

Collections

Background

The City of Gold Coast (City) is the second largest local government and sixth largest city in Australia based on resident population, home to more than 600,000 residents. and host to 12 million visitors annually. The city has a diverse mix of residents from all over the world and offers an enviable lifestyle, together with the opportunities of a young and dynamic city.

The Water and Waste Directorate (WW) brings together the City's managed utilities comprising the former Gold Coast Water teams, the Waste and Resource Management teams, and the City's Energy Management team.

WW intends to collaborate with an industry leading service delivery partner to create efficiency and foster innovation through industry experience and continuous collaboration. to manage the City's resources for a sustainable future.

Current State

As a total integrated water and waste management directorate, an opportunity exists for WW to become a global leader in sustainable resource use, recovery and recycling.

WW strive not only to reach but exceed targets identified in the Waste Strategy 2024 with a focus on building a resilient recycling sector that can:

- adapt to market disruptions and opportunities while providing cost effective services to households that are also safe and reliable
- improve our resource recovery rates and continually build on this into the future
- align supply of recycled material with demand from downstream markets and uses
- deliver a resource recovery system informed by circular economy principles; a circular pathway through the entire supply chain including development and support for local business and industry.

WW is currently responsible for services including but not limited to the following:

- nine mainland WRCs for residential self-haul waste, and two active landfills at Staplyton and Reedy Creek for commercial waste and two WRCs based on South Stradbroke Island.
- transport of waste from WRCs to landfill in a combination of 60m³ and 30m³ roll on roll off bins and compactor bins. The City currently provides the trucks for transporting waste
- six closed or inactive landfill sites
- approximately 193,000 mixed waste MGBs and 185,000 recycling MGBs to detached dwellings. These are serviced by side-lift trucks. Kerbside mixed waste is collected weekly and kerbside recycling fortnightly
- voluntary (opt in) kerbside green waste service MGB currently at 39,000 services collected fortnightly by side-lift trucks
- approximately 7,000 commercial waste and 3,000 recycling MGBs serviced by side-lift trucks
- approximately 3,000 waste and 1,600 recycling bulk bins serviced by front lift trucks
- commercial food waste collection service (660 litre bulk bins) by front lift trucks
- two rural bulk bin stations (for customers who do not receive a kerbside collection service), located at Cliff Bird Park and Welches Pioneer Park.

In accordance with the *Waste Reduction and Recycling Act 2011*, the primary functions of WW are to:

- promote waste avoidance and reduction, and resource recovery and efficiency actions
- reduce the consumption of natural resources and minimise the disposal of waste by encouraging waste avoidance and the recovery, re-use and recycling of waste
- minimise the overall impact of waste generation and disposal

- ensure a shared responsibility between government, business and industry and the community in waste management resource recovery
- support and implement national frameworks, objectives and priorities for waste management and resource recovery.

Currently the largest service contract in WW is the waste collection contract which is due to expire in June 2023.

Scope of Works

The scope of works will include:

- Waste, recyclables, and food organics/garden organics (FOGO) collection and transportation services to domestic residents
- Mobile Garbage Bins (MGB) supply, delivery, storage, assembly, delivery and maintenance
- Commercial and industrial waste collection conducted within Controlled Waste Areas (CWA's)
- Public Place Bin (PPB) collections, including bin enclosure cleaning
- Collection services on South Stradbroke Island.

Challenges and Opportunities

WW is facing several challenges and opportunities over the next several years. To successfully meet the challenges and optimise outcomes from opportunities, WW is building capacity and capability via partnering arrangements with suitable service providers. The challenges and opportunities include but are not limited to:

- the resilience of the recycling sector and our requirement to ensure reliable recycling services are maintained with cost to households minimised
- maximising recovery of material for reuse, helping preserve resources for future generations
- increasing community expectations in respect to environment and value for money waste services
- stagnant recycling rates within the City
- significant fluctuations in commodity rates for recyclable material
- increased population, both permanent (particularly as a result of development infill and the increase in multi-unit developments) and visitors, resulting in increased waste generation
- a fluid regulatory environment, including the recent introduction of a waste levy and container refund scheme
- the need for improvement/replacement of waste systems, and updated data capture and reporting
- changing public attitudes towards alternative waste technology (AWT)
- expiration of current service contracts
- based on current services and community expectations, upgrades will be required to landfill and WRCs within the next several years
- revision of the public vs private sector resource composition and relationship.

The City's permanent population is expected to increase by a further 130,000 people over the next eight years. Many of these new residents will choose to live in medium to high density housing, close to facilities and services. This style of living has become increasingly common in the City. Population growth, the trend towards higher density living, and our significant visitor numbers present challenges for the City in the way we manage solid waste.

As a priority, the City aims to minimise the amount of waste entering the City's landfills and improve recycling and resource recovery. To achieve these goals, the City believes there is value in focusing on the below waste hierarchy, specifically:

- achieving better recovery of priority wastes, in particular organic waste materials such as food waste and green waste and mixed recyclables
- improving recycling in public places, high-density housing complexes, business premises and at events in the City
- reduction of solid waste to landfill.

Delivery

The City is undertaking market research to inform and allow finalisation of the project's contract delivery strategy. Information collated does not provide any company a competitive advantage in any subsequent tender process. Non-response will not preclude any industry participants/suppliers from participating in any future procurement process undertaken.

Objectives include to:

- maximise value by procuring waste services using the most cost-effective delivery model from a whole of life perspective
- deliver a waste collection approach that supports the move towards achieving the State waste recycling target of 70 per cent diversion by 2030
- develop local and social employment opportunity and linkages
- meet Local, State and Federal Government regulatory requirements.

Indicative Timeline

Anticipated Dates	Phase
Commencing May 2021	Market Sounding
November 2021	Public Tender Advertised
February 2022	Tender Close
June 2022	Contract Execution
June 2022 to June 2023	Transition
1 July 2023	Services Commence
TBD	Contract Term

Contact

Aidan Heading

City Procurement

07 5667 3786

aheading@goldcoast.qld.gov.au