

**REQUEST FOR PROPOSAL “RFP” No. PS20181242
CONSULTING FOR 2221 MAIN ST. PEAKING PLANT**

QUESTIONS AND ANSWERS NO. 2

ISSUED ON October 15, 2018

Q2.1	<p>We have questions/request for clarification on RFP No. PS20181242 Main Street Peaking Plant as follows:</p> <ul style="list-style-type: none"> • Under clause 2.3.7 Controls on page B-2 it states: “Review local PLC design (to be designed by the City SCADA team)”; • Under clause 2.6.2 on page B-3 it states: “Review, seal and issue for construction (IFC) the local PLC design documents, the sequence of operation and the plant communication protocol (all to be designed or developed by the City SCADA team)”. <p>Our questions/request for clarification are as follows:</p> <p>a. 2.3.7b. - what does the City of Vancouver (CoV) mean by “local PLC design”? Is this simply the selection of PLC components and how those components are arranged in the PLC rack? ... or does the CoV mean Control System design including motor control schematics, control panel layouts, PLC IO diagrams, loop diagrams etc.?</p> <p>b. 2.6.2 - We cannot seal something that we did not design. Also we don’t understand how a “plant communication protocol” can be IFC. It is not a physical thing - what does CoV mean here?</p>
A2.1	<p>Refer to Addendum #1 (ADD 1) for an edit and clarification of the controls scope of work.</p> <ul style="list-style-type: none"> a. The design of the Control System is included in the Consultant scope of work. The City SCADA team will indicate the main components to be used, for city-wide controls standardization. All other design tasks such as the ones listed in the question (motor control schematics, control panel layouts, PLC IO diagrams, loop diagrams, etc.) are in the Consultant scope of work. b. Section 2.6.2 has been deleted, as per Addendum #1 (ADD 1).
Q2.2	<p>Per RFP, the local PLC design is by City SCADA team. Said that, consultant is responsible only for i/o signals from the systems for PLC. Is the Consultant scope</p>

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	demarcation point right before the terminal blocks of the PLC? Please confirm.
A2.2	Refer to Addendum #1 (ADD 1) for an edit and clarification of the controls scope of work.
Q2.3	Is the structural engineering services for mechanical equipment installation responsibility of the Base Building Engineers?
A2.3	The Building Developer, Architect and Engineers are responsible for the structural design of the boiler room shell. They will design the room slab so that it can carry the boilers and associated equipment weight loads. Structural elements such as hangers, supports, and provisions for equipment installation required within the boiler room and for the venting stack are the responsibility of the Consultant and included in the Consultant scope of work.