



**City of Tacoma**  
**Tacoma Public Utilities - Transmission and Distribution**  
**Mayfield Powerhouse GSU Transformers**  
**RFP Specification No. PT19-0157F**

**QUESTIONS and ANSWERS**

All interested parties had the opportunity to submit questions in person to Alex Clark by during the pre-proposal meeting on June 27, 2019 and in writing by email at [aclark3@cityoftacoma.org](mailto:aclark3@cityoftacoma.org) by July 2, 2019. The answers to the questions received are provided below and posted to the City's website at [www.TacomaPurchasing.org](http://www.TacomaPurchasing.org): Navigate to *Current Contracting Opportunities / Supplies*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum. Respondents should consider this information when submitting their proposals.

**Question 1: Where will finally assembly be done?**

Answer 1: Assembly will be done at the final destination on the transformer foundation.

**Question 2: Is the vendor responsible for the temporary cribbing?**

Answer 2: Temporary cribbing is only an option and not required. How the vendor places the units on the transformer foundations and/or rail is up to the vendor. The city is only providing the temporary storage area.

**Question 3: We are considering skipping the staging area step and placing the unit directly on the pad. Is there a window when you expect placement at the final destination?**

Answer 3: Everything must be staged either at the City-provided temporary onsite storage location or an alternative secure location within Washington State by August 25th, 2020. At some point in September 2020, the current GSU units will be removed and the vendor will have approximately a 5 business day window to place the new units on the transformer foundations and/or rails.

**Question 4: Is it possible to place all four transformers in one day?**

Answer 4: It is possible to move or place all four units to their final location in a single day. The vendor will have approximately 5 business days to safely place the transformers onto their final location. It is the vendor's responsibility to arrange and discover movement solutions that fit into this timeline in a safe way.

**Question 5: If the vendor is planning on using the accessible crane, what hours will it be available?**

Answer 5: During the 5 day window referenced above, after coordinating with the vendor, the City can have operators available 24 hours a day.

**Question 6: Will the vendor be responsible to pay the overtime costs associated with the crane operation?**

Answer 6: No, the City is responsible for overtime costs.

**Question 7: There is language in the spec that the City could award to multiple vendors. Would the City consider splitting up the award for the Isolated Phase bus?**

Answer 7: The intent is to award only one contract.

**Question 8: Will the foundation be changed?**

Answer 8: The foundation will stay the same.

**Question 9: What is the grade of the hill?**

Answer 9: Vendors are welcome to schedule inspection of the hill.

**Question 10: If we have to redesign the base to fit into your foundation, who is responsible for that redesign?**

Answer 10: Vendors are to submit their completed proposal with any redesign if necessary. They will be responsible for any redesign.

**Question 11: Will the vendor be responsible for the bracing? What if they need to drill into the foundation?**

Answer 11: The vendor will only be responsible for the design and fabrication of the transformer anchor brace. The City will be responsible for the installation.

**Question 12: Was the intention to replace the isolated phase bus?**

Answer 12: It is unlikely that the newly designed GSU's bushing would fit the currently installed phase bus. It is possible for the vendor to design the new transformer to fit the existing phase bus. That is up to the vendor.

**Question 13: Will the supporting structure stay?**

Answer 13: The supporting structure will stay.

**Question 14: What sort of trolley system is required? Does it have to fit the rail?**

Answer 14: A trolley system is another possible solution for placement and is not a requirement. If the vendor decides to use a trolley system, it must be designed to the specifications of the site and rails. See Appendix E for more details.

**Question 15: Can we bring the units in over the water?**

Answer 15: No, they cannot go over or in the water.

**Question 16: Is it possible to use a jack to lift the transformer anywhere on the surface?**

Answer 16: Jacking should be limited and locations will need to be evaluated due to interferences below grade.

**Question 17: Is the outage scheduled yet?**

Answer 17: No, the City is still working on finalizing those dates.

**Question 18: Are you planning on having a tanker for the installation oil?**

Answer 18: Tacoma has a tanker available to receive oil for each GSU transformer. Oil filling will occur separately for each GSU, so vendor should anticipate four different delivery dates for transformer oil.

**Question 19: If the install is handled by the City, where will the accessories be placed?**

Answer 19: We would like those placed on the trailrace area close to the final GSU transformer foundations and/or rail.

**Question 20: Do you anticipate inspecting the Isolated Phase Bus before shipment?**

Answer 20: Yes, we will inspect at factory before shipment.

**Question 21: Is the vendor responsible for supervision and support of both the Isolated Phase Bus and the transformer?**

Answer 21: No, only the final phase bus installation.

**Question 22: There is no estimate on the amount of supervisor/support time needed. How long should we estimate into our specification? Will there be a per diem if it goes over?**

Answer 22: For evaluation, please factor 14 days of supervision/support into your proposal. Anything over the 14 day period will be negotiated after award. An addendum will be published to address this.

**Question 23: Will there be an accessory inspection also?**

Answer 23: Yes, we will do an inspection to ensure no damage.

**Question 24: Since this bid is a "supply only" with installation/dressout/commissioning, to keep the warranty valid, should we include the manufacturer's installation supervision for both transformer & the bus, for how long and how many trips?**

Answer 24: The City will do assembly and commissioning of the transformers. No manufacturer technical supervision is requested for this. The City expects that the warranty shall remain fully valid.

**Question 25: What are the dimensions of the door?**

Answer 25: Please see Appendix E.

**Question 26: What is the capacity of the crane?**

Answer 26: Please see Appendix E.

**Question 27: Is there any chance to field inspect the existing IPB?**

Answer 27: After award, an approximate two day outage will be provided to the vendor for field measurements (sometime between mid-September 2019 and mid-October 2019). The City will provide at least two weeks notice for this inspection.