



RFP QUESTIONS & ANSWERS SUMMARY PART 2

RFP # PGE01-GID05-SH-017 - Substation Owner's Engineer Services for the Warm Springs Power Pathway Project

RFP QUESTIONS			RFP ANSWERS		
#	Supplier Question	Question Date	PGE Responses	Answer Date	RFP or SOW Update Required (Y/N)
2	For subcontractor labor, will PGE permit individual billing rates by subcontractor and labor category, or will each subcontractor be required to use a single blended billing rate?	9/15/2026	For the T&M tasks identified in Table 2, Offerors shall provide one all-inclusive blended hourly rate for each task and contract term. For milestone pricing, Offerors may use labor categories and other cost components in the Milestone Cost Breakdown worksheet as provided therein.	9/23/2026	No
3	Section 6.11.1 of the SOW states that the Contractor shall coordinate with PGE's Transmission Line OE. Can PGE identify the Transmission Line OE is for this project?	9/15/2026	PGE's Transmission Line Owner's Engineer (OE) for this Project is Leidos Engineering, LLC.	9/23/2026	No
4	Section 6.11.1 requires transmission line getaway configurations, routing layouts, and Cable sizing calculations to be submitted at both the 10% and 30% Design Milestones. However, Sections 6.17 and 13.1 identify Deliverable 6a only under the 30% Design Milestone. Please confirm whether these transmission line deliverables are required for both the 10% and 30% milestones and whether the effort associated with the 10% milestones is included in the 30% milestone payment.	9/15/2026	Yes, the transmission line getaway configurations, routing layouts, and cable sizing calculations are required at both the 10% and 30% Design Milestones. The intent of the 10% submittal is to provide the Transmission OE with the preliminary getaway configurations, routing layouts, and cable sizing calculations for review. The 30% resubmittal is intended to address comments received during the 10% review and finalize coordination between the Transmission and Substation OEs. As stated in Section 6.11.1.4 of the SOW, all coordination activities associated with these deliverables are included in the 30% Design Milestone payment. Accordingly, the effort associated with the 10% milestone is considered part of the overall work compensated under the 30% Design Milestone payment and is not a separately paid deliverable.	9/23/2026	Yes

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5	Section 6.21 of the SOW requires review of EPC 60%, 90%, and IFC design submittals, while Section 7.1.4 of the SOW excludes transmission line engineering and design except for the interface activities identified in Sections 6.11.1 and 6.11.2. Please clarify whether the Contractor is expected to perform transmission-line-related reviews after the 30% Design Milestone. If so, are those reviews limited to the transmission line/substation interfaces, or do they include broader transmission line design deliverables?	9/15/2026	Yes, the Contractor is expected to perform transmission-line-related reviews after the 30% Design Milestone. However, those reviews are limited to the transmission line/substation interfaces identified in Sections 6.11.1 and 6.11.2 and do not include broader transmission line engineering or design deliverables. The intent of the reviews at the 60%, 90%, and IFC design stages is to confirm that any changes made to the transmission line design after the 30% milestone have been appropriately coordinated at the transmission line/substation interfaces. Other than validating interface impacts and coordination, the scope of these reviews is expected to be minimal.	9/23/2026	Yes
6	Please clarify the physical limits of the transmission line getaway coordination scope described in Section 6.11.1. Is the Contractor's responsibility limited to the substation interface through the station dead-end/termination point, or is the Contractor also expected to perform design or analysis of transmission structures, spans, or facilities beyond the substation fence?	9/15/2026	The Contractor's responsibility for transmission line getaway coordination is limited to the substation interface through the station dead-end/termination point. Coordination is required with the Transmission OE to confirm the phasing, cabling, tension, and related interface design parameters for all incoming transmission lines. The Contractor is not responsible for the engineering, design, or analysis of transmission line structures, line spans, conductors, line ratings, structure loading, or other transmission facilities beyond the station dead-end/termination point or outside the defined substation interface scope. Design responsibility for those facilities remains with the Transmission Owner's Engineer.	9/23/2026	Yes
7	Please confirm the number of transmission line getaway interfaces to be developed under the Section 6.11.1 Base Scope for the Lambert and Mountain View substations, including the voltage level and associated transmission line for each interface.	9/15/2026	For the Base Scope under Section 6.11.1, the Lambert Substation includes three (3) transmission line getaway interfaces consisting of one (1) 500 kV transmission line getaway and two (2) 230 kV transmission line getaways. The Mountain View Substation includes four (4) transmission line getaway interfaces as shown in Attachment #1 to the SOW. The associated transmission line names and interface locations are identified in Attachment #1 to the SOW.	9/23/2026	No

