

## Questions and Answers:

**Q8) We note that the specifications indicate the PFAS contaminated water at the site is to be incinerated off-site. There is currently only one vendor in Eastern Canada that can incinerate such liquid. As noted in the Attachment 8 issued for this solicitation, other technologies exist that can treat PFAS contaminated water. We ask that PSPC allow a performance-based tender in which bidders can use other suitable technologies to meet criteria.**

A: Despite current information of PFAS toxicity, there is very limited legislation that regulates the discharge of PFAS impacted water to ground, surface water or sanitary/storm sewer because of the emerging nature of these compounds. A high level of diligence is required to ensure discharge of residual PFAS concentrations to the environment or municipal infrastructure does not occur. The most practical and diligent approach for the limited volume of water in the containment basin is to dispose of the water off-site via incineration.

**Q9) Can you please elaborate on the specifications required for the decontamination pad? Is mechanical removal of material or by hand suitable? Would you like the area to be lined?**

A: Please refer to Section 01 35 13.43 Subsection 1.8 for equipment decontamination. If the decontamination pad is the option the bidder selects for minimizing the spread of PFAS contamination from the FTA and surrounding area (as outlined in Section 01 35 13.43 Subsection 1.2.5.2) it is anticipated that, at a minimum, washing of vehicle tires leaving the limits of the site with water will be required, but it is the responsibility of the bidder to identify appropriate methods to prevent the spread of contamination. As outlined in Section 01 35 13.43 Subsection 1.2.5.2, "Wastewater from the Equipment Decontamination Pad must be collected and placed directly into covered watertight containers for hazardous waste transport and off-site incineration." Sampling will be conducted by the Departmental Representative to verify that PFAS impacted material has not been transported beyond the limits of the site.

**Q10) Are there any restrictions on transport of materials for disposal in Manitoba?**

A: Materials can be transported to, and disposed at, appropriate locations within Canada provided that the disposal is conducted in accordance with the specifications. i.e., PFAS impacted water incinerated at a high temperature incinerator licensed to handle hazardous waste; soil and other solids disposed as hazardous waste at a licensed (MECP or equivalent, as approved by the Departmental Representative) landfill, and, if implemented, steel melted at a steel recycler in accordance with the requirements of the Fuselage Recycling - Handling and Transport Plan.

**Q11) Can the proponent perform on-site water treatment (Activated Carbon or membrane system) of the PFAS containing wastewater, in order to minimize the amount of off-site disposal via incineration?**

A: No, PFAS impacted water is to be incinerated at a high temperature incinerator licensed to handle hazardous waste. Please see answer to question 9 for further detail.

**Q12) Can the proponent ship the PFAS containing wastewater to a permitted off-site facility, that will treat the water using traditional filtering technologies, as long as the filter media is then incinerated?**

A: No, PFAS impacted water is to be incinerated at a high temperature incinerator licensed to handle hazardous waste. Please see answer to question 8 for further detail.