



**CITY OF TACOMA**  
**Tacoma Power/Generation**

**ADDENDUM NO. 1**

**DATE:** February 11, 2021

**REVISIONS TO:**

**Request for Qualifications Specification No. PG20-0325F  
Cushman 2 Powerhouse Unit 31, 32 Rebuild Project**

**NOTICE TO ALL BIDDERS:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

**REVISIONS TO THE SUBMITTAL DEADLINE:**

The submittal deadline remains the same.

**REVISIONS TO THE SUPPLEMENTAL BIDDER RESPONSIBILITY FORM:**

Remove the Supplemental Bidder Responsibility Form in its entirety and replace with Supplemental Bidder Responsibility Form Addendum No. 1.

**QUESTIONS AND ANSWERS:**

**Question 1:** We understand missing the preproposal meeting will not eliminate us from responding to the RFQ. Can we register now for the Bid Holders List?

**Answer 1:** Yes, registration for the Bid Holders List is open until the advertisement closes.

**Question 2:** Was there any documents sent out to vendors based on the meeting and can you send this to me?

**Answer 2:** No documents were sent out to vendors. You can view a Q&A document posted on the City's Purchasing website at:  
[https://www.cityoftacoma.org/UserFiles/Servers/Server\\_6/File/cms/Purchasing/FormalBids/PG20-0325F\\_QA.pdf](https://www.cityoftacoma.org/UserFiles/Servers/Server_6/File/cms/Purchasing/FormalBids/PG20-0325F_QA.pdf)

**Question 3:** Why is the scope including runner refurbish only and not a new designed runner for uprate and better efficiency? What is history of the units and have runners ever been replaced? We note the new 40 year life of the units for a project scope and a new runner would seem to best way to get this unit life.

Answer 3: The runners were replaced in the mid 90's. New runners are not included in the scope of the project.

**Question 4:** I was not in attendance at the pre-proposal meeting would you kindly forward a copy of the registered EPC companies?

Answer 4: A meeting sign in sheet was included in the Q&A document posted on the City's Purchasing website. You can find the document here:  
[https://www.cityoftacoma.org/UserFiles/Servers/Server\\_6/File/cms/Purchasing/FormalBids/PG20-0325F\\_QA.pdf](https://www.cityoftacoma.org/UserFiles/Servers/Server_6/File/cms/Purchasing/FormalBids/PG20-0325F_QA.pdf)

**Question 5:** Attachment A-1 Supplemental Bidder Responsibility Form under Minimum Experience requirement the last item "Performed refurbishment and commissioned a mushroom type, turbine pressure relief Valve". Can you supply a drawing and more technical information on this valve? All of the other items in this experience criteria are typical work scope in a turbine generator rehabilitation project for manufacturers. If the Design Build team has limited experience with this obscure type of valve and cannot check yes, will they be eliminated as a vendor from the RFP stage since this is minimum experience Criteria?

Answer 5: If the proposed Design-Build team does not have specific experience with the type of valve installed at Cushman they are encouraged to provide details on their experience on rehabilitation or replacement of other designs of turbine pressure relief valves. Failure to illustrate experience on a mushroom type turbine pressure relief valve is not grounds for elimination for consideration; however, no experience in rehabilitation or replacement of turbine pressure relief valves would be. A cross-section drawing is attached for reference.

**Question 6:** Please provide the date/year of the last generator rewind at Cushman PH and which service provider completed the rewind of the generator?

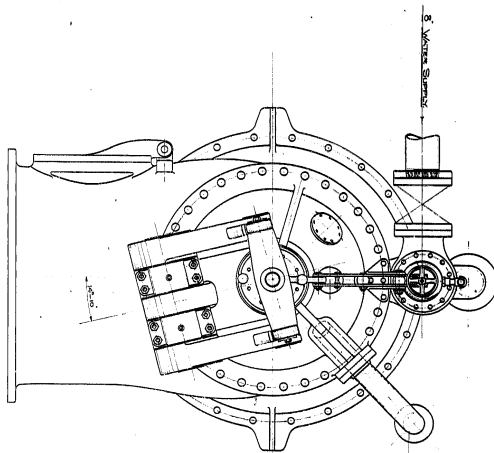
Answer 6: Unit 32 was last rewound in 1975, and Unit 31 in 1977. The service provider was NEC.

**Question 7:** We currently have machines manufactured and delivered in Canada that are operating and that meet the requested power and voltage requirements. What we do not have are references of refurbished machines in North America that meet these characteristics, but we do have references of this type of work carried out in Europe. We would be in a position to send you all this information, as well as a report with our capabilities for it. My query is simple, will these references be considered or will we automatically be excluded with the references that I have raised?

Answer 7: Experience refurbishing existing units in North America is viewed as a critical factor to ensure project success and is a required minimum experience criteria. Since your proposed (or raised) refurbishment references are for work carried out only in Europe they do not meet the criteria.