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			Only the facilities shown in black on Attachment #1 are included in the Base Scope; facilities shown in blue are identified as future development and are excluded from the Base Scope. While the transmission line designs have not yet been developed, the applicable transmission line naming and interface assumptions for the Base Scope are reflected in Attachment #1.		
8	Please provide information regarding the existing circuit breakers and other 230 kV and 500 kV equipment Referenced in Sections 6.7 through 6.9 of the SOW.	9/15/2026	Information regarding the existing circuit breakers and other 230 kV and 500 kV equipment referenced in Sections 6.7 through 6.9 will be provided to the selected Contractor during project kickoff through PGE's existing general and detailed equipment specifications.	9/23/2026	No
9	Please provide the 115 kV and 230 kV construction specifications referenced in Section 6.10 to support proposal pricing.	9/15/2026	Construction specifications can be provided to bidders after a fully executed NDA is in place.	9/23/2026	Yes
10	Please provide all applicable standards related to Protection & Control, Physical Security, Communications, and Civil/Structural design to support proposal pricing.	9/15/2026	Applicable standards can be provided to bidders after a fully executed NDA is in place.	9/23/2026	Yes
11	Please provide an example design narrative referenced in Section 5 of the SOW.	9/15/2026	PGE does not have a sample design narrative available to provide. The design narrative referenced in Section 5 is a non-standard PGE deliverable intended to accompany the 30% design packages. The purpose of the design narrative is to document the proposed design approach, assumptions, methodologies, major design decisions, and overall design basis to guide EPC design development. The design narrative will be developed collaboratively between the Contractor and PGE as part of the project.	9/23/2026	No
12	The SOW states that the Lambert Substation will include 21 total 230 kV breaker positions as part of the final buildout. Please clarify the types of circuits anticipated for these positions to support future foundation design.	9/15/2026	The final Lambert Substation buildout will consist of six (6) breaker-and-a-half bays, two (2) bus intertie breakers, and one (1) future breaker position reserved for a future shunt reactor addition, for a total of twenty-one (21) 230 kV breaker positions. The breaker-and-a-half bays are intended to accommodate a combination of transmission line, transformer, and future circuit positions as reflected in the	9/23/2026	No

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			conceptual substation arrangement. The bus intertie breakers are associated with the station bus configuration, and the remaining future breaker position is reserved for a future shunt reactor installation.		
13	Given the size of the Lambert Substation yard, will there be two control enclosures: one for the 500 kV yard and one for the 230 kV yard?	9/15/2026	The number of control enclosures for the Lambert Substation has not been finalized. Preliminary conceptual design has identified a single control enclosure; however, the final determination of whether one (1) or two (2) control enclosures will be used will be made during the design process as site requirements are further developed and evaluated. It is the selected Contractor's responsibility to assess the project requirements, costs, and site usability considerations and recommend the appropriate control enclosure configuration for PGE's review and approval.	9/23/2026	No
14	Will Protection and Control (P&C) equipment for the fixed series capacitors be housed in a dedicated control enclosure, or will it be located in the same control enclosure as the remaining protection and control equipment?	9/15/2026	Protection and Control (P&C) equipment for the Fixed Series Capacitor (FSC) installation is currently expected to be housed within the site's main control enclosure along with the remaining station protection and control equipment. The control enclosure for each site will house all site protection and control devices not included within the major equipment itself (breakers, transformer control cabinets, etc.). No separate control enclosure is currently planned for FSC equipment.	9/23/2026	No
15	Please clarify whether PGE utilizes prefabricated control enclosures or constructs control enclosures on site.	9/15/2026	PGE standard practice for new substation installations is to use prefabricated control enclosures. Bidders should assume prefabricated control enclosures for the purposes of this project unless otherwise directed by PGE.	9/23/2026	No
16	Will the selected contractor be responsible for reviewing technical specifications for PGE-procured equipment and materials, including the 500 kV transformers, shunt reactors, and series capacitors? If so, will the selected contractor be responsible for evaluating manufacturer bids?	9/15/2026	The selected Contractor will be responsible for reviewing the technical data and specifications provided by PGE for PGE-procured equipment to confirm technical completeness and applicability to the substation design. For the 500 kV power transformer at Lambert, which will be procured directly by PGE, the Contractor shall review the technical data and specifications but will not be responsible for evaluating manufacturer bids.	9/23/2026	Yes

