The following is additional information regarding Request for Proposal (RFP) # SCL-1401 – titled Boundary Generator Step-Up Transformers 151-154 released on 10/02/2019. The due date and time for responses is ~~11/06/2019~~ ***11/13/2019*** 2PM (Pacific). This addendum includes both questions from prospective proposers and the City’s answers and revisions to the RFP. This addendum is hereby made part of the RFP and therefore, the information contained herein shall be taken into consideration when preparing and submitting a proposal response.

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| Item # | Date Received | Date Answered | Vendor’s Question | City’s Answer | ITB Revisions |
| 1 | 10/3/19 | 10/4/19 | Will you please advise exactly how a Vendor can be eligible to submit an RFP response? | There is no restrictions or eligibility requirements to bid on City of Seattle proposals. There are however requirements that must be met for your bid to be accepted as responsive and responsible to the solicitation; these requirements include but are not limited to meeting minimum qualifications, confirmation of mandatory items required, and adherence to the rules for how to submit your response. |  |
| 2 | 10/3/19 | 10/4/19 | Should a Vendor provide qualification document before the bid closure to be eligible? | The solicitation will inform you if a particular qualification document is required at time of bid. A rule of thumb is if it states “mandatory” it is required at time of bid and before bid closure. |  |
| 3 | 10/3/19 | 10/7/19 | Regarding minimum qualification 1a:  Bidders must demonstrate a minimum of fifteen (15) years’ experience in the design and manufacture of high voltage power transformers of similar rating and application as described herein. The term “similar rating” mean power transformer delivered with equal to or higher than 150MVA (base) size, with high side winding voltage of 230kV or higher.  Will a new US subsidiary factory meet this requirement if its parent company has 15 years’ experience? | Minimum Qualification 1a refers to the company, not a specific factory. However, if the company is based outside the United States, they would also need to meet Minimum Qualification 1b. |  |
| 4 | 10/3/19 | 10/4/19 | Is there a WMBE goal or any incentive for a WMBE firm to bid on this project? | There is no WMBE goal for this project. However, there is an Inclusion Plan included as part of this RFP and the maximum point value for the Inclusion Plan is listed in the Evaluation Criteria section of the RFP. |  |
| 5 | 10/3/19 | 10/4/19 |  | The City isn’t accepting any redlines/exceptions to the NDA. It must be agreed to “as is” in order to receive the confidential documents. |  |
| 6 | 10/7/19 | 10/7/19 | Does the City have a manufacturer in mind? | No. |  |
| 7 | 10/8/19 | 10/14/19 | Is the rating a single capacity 200,000kVA OFAF or three cooling stage 120,000/160,000/200,000 ONAN/OFAF1/OFAF2? | Single capacity 200,000kVA OFAF. |  |
| 8 | 10/9/19 | 10/14/19 | Will the City consider extending the due date one week to allow for more engineering time to complete the proposal response? | Not at this time. |  |
| 9 | 10/9/19 | 10/14/19 | Please clarify what is the bond to be included in the price?  Customer is to include Bid Bond, Performance/Payment Bond Forms, but it doesn’t specify which one is required. | The selected Vendor will need to work with their Surety Company to secure the Performance Bond.  The Letter of Commitment must be submitted with your Proposal per section 7. |  |
| 10 | 10/9/19 | 10/14/19 | Is Fair Labor Monitoring required for this project? | No. It is not applicable. |  |
| 11 | 10/9/19 | 10/14/19 | If so, Will the City provide additional clarification as to how the independent monitor will interact/visit the manufacturer? | See number 10. |  |
| 12 | 10/9/19 | 10/14/19 |  | PPE required for the site visit includes sturdy closed toe shoes, hard hat, and any other PPE required by your company. FR clothing is not required by SCL for this site visit. Please bring two LOTO locks if you have them. |  |
| 13 | 10/9/19 | 10/14/19 | Is the reference to “single phase” in section 9.4 of the technical spec an error? | Yes. Please see the embedded document to the right which corrects the error. | The technical specification has been amended to remove the reference to a single-phase transformer in section 9.4. |
| 14 | 10/9/19 | 10/14/19 | Was the Pre-Proposal Conference on 10/9 mandatory? | No. |  |
| 15 | 10/14/19 | 10/14/19 |  | Representatives working for a company other than a manufacturer must identify the manufacturer they are representing prior to, or at the **Mandatory Site Visit** in order to be able to submit a responsive proposal. |  |
