner's Engineer is not expected to coordinate or record these external stakeholders meetings.	7/11/2025	N
6	Does PGE require any specific credentials or badging to access ex r/w corridor and/or facilities?	6/30/2025	For right-of-way access, no credentials or badging is required. To enter PGE facilities, escorting and badging is required. These requirements will be communicated with the successful Offeror.	7/11/2025	N
7	In the KMZ file, the 230kV line (colored blue) at the Lambert Substation is designated for ADSS and the 500kV line (colored red) for OPGW. Since these two fiber paths will need to be merged, can you confirm whether the integration of ADSS and OPGW fiber at the demarcation or another location is included in the scope of this project?	6/30/2025	Lambert Substation will have separate demarcation vaults for the ADSS fiber towards Bethel and OPGW towards Mt View. The demarcation of both cable types in separate vaults is included in the scope of this project.	7/11/2025	N
8	Will CTWS hire their own Owner's Engineer?	6/30/2025	No. PGE and CTWS will both work collaboratively with the successful Offeror on this Project.	7/11/2025	N
9	Will a list of lab tests be required for geotechnical studies and investigation?	6/30/2025	PGE expects the Owner's Engineer to provide a list of lab tests for geotechnical studies during the design phase and prior to performing geotechnical activities.	7/11/2025	N
10	Will the selected Contractor be responsible for geotechnical studies and investigation?	6/30/2025	Yes.	7/11/2025	N
11	Will PGE provide the Offerors with geotechnical specifications?	6/30/2025	PGE will provide only the successful Offeror with geotechnical specifications for their information only after contract award.	7/11/2025	N
12	Should the Offeror assume the same ROW width?	6/30/2025	No, please see section 4.9 of the SOW on page 22 of the RFP for details on specific ROW widths.	7/11/2025	N
13	Is a separate 500 kV construction package required for the optional adder?	6/30/2025	No. If the optional adder is included at contract award, the 500 kV construction package will contain both Lambert-Mt View #1 and #2 500 kV circuits. PGE expects the Owner's Engineer to follow	7/11/2025	N

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			standard industry procedure and create circuit specific drawings as appropriate. For example: separate Plan and Profile drawings for each 500 kV circuit.		
14	Could the selected contractor also propose on the future EPC RFP?	6/30/2025	No, the selected contractor will not be permitted to propose on the future EPC contract.	7/11/2025	N
15	What are the outage requirements for the existing line?	6/30/2025	Currently, PGE is unaware of any outage requirements of the existing line. If outage requirements are determined to be necessary, a change order might be issued.	7/11/2025	N
16	Does PGE require prices for all items in the Statement of Work ("SOW") that'll be further detailed in Attachment I – Task Order Assignment?	6/30/2025	Yes. PGE requires Offerors to include prices for all items listed in the SOW, irrespective of whether or not those items will be further defined at a later date.	7/11/2025	N
17	As per section 4.1 of the SOW on page 20 of the RFP, could you please explain what "Tribal Compliance support" entails?	6/30/2025	Tribal Compliance support refers to typical support of permitting activities on Tribal lands. Support activities may include exhibits, correspondence, meetings, and other tasks described in section 4.12 of the SOW.	7/11/2025	N
18	Will this project require federal certified survey over any federal interest or trust lands?	6/30/2025	PGE and CTWS is currently assuming that no federal certified survey is required. As the Project progresses further in design, this requirement will be reviewed more in-depth, and if it is determined that a federal certified survey is required, then a change order might be issued.	7/11/2025	N
19	What's PGE's expectations of the Owner's Engineer for determining environmental constraints? Will PGE provide the Owner's Engineer with those constraints?	6/30/2025	The Owner's Engineer will not need to determine environmental constraints, but they must adhere to those constraints while designing the circuits. The Owner's Engineer must regularly communicate with PGE, and occasionally the selected permitting contractor in order to be aware of, and familiar with those constraints.	7/11/2025	N
20	Will PGE consider other conductor types?	6/30/2025	Yes.	7/11/2025	N

