

January 15, 2019

## A – Addendum #4

### RFP – E16001 2019 Composting Facility Heat Recovery System Upgrades

*The following clarifications are to be made to the RFP as a result of information provided during the non-mandatory site visit held on January 8, 2019.*

#### **Decommissioned Heat Recovery System**

- Existing components of the decommissioned heat recovery system (heat pumps, heat exchangers, etc.) are not to be employed in the heat recovery system upgrades. Ducting may be reused if appropriate.
- The original, now decommissioned, heat recovery system was installed in 2011/12.
- Coils in both the composting tunnels and the process building have corrosion issues.
- Ducts delivered warm air to designated working areas within the Compost Process Building.
- Warm air was recaptured by a secondary intake vent located at the ceiling of the Compost Process Building.

#### **Compost Process Building**

- The process building is sealed as much as practicable to control odours emanating from the building.
- The aim is to provide a 9-10°C working temperature at designated work areas within the Compost Process Building.
- Currently, the backup propane heating system is being used to heat the work areas in the Compost Process Building.
- Warm air recaptured from the ceiling of the Compost Process can be directed for use in the Materials Storage Building's proposed aeration floor.

#### **Materials Storage Building**

- The Materials Storage Building is used to store wood chips used in the composting process and has an existing asphalt floor.
- The proposed aeration floor is not intended to dry stored materials (wood chips) but to complement the ambient drying process.
- Aeration floor design is to be for the Materials Storage Building Phase 1 only.
- The heat recovery system should be designed with the option to scale up for use with an aeration floor in Phase 2 in the future.

End of Addendum