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			For the shunt reactors and series capacitors, the Contractor shall review equipment specifications, sizing, and design requirements. The final equipment specifications, procurement strategy, and bill of materials development will be a collaborative effort between PGE and the selected Contractor. The Contractor will also be responsible for assisting PGE with the technical evaluation of manufacturer bids for the shunt reactors and series capacitors.		
17	Does PGE have a list of approved vendors for geotechnical investigations and reports?	9/15/2026	No. PGE does not maintain a list of approved vendors for geotechnical investigations and reports. Information regarding vendors that have previously performed these services for PGE projects may be provided to the selected Contractor after contract award, as appropriate.	9/23/2026	No
18	Does PGE have a list of approved vendors for surveying services?	9/15/2026	No. PGE does not maintain a list of approved vendors for surveying services. Information regarding vendors that have previously performed surveying services for PGE projects may be provided to the selected Contractor after contract award, as appropriate. Any project-specific restrictions or requirements regarding subcontractors will be communicated to the selected Contractor following award.	9/23/2026	No
19	Must major equipment be seismically qualified in accordance with IEEE 693?	9/15/2026	Yes. Major equipment shall be seismically qualified in accordance with IEEE 693 High Seismic Performance Level requirements. Any deviation from the IEEE 693 High Seismic qualification requirements must be reviewed and approved by PGE.	9/23/2026	Yes
20	Does PGE have an anticipated EPC/construction duration for the Project?	9/15/2026	No. PGE has not established an anticipated EPC or construction duration for the Project at this time. As part of the scope defined in Section 6.18.1, the selected Contractor will be expected to assist PGE in developing the EPC and construction schedule, including the estimated project duration.	9/23/2026	No
21	Does PGE have any 500 kV substation design standards? If not, what standards should be used as the basis of design?	9/15/2026	PGE does not have existing 500 kV (EHV) substation design standards. As the basis of design, PGE will provide existing EHV substation designs for reference, along with its existing 115 kV and 230 kV design standards and design masters. The Contractor shall use	9/23/2026	No

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			these materials, together with applicable industry standards and engineering best practices, to develop the new 500 kV substation designs in collaboration with PGE.		
22	Does PGE anticipate issuing a separate RFP for detailed design of the 500 kV substations? If so, would participation in this OE solicitation preclude a consultant from competing for the future detailed design work?	9/15/2026	PGE does not anticipate issuing a separate RFP solely for detailed design of the 500 kV substations. PGE intends to procure detailed design, from the 30% design milestone through IFC, together with construction services under a future EPC contract. At this time, participation in this OE solicitation is not expected to preclude a consultant from competing for future EPC procurements. However, PGE reserves the right to evaluate organizational conflict-of-interest and establish participation restrictions, if any, in future solicitations.	9/23/2026	No
23	Which environmental studies and permitting activities will be performed by PGE or other parties, and which are expected to be performed by the selected contractor?	9/15/2026	PGE and its environmental consulting team will be responsible for conducting environmental studies and obtaining required federal, state, and local environmental permits, approvals, and authorizations. The selected Contractor will provide technical support for permitting activities by furnishing design and construction information necessary to support environmental reviews, permit applications, agency reviews, and permit compliance activities. Such support may include construction schedules, material specifications, work areas, access plans, construction sequencing information, drawings, and responses to technical requests. The selected Contractor will not be responsible for obtaining environmental permits, environmental approvals, construction permits, or permit authorizations. Responsibility for obtaining such permits and approvals will remain with PGE and/or the future EPC Contractor. The selected Contractor shall ensure that applicable permit requirements provided by PGE or the permitting authorities are incorporated into the design documents and specifications, as appropriate.	9/23/2026	Yes

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24	Can the deadline for submitting questions be extended to Friday, September 18, 2026?	9/15/2026	The deadline for submitting questions will not be extended, as PGE intends to maintain the current RFP closing date of September 30, 2026. However, should a bidder identify a question that is necessary to prepare an accurate proposal, PGE may, at its discretion, consider providing a response prior to the proposal due date.	9/23/2026	No
25	Does PGE have an estimated site footprint (square footage) for each substation location?	9/21/2026	Yes. PGE's current planning assumptions for the substation site footprints are: • Lambert Substation: Approximately 2,200 ft x 1,600 ft • Mountain View Substation: Approximately 1,100 ft x 800 ft These dimensions are preliminary estimates and may be refined during design development.	9/23/2026	Yes
26	Who is responsible for obtaining and submitting permits associated with the 30% design phase?	9/21/2026	PGE will be responsible for obtaining and submitting environmental permits and approvals required during the 30% design phase. The Contractor will provide technical support as requested by PGE but will not be responsible for preparing, submitting, or obtaining permit applications or approvals (see Response #23 above).	9/23/2026	Yes
27	Is permitting support required for activities beyond the 30% design phase? If so, what is the expected scope?	9/21/2026	Yes. Permitting support will be required beyond the 30% design phase. The Contractor shall provide ongoing permit support to PGE, and, when applicable, the future EPC Contractor by furnishing design and construction information needed for environmental reviews, permit applications, permit compliance, and related permitting activities through construction. Such support may include construction schedules, material specifications, work areas, access plans, construction sequencing, design clarifications, and responses to technical questions from permitting agencies or PGE's permitting team. The Contractor will not be responsible for obtaining permits, submitting permit applications, or securing permit approvals.	9/23/2026	Yes

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28	Regarding the permitting labor hours included in the RFP pricing spreadsheet (Pricing tab), are those hours fixed by PGE, or should Offerors update and propose their own hours?	9/21/2026	The permitting labor hours included in the RFP pricing spreadsheet (Pricing tab) are fixed and must not be modified by Offerors. However, Offerors may identify any concerns, assumptions, or exceptions related to those hours in the Assumptions Worksheet.	9/23/2026	Yes