| 16 | 10/8/19 | 10/14/19 | Will you please send me the addendum? | No. The addendum is posted to the City’s Buy Line. Here is the link for Vendors to view and download the addendum:  <https://thebuyline.seattle.gov/2019/10/02/boundary-generator-step-up-transformers-151-154-rfp-scl-1401/> |  |
| 17 | 10/8/19 | 10/14/19 | Will the City consider extending the due date to one week to 11/13? | Please see question #8. |  |
| 18 | 10/14/19 | 10/15/19 | Will the City consider extending the due date to 11/15? | Please see question #8 |  |
| 19 | 10/14/19 | 10/15/19 | We could not find drawing number SK-190810 referenced in the Specification document. Please let us know how to access it. | This drawing is contained in the drawing package. You must fill out and submit the Non-Disclosure Agreement Form (NDA) which is embedded in section 7 of the RFP document to receive the link to download the drawing package. |  |
| 20 | 10/16/19 | 10/16/19 | Regarding specification section 8.1 – Equipment Operating Conditions:  Cooling Designation: Oil-immersed, forced-oil cooled (Class OFAF).  Is it allowed to design the transformer with different cooling system than specified?  Will this affect the evaluation of the of our bid in negative way? | No, a different cooling system is not allowed. |  |
| 21 | 10/16/19 | 10/16/19 | Regarding Specification section  10.1.15 Short Circuit Design Test  The coil and core design used to manufacture each transformer covered by this Specification shall have been short-circuit tested in accordance with IEEE Std. C57.12.90-2015. The actual transformers provided shall not be short circuit tested. A copy of the short circuit test results shall be included with the certified test report and the Seller’s Bid.  In this case we will provide the test report from the short circuit test on similar unit.  Is this a sufficient document? | Yes, that will be sufficient. |  |
| 22 | 10/16/19 | 10/17/19 | We are interested in the testing and commissioning listed in Section 10: Required Measurement and Tests.   1. Who will be responsible for performing the testing? 2. Who will be responsible for performing the commissioning? | 1. Per section 10.1.1, the testing covered in section 10 will be conducted by the Seller at the factory. 2. Commissioning will be performed by the Owner per section 5.2.8. |  |
| 23 | 10/21/19 | 10/22/19 | There are conflicting characteristics in the Outlines provided; the old ASEA unit has the LV bushings cover mounted, however, Drawings SK-190810 & SK-190811, as well as the Spec Section 9.9.9, show the LV Bushing requirement to be sidewall mounted. Please, clarify which critical dimensions/drawings we need to match | The existing transformers have top mounted bushings.  The new transformers will have side mounted bushings as per the specifications and drawings. |  |
| 24 | 10/21/19 | 10/22/19 | Please, provide the Critical dimension 5 from drawing SK-190810. | See Note 5 on the drawing. This dimension is determined by the Vendor. |  |
| 25 | 10/21/19 | 10/22/19 | Please, provide the maximum oil volume or the volume that the existing containment pan has. | The City has not provided a maximum oil volume because we feel other technical requirements will drive the overall dimensions of the transformer. The transformer fitting into the existing space with all required clearances to walls and structures is paramount. |  |
| 26 | 10/21/19 | 10/22/19 | Outline drawing including the base detail and Nameplate of the existing 200 MVA transformer are required for an accurate design. Our engineering team cannot provide a design for this quote without that information (pictures of the site would be very beneficial too. This outline shall include all the critical dimensions that need to be satisfied or met. | The nameplate and drawings of the existing 170 MVA transformers are included in the drawing package |  |
| 27 | 10/21/19 | 10/22/19 | Evaluation Criteria asks for a Short Circuit report for a similar unit. We have not short circuit tested transformers of this size. Please, confirm if not providing this report is a reason for disqualification | Yes, this is a requirement of the Technical Evaluation Form in section 7.10 |  |
| 28 | 10/21/19 | 10/28/19 | Due to the critical data that is still needed and that important information that may come from the site walk will not be available until Oct 23rd,  we would like to request for an extension in order to ensure that we are providing a bid design and quote that satisfies all of our customer requests. | Yes. Please see the column to the right. | The City is revising the RFP Due Date to ***11/13/2019 AT 2PM PT*** |
| 29 | 10/23/19 | 10/28/19 | Is the City requiring an Irrevocable Letter of Credit and a Performance Bond? | No, please see the Contract Bond Section of the RFP document. |  |