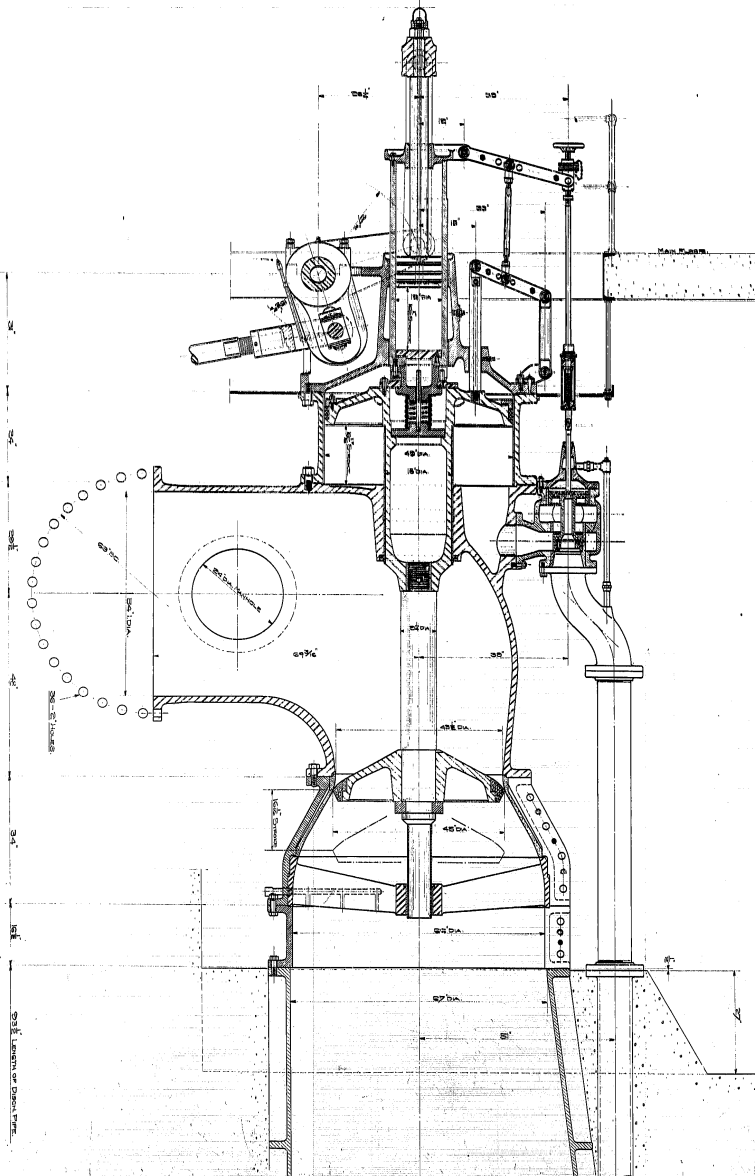
NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the proposal page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8139 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. PG20-0325F Addendum No. 1. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: David Wagner, Tacoma Power/Generation



3. Detail view of the motor and pump assembly.

4. Detail view of the motor and pump assembly.



ITEM	DESCRIPTION	QTY
1	WATER SUPPLY	1
2	ELECTRIC MOTOR	1
3	WATER SUPPLY	1
4	ELECTRIC MOTOR	1
5	WATER SUPPLY	1
6	ELECTRIC MOTOR	1
7	WATER SUPPLY	1
8	ELECTRIC MOTOR	1
9	WATER SUPPLY	1
10	ELECTRIC MOTOR	1

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8	ELECTRIC MOTOR	1
9	WATER SUPPLY	1
10	ELECTRIC MOTOR	1

DRAWING NO. MFR-B2-1045

829  
147

ASSEMBLY  
147

**PROJECT: CUSHMAN 2 UNIT 31, 32 REBUILD PROJECT**

**SPECIFICATION NO. PG20-0325F**

**Responsibility Certification Form**

This form shall be completed in its entirety, **submitted with the SOQ response**, and shall be used to demonstrate the Proposer's, or Proposer's Design-Build Team's, experience for the minimum qualifications of the Project. Failure to submit this form is grounds for SOQ rejection.

Qualification of Proposer: Proposer, or Proposer's Proposed Design-Build Team, shall have experience delivering Projects of Similar Scope and Complexity in North America within the last ten (10) years.

**Projects of Similar Scope and Complexity shall be rehabilitation projects for 60Hz, suspended type, vertical, salient pole hydroelectric turbine-generators driven by Francis runners with minimum ratings of 12.6kV and 10MW.**

**Proposer's Company Name:**\_\_\_\_\_

<b>Minimum Experience Criteria</b> For each of the experience criteria identified below, please check the appropriate box to indicate that the Proposer, or Proposer's Design-Build Team, has the described experience on Projects of Similar Scope and Complexity.	<b>Yes</b>	<b>No</b>
Refurbished an existing generator that included design, manufacture, installation of a new stator core with improved core clamping, new stator windings, and frame refurbishment.	<input type="checkbox"/>	<input type="checkbox"/>
Performed detailed analysis with the intent of reusing and replacing existing turbine components including scroll case, draft tube, runner, shaft, seals, wicket gates, wear rings, wicket gates, shift ring, bushings, levers, etc. Analysis capabilities include component FEA, fatigue and hand calculations.	<input type="checkbox"/>	<input type="checkbox"/>
Performed detailed analysis of existing generator components including frame, upper and lower brackets, shafts (main and stub), rotor hub, rotor spider and rotor rim and rotor pole to rim connections	<input type="checkbox"/>	<input type="checkbox"/>
Refurbished or supervised the refurbishment of the poles for a salient pole hydro generator	<input type="checkbox"/>	<input type="checkbox"/>
Performed or coordinated the successful disassembly, in-situ and shop machining, welding, reassembly, alignment, balancing and commissioning	<input type="checkbox"/>	<input type="checkbox"/>
Performed refurbishment and commissioned a turbine pressure relief valve	<input type="checkbox"/>	<input type="checkbox"/>

<b>Financial Criteria</b> For each of the financial criteria identified below, please check the appropriate box to indicate that the Proposer meets the criteria.	<b>Yes</b>	<b>No</b>
Proposer has \$20 million dollar bonding capacity.	<input type="checkbox"/>	<input type="checkbox"/>

By completing and signing this form, the Proposer is certifying the responses marked on the form are true and accurate. The Proposer's failure to disclose the required information or the submittal of false or misleading information will result in the rejection of the Proposer's SOQ.

The information provided herein is true and complete.	
Signature of Authorized Representative	Date
Print Name and Title	