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21	Does PGE require that the Owner’s Engineer review hardware testing procedures?	6/30/2025	No. However, the Owner’s Engineer will support validating vendors as necessary for long lead time material. That validation process will include qualifying and collaborating with vendors per section 4.16.3 of the SOW.	7/11/2025	N																														
22	As per section 4.6.3 of the SOW, the objective is to align with Bonneville Power Administration’s (“BPA”) 248 series lattice tower configuration. Is this an absolute and non-negotiable requirement?	6/30/2025	No, this is negotiable. While PGE’s goal is to align with BPA’s 248 series lattice tower configuration, the Owner’s Engineer might be able to modify the drawings, if such modification is efficient and cost-effective.	7/11/2025	N																														
23	The SOW specifies a project schedule in Section 10 on page 34 of the RFP. Can this schedule be accelerated?	6/30/2025	No. The schedule is setup to align with the permitting schedule.	7/11/2025	N																														
24	Will the Owner’s Engineer be responsible for testing insulator assembly hardware?	6/30/2025	No.	7/11/2025	N																														
25	Could we obtain a high-level summary of BPA’s 248 series lattice tower configurations (e.g. angle ranges, design parameters, etc.)?	6/30/2025	<div>248 Series Lattice Tower Family</div> <div>Conductor: 3B ACSR/TW Deschutes, MWT 51,000 lbs. @ 1/2" ice, 8psf wind, 0°F</div> <div>Shieldwire: 1/2" EHS Steel, MWT = 9,500 lbs. @ 1/2" ice, 8psf wind, 0°F</div> <table><tr><th>Type</th><th>Description</th><th>Line Angle (°)</th><th>Design Vertical Span (ft)*</th><th>Design Transverse Span (ft)*</th></tr><tr><td>248M</td><td>Light Tangent Suspension</td><td>0</td><td>1600</td><td>1150</td></tr><tr><td>248A</td><td>Standard Tangent Suspension</td><td>0 - 3</td><td>2000</td><td>1150</td></tr><tr><td>248B</td><td>Heavy Tangent Suspension</td><td>0 - 6</td><td>3000</td><td>2000</td></tr><tr><td>248D</td><td>Deadend</td><td>0 - 60</td><td>4000</td><td>2000</td></tr><tr><td>248G</td><td>Heavy Angle Deadend</td><td>60 - 90</td><td>4000</td><td>2000</td></tr></table> <div>* 1/2" ice zones only</div>	Type	Description	Line Angle (°)	Design Vertical Span (ft)*	Design Transverse Span (ft)*	248M	Light Tangent Suspension	0	1600	1150	248A	Standard Tangent Suspension	0 - 3	2000	1150	248B	Heavy Tangent Suspension	0 - 6	3000	2000	248D	Deadend	0 - 60	4000	2000	248G	Heavy Angle Deadend	60 - 90	4000	2000	7/11/2025	N
Type	Description	Line Angle (°)	Design Vertical Span (ft)*	Design Transverse Span (ft)*																															
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26	Could PGE provide design layouts of the Lambert and Mountain View substations?	6/30/2025	No, PGE cannot provide design layouts of the substation during the RFP process. After contract award, PGE will provide preliminary layouts to the selected Offeror.	7/11/2025	N																														
27	Will site visits be required beyond those specified in the SOW?	6/30/2025	The SOW specifies the minimum number of site visits required in Section 4.17, listed as “Field Review”. Offerors are welcome to propose additional site visits, if necessary.	7/11/2025	N																														
28	In the updated KMZ attached to the RFP, do the deadend locations indicate cascading failure containment structures?	6/30/2025	No, the deadend locations are called out in the updated KMZ to provide more information of the existing Bethel-Round Butte 230 kV transmission	7/11/2025	N																														

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			line. They do not indicate cascading failure containment structures.		
29	<p>Page 19 of the SOW says, "Part of the work will be fixed price and part of the work will be performed on a Time and Materials ("T&amp;M") basis."</p> <p>Could you clarify what type of contract this will be (i.e. fixed price, T&amp;M, milestone, etc.)?</p> <p>Will PGE pay the Contractor upon completion of a milestone or on a monthly basis?</p>	6/30/2025	<p>The Contractor shall invoice PGE on a monthly basis for tasks and deliverables identified in the SOW.</p> <p>The Offeror must provide and commit to the total price at bid closing for each line item in <i>Annex B - Basis of Payment</i>.</p> <p>The following tasks <b>may</b> be further detailed in Attachment I - Task Order Assignment:</p> <ul style="list-style-type: none"> <li>• Section 4.4 Design Criteria Memorandums</li> <li>• Section 4.5 Insulator Assembly Design</li> <li>• Section 4.6 Structure Geometry Design</li> <li>• Section 4.8 500kV Conductor Selection Study</li> <li>• Section 4.9 Structure Spotting and ROW Analysis</li> <li>• Section 4.10 Transmission Line Design</li> <li>• Section 4.11 Access Roads and Civil Engineering</li> <li>• Section 4.14 Foundation Design</li> <li>• Section 4.15 Construction Packages</li> <li>• Section 4.16 Order Long Lead Time Material</li> <li>• Section 4.18 EPC Cost &amp; Schedule Estimate</li> <li>• Section 4.19 EPC RFP Preparation and Bid Evaluation Support</li> <li>• Section 4.20 EPC Design Review and Construction Support</li> </ul> <p>The following tasks <b>will</b> be further detailed in Attachment I - Task Order Assignment:</p> <ul style="list-style-type: none"> <li>• The fiber selection study in 4.3 of the SOW</li> <li>• LiDAR in PLS-CADD in 4.10.1 (d) of the SOW</li> <li>• Permit support in 4.12</li> </ul>	7/11/2025	Y

