



Sunnyvale

Provide Solid Waste Processing Proposal to City of Cupertino

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City of Sunnyvale, 6/27/2023



SMaRT Station® Details

- Sunnyvale Material Recovery Facility
- Capacity: 391,500 tons / year
- Operated by Bay Counties SMaRT



SMaRT Station Functions



Mixed Waste

- Process mixed waste to recover recyclables
- Residue is sent to Kirby landfill



Paper

- Processed from residential dual stream
- Fiber and OCC bales sent to market



Containers

- Processed from residential dual stream
- Aluminum, PET, HDPE bales sent to market



Food Scraps

- Converted to food mash
- Sent to SAFE for electricity generation



Yard Trimmings

- Chipped into smaller pieces
- Sent to Z-Best in Gilroy, becomes organic compost



Construction & Demolition

- Sorted on tip floor and clean wood and concrete recycled

City of Cupertino

- Waste Hauler - Recology
- Mixed Waste is currently landfilled at Newby
- Request For Proposal (RFP) for:
 - ◆ Garbage (Mixed Waste) processing and disposal for recovery of organics and other recyclables
 - ◆ Construction & Debris processing and disposal



Benefits to Partner Cities and Cupertino

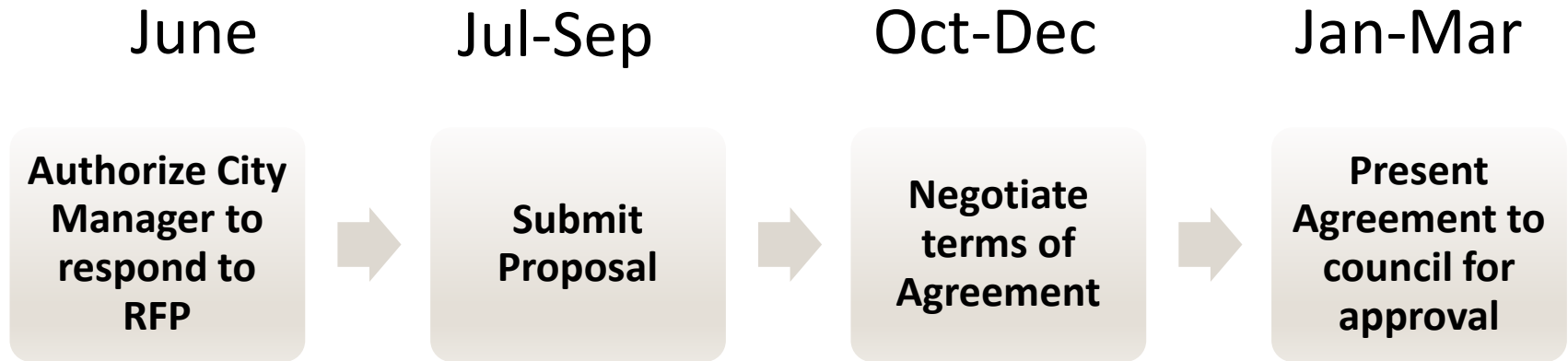
- Partner Cities (Sunnyvale & Mountain View)
 - ◆ Economies of scale
 - ◆ Reduced cost to existing partners
 - ◆ Utilize available capacity
- Cupertino
 - ◆ Meet Zero Waste goals
 - ◆ Increase landfill diversion (from 0% to 40%)

Proposal Details

- Cupertino seeking Merchant Proposal
- Pricing will take into account:
 - ◆ Operating costs
 - ◆ Landfill disposal costs
 - ◆ Equipment and facility maintenance
 - ◆ General Fund Costs
 - ◆ Capital costs (SMaRT Improvements)
- Likely term will be 10-15 years
- Pricing will reflect future known and unknown costs.



Next Steps



Staff Recommendation

Alternative 1: Authorize the City Manager to respond to Cupertino's RFP and negotiate with Cupertino and direct staff to return to Council upon successful negotiations for approval of an agreement with the City of Cupertino for the SMaRT Station to process Cupertino's mixed waste.



Thank you!