| 30 | 10/25/19 | 10/30/19 | Is the City going to provide a drawing of the access tunnel where the rails are located? | Yes, the City will provide additional drawings of the access tunnel. City Light will remove the bulkheads to access the Dam Access Tunnel and transformer bay. Note that the rails observed in the access tunnel are for the stoplog gantry crane only. | An addendum drawing package will be made available to those who attended the Mandatory Site Visit. |
| 31 | 10/24/19 | 10/30/19 |  | Disposal of packing materials: The Owner will take responsibility for disposal of all non-hazardous packing materials associated with the delivery of the transformer and its appurtenances. |  |
| 32 | 10/24/19 | 10/30/19 |  | Disposal of transformer oil: The spec calls for a volume of oil to be provided by the Seller to fill the transformer to Normal level for operation. The Owner does not have provisions for storage and transportation of oil at the project site. Therefore, no oil in excess of the amount needed to fill the transformer will be accepted by the Owner. |  |
| 33 | 10/24/19 | 10/30/19 |  | As designated in Figure 2 of the technical spec., the primary (XV) bushings shall be of horizontal mounting in the locations shown in the Owner Furnished Drawings. The isophase bus and connection to the transformer will be modified by the Owner or Owner’s contractor. The new arrangement will emulate the Owners Bank 155 and Bank 156 installations. See column to the right. | An addendum drawing package will be made available to those who attended the Mandatory Site Visit. |
| 34 | 10/29/19 | 11/5/19 | Section 9.9.21.1  The coolers will be built with either extruded fins or plate fins.  It is suggested that clarification be added that either fin system will include anticorrosive protection. To insure that a durable cooler is supplied, and not a commercial (ie HVAC) offering, the following details should be added: The top flange connection to be rated to support the entire cooler weight, and allow the bottom header to be ‘floating’ during thermal expansion / contraction Rivets are not to be used for structural support.  Stainless steel hardware or welding only to be used. The tube sheet material thickness to be a minimum of 5/8 inches. The cooler side casing material thickness to be a minimum of 3/16 inches. The fan cabinet material thickness to be a minimum of 1/8 inches. The minimum tube wall thickness to be 0.035 inches. The minimum plate thickness to be 0.01 inches Butterfly valves have superior sealing capability for transformer oil.  It is suggested that they be specified and not ball valves. | The suggestion has been considered. In Section 9.9.21.1, the fifth sentence shall be changed from “All **plate fins** shall include an approved anticorrosive protection such as Heresite.” to “All **heat exchanger tubes** shall include an approved anticorrosive protection such as Heresite.” All other requirements of Section 9.9.21.1 shall remain unchanged. | The Technical Specifications have been revised. |
| 35 | 10/29/19 | 11/5/19 | Section 9.9.21.3  For best corrosion resistance, it is suggested that heavy duty NEMA motors be specified with internally coated corrosion resistant parts.  This is a common option, and vendors can provide evidence of this coating. | The suggestion has been considered. Section 9.9.21.3 shall remain unchanged. |  |
| 36 | 10/29/19 | 11/5/19 | Section 9.9.21.4  The transformer oil pumps use the oil for lubrication and cooling of the pump.  Given that the oil is not a good lubricant, ball bearings are not best practice and should not be allowed due to the risk of metal fragment carry over into the transformer. It is suggested to require bronze sleeve bearing, model Harley, with Tecsonics wear monitoring system, or equivalent.  This allows the material thickness of the bearing to be monitored over time, which is a common requirement. | The suggestion has been considered. Section 9.9.21.4 shall remain unchanged. |  |
| 37 | 11/04/19 | 11/7/19 | Regarding the contract bond letter of commitment, does SCL require a single or aggregate bond limit? | The letter must demonstrate that the vendor has an appropriate single limit as well as aggregate capacity to furnish the bond. |  |
| 38 | 11/6/19 | 11/7/19 | Are the vendors responsible for filling the transformer with oil, or just the procurement and delivery of the oil? | The vendor is responsible for the procurement and delivery of the oil. |  |
| 39 | 11/6/19 | 11/7/19 | Where is the nearest rail siding where the transformer can be off-loaded to a truck? | It is the Vendor’s responsibility to research and confirm this information. |  |
| 40 | 11/13/19 | 11/13/19 | Will the City consider extending the due date to 11/22/19? | No. |  |