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			<ul style="list-style-type: none"> <li>Geotechnical studies and investigation in 4.13</li> </ul> <p>Please see <i>RFP Amendment #1</i> for this change.</p>		
30	Could PGE change the transmission line design milestones from 5%, 10%, 30%, 60%, 90%, and post-90% to 30%, 60%, 90%, and post-90%?	6/30/2025	No. PGE requires that the design milestones be split into 5%, 10%, 30%, 60%, 90%, and post-90% instead of 30%, 60%, 90%, and post-90%, in order to allow for focused reviews earlier in the design process, better coordination, alignment, and efficiency across the Project team.	7/11/2025	N
31	Could you clarify whether the potential design options may include both (a) <b>and</b> (b) in section 4.3.1 of the SOW on page 20 of the RFP, or (a) <b>or</b> (b)?	6/30/2025	<p>Potential design options may include:</p> <ul style="list-style-type: none"> <li>a. For the 500 kV corridor: <ul style="list-style-type: none"> <li>One (1) or two (2) overhead static wires designed as Optical Ground Wire ("OPGW"); <b>and</b></li> </ul> </li> <li>b. the 230 kV corridor: <ul style="list-style-type: none"> <li>One (1) or two (2) cables of 144-count ADSS.</li> </ul> </li> </ul>	7/11/2025	Y
32	The current due date for Offeror questions and requests for clarification is August 8, 2025. Could PGE make the questions and requests for clarification due earlier?	6/30/2025	<p>Yes. The new due date for Offeror questions and requests for clarification is July 25, 2025, and the new due date for PGE to respond to Offeror questions is August 1, 2025.</p> <p>Please see <i>RFP Amendment #1</i> for this change.</p>	7/11/2025	Y
33	For criteria numbers P1 and P3 in <i>Annex D – Point-Rated Evaluation Criteria</i> on pages 45 and 46 of the RFP, if the projects that showcase experience that is the most applicable to the scope of services being sought after in this RFP include projects of 138 kV or 345 kV voltage levels, can they be included in our responses?	7/3/2025	Yes, those projects can be included in the offeror's responses. But since they're less than PGE's 230 kV and 500 kV requirements, respectively, they might be scored lower by the proposal evaluators.	7/11/2025	N
34	Given that the Warm Springs Power Pathway Project is funded through a U.S. Department of Energy ("DOE") GRIP grant, can PGE clarify	7/3/2025	The federal government has strict regulations around foreign national participation and must	7/11/2025	N

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	whether the use of offshore personnel or foreign national employees is permitted for any portion of the engineering, design, or support services described in the Statement of Work? If permitted, are there any specific restrictions, security clearance requirements, or data handling protocols that must be followed?		approve any work to be performed by foreign nationals. Since the approval and documentation process could take significant effort and time, please assume no foreign participation will be permitted.		
35	To have all offerors be closer to the same cost basis for geotechnical investigation, does PGE have a standard boring length with both soil drilling and rock coring plus associated lab testing?	7/7/2025	No, this project does not currently have geotechnical investigation boring standards or specifications defined. The Owner's Engineer will establish these parameters during the design process.	7/11/2025	N
36	We noticed that in the "RFP and Contract Award Timeline" on page 13 of the RFP, there is a gap of approximately 6 weeks between 'contract negotiations complete' and 'finalize contract and award'. Could PGE please explain the drivers for that timing gap?	7/7/2025	This gap is used for the appropriate contract approvals to be made.	7/11/2025	N
37	Long lead items look to be identified in the scope, but is the Owner's Engineer also responsible for a comprehensive Bill of Material (BOM) for the entire alignment? BOM to include insulator hardware, fiber hardware, etc.	7/7/2025	Yes, the Bill of Material included in the Construction Package shall be comprehensive and include all material necessary to construct the transmission lines. However, PGE identified critical long lead time materials in the SOW that will require specific support from the Owner's Engineer.	7/11/2025	N
38	Should we price the proposal in 2025 dollars for the activities that extend over the 5-year term?	7/7/2025	Expected increases due to inflation must be built into the prices quoted for each of the years 2025-2032 in the 'Annual Spread Pricing' tab within the Annex B - Basis of Payment Excel document.	7/11/2025	N
39	What is PGE's timeline for milestone review approvals?	7/7/2025	Please refer to the deliverables and acceptance criteria in Section 9 of the SOW on pages 31-32 of the RFP. This acceptance criteria will apply equally to milestones. However, PGE might need more time for large milestones.	7/11/2025	N

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			If PGE needs more than 10 days to either accept or reject a deliverable and this extension of time negatively impacts the Contractor's ability to complete another deliverable, then the Contractor shall be entitled to request a reasonable extension of the deadline for such deliverable.		