

590-2021 ADDENDUM 1

CONDITION ASSESSMENTS OF THREE REGIONAL DISTRIBUTION RESERVOIRS

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID/PROPOSAL

ISSUED: November 23, 2021
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID/PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: Add 2021-03-05

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D9.1 to read: Prepare an Inspection Protocol that will be used for the inspection of the MacLean Reservoir. The Inspection Protocol shall be revised and resubmitted for subsequent inspections of the McPhillips Reservoir (D11.2) and the Wilkes Reservoir (D12.2).
- Add: D9.2.1(j) Exterior components of the reservoirs, including but not limited to:
- (i) soil cover and soil embankments;
 - (ii) ventilation shafts;
 - (iii) hatchways; and
 - (iv) manhole structures.
- Add: D9.2.1(k) The valve houses (entry to the McPhillips and MacLean Reservoirs) and access building (entry to the Wilkes South Reservoir). The inspections shall be limited to the interior and exterior structural and building components, including, but not limited to:
- (i) building exterior veneer (if applicable);
 - (ii) roofing system and associated flashings;
 - (iii) miscellaneous metal appurtenances;
 - (iv) insulation (if applicable/visible);
 - (v) any applied coating systems; and
 - (vi) visible portions of the building structure (masonry and/or concrete).
- Revise: D9.2.9(b)(vi) to read: An emergency response plan for all inspections, including the boat inspections; and
- Revise: D9.2.10 to read: a decontamination procedure for the roof inspections by boat. The decontamination procedure shall include:

- (a) disinfection procedures with a minimum 200 ppm free chlorine solution for all equipment to be used during the inspection; and
- (b) procedures to avoid contamination of the reservoir during the inspection.

- Revise: D10.5.3 to read: The WWD will provide all boating equipment, personal floatation devices, boat operators, and standby personnel for the boat-based inspection. The City will deploy two (2) zodiac (inflatable) boats into the reservoir. The Consultant shall assume a maximum of three (3) inspectors per boat in addition to the City's operator (a maximum of four (4) passengers per boat).
- Revise: D11.6.1 to read: The McPhillips Reservoir east and west cells will be available for a boat-based inspection for a maximum period of four (4) days (two (2) days per cell) to allow for a close inspection of the roof components.
- Revise: D11.6.3 to read: The WWD will provide all boating equipment, personal floatation devices, boat operators, and standby personnel for the boat-based inspection. The City will deploy two (2) zodiac boats into the reservoir. The Consultant shall assume a maximum of three (3) inspectors per boat in addition to the City's operator (maximum of four (4) passengers per boat).
- Revise: D12.6.3 to read: The WWD will provide all boating equipment, personal floatation devices, boat operators, and standby personnel for the boat-based inspection. The City will deploy two (2) zodiac boats into the reservoir. The Consultant shall assume a maximum of three (3) inspectors per boat in addition to the City's operator (maximum of four (4) passengers per boat).

QUESTIONS AND ANSWERS

- Q1: Can you confirm who will be responsible for preparing the confined space entry permit (Consultant or City)? Can you confirm if the City will provide a trained confined space attendant who will be the "top man" responsible for the confined space? Can you confirm if the City or the Consultant is responsible for determining and implementing the ventilation requirements?
- A1: The City will be responsible for preparation of the confined space entry permits, as well as any the preparation of lockout/tagout procedures. The City will provide a trained standby worker in accordance with confined space entry requirements. The City will work with the Consultant during the inspection protocol stage to develop the ventilation requirements. Implementation of any required ventilation will be by the City.
- Q2: Can you confirm if both cells will be available for the boat-based inspections at the MacLean Reservoir.
- A2: Only one cell will be made available for boat-based inspections at the MacLean Reservoir. If the Consultant deems it necessary to conduct a close inspection of the roof of both cells, it can be addressed via an engineering services scope change during the course of the Work.
- Q3: Clause D9.2.10 states that a decontamination procedure is required for the roof inspections by boat. Can you confirm who will be responsible for preparing that procedure (Consultant or City)? Can you confirm if the City will provide disinfectant for use before/after the inspections?
- A3: The Consultant will be responsible for preparing the procedure relating to their own equipment. Any City supplied equipment (e.g. zodiac boats) will be the responsibility of the City. The City will supply the disinfectant (sodium hypochlorite solution).