

## **BACKGROUND SUMMARY OF CONTRACT**

### **Procurement Process**

Sydney Water has consolidated three waste streams into a single procurement process comprising two stages: a Request for Proposal (RFP) followed by a Request for Tender (RFT). The purpose of this RFP is to seek responses from Applicants who wish to pre-qualify as a tenderer for the provision of waste management services in the RFT stage. Waste Management services cover three waste services being:

1. sewer and stormwater silt and stormwater debris,
2. grit and screenings waste from sewerage treatment plants, and
3. excavation waste (spoil).

The procurement process has a flexible structure to allow applicants to bid for one, two or all three waste streams. Each waste stream has been packaged into a portion of work.

### **Grit & Screenings**

Sydney Water's 28 Sewage Treatment Plants (STPs) including three Storm Sewage Treatment Plants produced 6,100 wet tonnes of Grit and Screenings (G&S) in 2008/2009. Screenings are large particles and other material such as rags, plastics and other stringy, fibrous items contaminated with faecal matter. Grit is made up of heavier solids comprising inorganic matter (sand, gravel, glass etc.) and organic matter. These heavier particles settle out of sewage into grit tanks. The G&S are dewatered and collected at treatment plants and are either disposed to landfill or beneficially used depending on the logistics at each site and capacity constraints at the reuse facility.

### **Silt and Debris**

Sydney Water has approximately 500 kilometres of stormwater channels, 1,000 sewage-pumping stations and associated conduits feeding into the major sewer carriers transporting effluent to sewage treatment plants. Silt and Debris is defined as any solid matter accumulated in a conduit (structure used to transport sewage or stormwater) or silt & debris collection facility (for example: pollution control devices, wet wells, grit pits and stormwater basins).

### **Spoil Waste**

Spoil is waste generated from excavation operations in the repair or construction of water or sewer mains infrastructure. It comprises a mixture of clay, soil, green waste, pipes, concrete, road base, rocks and asphalt. Civil Delivery section within Sydney Water generates almost all of the spoil waste. Skip-bin removal of spoil is the primary means of disposal and the remainder is truck removal of spoil.

### **Summary**

Sydney Water is seeking applications from qualified suppliers who wish to be considered for the provision of waste management services for the three types of services detailed above