



DATE: March 15, 2016

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Citywide Trash Capture Project
Phase I, Project 16-53 – Authorize
Professional Services Agreement**

RECOMMENDATION

Authorize the City Manager to execute a professional services agreement with Schaaf & Wheeler, Consulting Civil Engineers, of San Francisco to provide design services for the Citywide Trash Capture Project Phase I, Project 16-53, in a not-to-exceed amount of \$274,430.

BACKGROUND

The San Francisco Regional Water Quality Control Board (RWQCB) Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit requires the City and other permittees to reduce trash load from stormwater systems by 40 percent by 2014, 70 percent by 2017, and nearly 100 percent by 2022.

The City has implemented a number of trash management actions, including the installation of trash capture devices in the storm drain system, the single-use, carry-out plastic bag ordinance and polystyrene foam food service ware ban, and creek/shoreline cleanups. Trash capture devices are vaults or other devices installed in the storm drain system that separate trash from stormwater. Trash is then removed by a large vacuum truck for disposal. Together, these actions have reduced the City's trash load by an estimated 41 percent.

To meet further reduction requirements, additional trash capture devices are planned.

ANALYSIS

The 2015 "Citywide Trash Capture Feasibility Study" (2015 Study) presented 10 areas where trash capture devices would be most effective. The Citywide Trash Capture Project Phase I, includes new devices in four of these areas: Latham Street, Villa Street, El Camino Real, and Coast Casey. These areas (shown in red on Figure 1) are

considered high trash generators due to commercial land uses or large stormwater drainage areas.

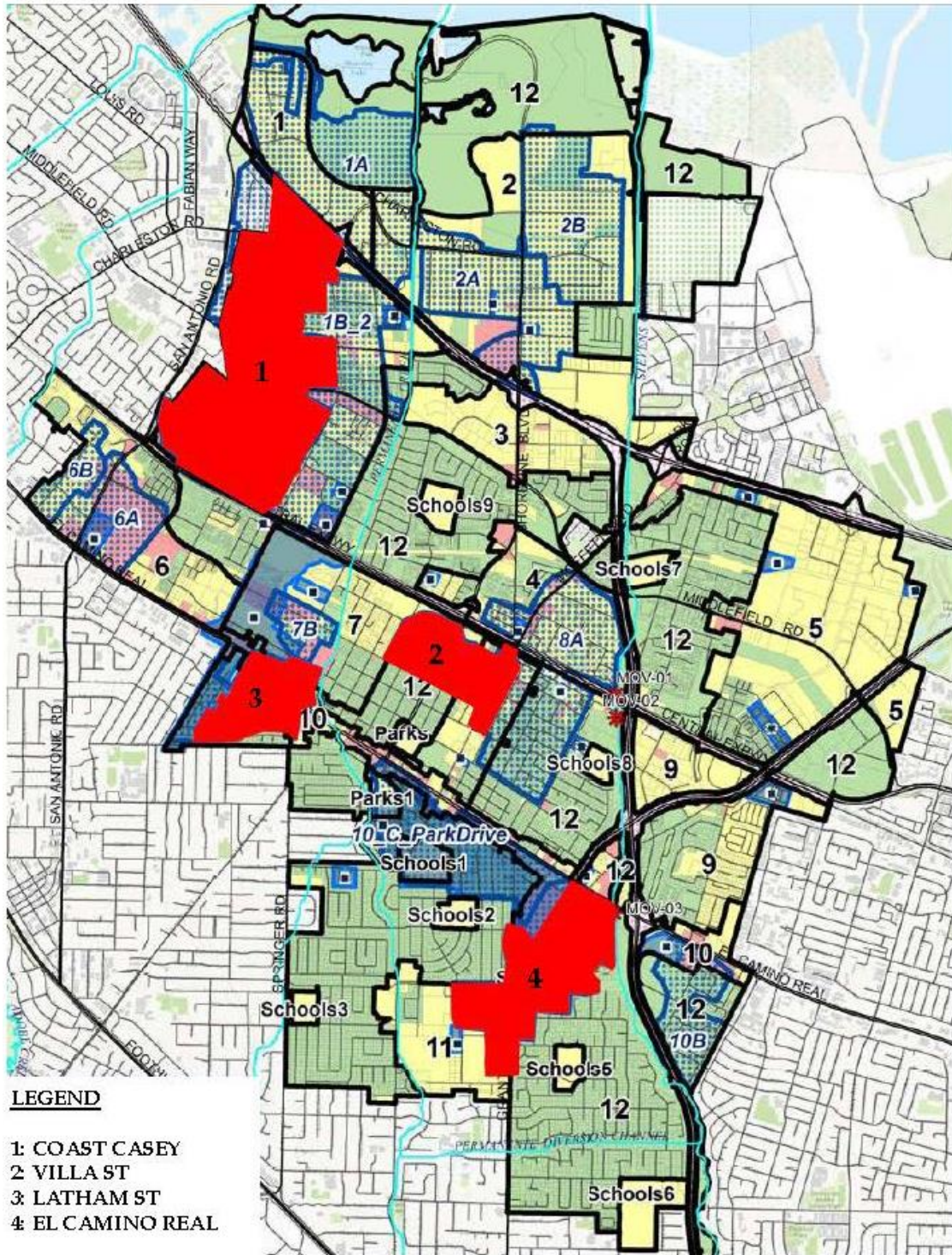


Figure 1

Staff recommends retaining Schaaf & Wheeler for engineering design services for the trash capture project. Schaaf & Wheeler was selected to prepare the 2015 Study after a competitive proposal process and successfully completed the Study. This effort provides Schaaf & Wheeler with extensive relevant experience and uniquely qualifies the firm for the project. In January 2016, staff requested that Schaaf & Wheeler prepare a proposal for design services. The recommended scope of services includes investigation of field conditions, design of devices in each of the four areas, assistance during bidding and construction, and investigation of alternative trash collection devices at Coast Casey Forebay and/or the Charleston Detention Basin. Staff considers the recommended scope of services and fees to be fair and reasonable (see Attachment 1).

If the recommended action is approved, design is expected to be complete in fall 2016, with construction planned in early 2017.

FISCAL IMPACT

The Citywide Trash Capture Project Phase I, Project 16-53, is funded with \$2,000,000 from the Wastewater Fund. The not-to-exceed contract amount of \$274,430 includes \$249,430 for basic services and a contingency in the amount of \$25,000. The project budget is adequate to fund the recommended action.

ALTERNATIVES

1. Do not approve the design service contract with Schaaf & Wheeler and direct staff to issue a Request for Proposals to additional firms.
2. Provide other direction.

PUBLIC NOTICING – Agenda posting.

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MG-LA/TS/7/CAM
911-03-15-16CR-E

Attachment: 1. Schaaf & Wheeler Scope of Work and Fees

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USM, PCE – Au, WS – Bleisner, SCE – Muench, AAIL – Grimm, JE – Gabon,
F/c (16-53)