



City of Emeryville

CALIFORNIA

MEMORANDUM

DATE: April 20, 2021
TO: Christine Daniel, City Manager
FROM: Mary Grace Houlihan, Public Works Director
SUBJECT: **Resolution Of The City Council Of The City Of Emeryville Authorizing The City Manager To Enter Into A Professional Services Agreement With Schaaf And Wheeler In An Amount Not To Exceed \$88,528.00 For Engineering Services Related to Storm Drain Large Trash Separators Project, EPW 107-18, CIP #18475009); CEQA Determination: Exempt Pursuant To State CEQA Guidelines 15061(b)(3) And 15063**

RECOMMENDATION

Staff recommends that the City Council adopt the above-entitled resolution authorizing the City Manager to enter into a contract with Schaaf and Wheeler for the design of Large Trash Separators in the City Storm Drain System Project No. EPW 107-18, CIP #18475009.

BACKGROUND

The City of Emeryville's Municipal Regional Stormwater Permit (MRP) administered by the San Francisco Regional Water Quality Control Board (Regional Board), requires that we reduce the amount of trash entering the San Francisco Bay through our municipal storm drain system. The Regional Board's reduction formulas show that Emeryville is currently at the equivalent of 78% trash/litter reduction from pre-MRP levels; future targets include an 90% reduction by July 1, 2023 and an expected requirement of 100% reduction, or no visual impact, by 2025.

The City has developed a Long-Term Trash Reduction Plan that identifies and ranks trash generating areas of the City and specifies actions to be implemented to address specific areas. In areas with moderate-to-high trash generation, the plan calls for installation of trash recovery units in the stormwater system for full trash capture, which is the Regional Board's preferred method of trash reduction. Full trash capture can be done in two main ways: with connector trash screens in individual inlets, and with larger, subterranean "hydrodynamic separator" (HDS) devices at strategic points in the stormwater system to capture trash from broader areas of the city. This project, to design an HDS system to capture stormwater from the City's highest trash generation zones, will help the City reach its targets.

The installation of this HDS unit is an essential step towards reaching the 90% trash reduction target by 2023.

City staff issued a Request for Qualifications in late 2018 to select an Engineering Consultant to assess where to implement HDS units in the City and to ultimately design

the systems. Three consultants submitted responses to the Request for Qualifications. Schaaf and Wheeler was selected as the most qualified and experienced consultant for this project. The City Council authorized a Professional Services agreement at the December 18, 2018 Council meeting.

Schaaf and Wheeler successfully performed consulting services for the preliminary assessment phase of the project.

DISCUSSION

The next phase of the Large Storm Drain Separator project is to prepare plans and specifications for the installation of hydrodynamic separators in the storm sewer system of the City. HDS units are stormwater management devices that use cyclonic separation to control pollution in stormwater. They are designed as flow-through structures with a settling or separation unit to remove trash, sediment, and other pollutants. An HDS unit boasts excellent pollutant removal and retention and eliminates the need for numerous additional structures.

City staff has been working with Caltrans to consider the HDS units for funding through the Cooperative Implementation Agreement (CIA) program. Through this program Caltrans partners with cities and districts to fund construction of trash capture units. Caltrans is subject to a similar MRP as Emeryville and through the CIA program Caltrans receives trash capture credit in order to stay in compliance with the regulatory compliance requirements of San Francisco Bay Regional Water Quality Control Board.

Initial recommendations by Caltrans have identified a HDS unit at the north end of Emeryville east of I-80 as eligible for funding through the CIA program. Should the City and Caltrans enter into a Cooperative Implementation Agreement, City for costs related to planning, design, environmental studies, easements, and construction of an HDS unit would be eligible for reimbursement. Additional technical information is required to comply with the eligibility requirements for the Caltrans CIA program. Consultant support is required to complete these requirements.

Schaaf and Wheeler has provided a scope of work in the amount of \$88,528 to prepare the technical information required for the CIA, project support and to prepare plans and specifications for the proposed HDS unit. Schaaf and Wheeler has provided reliable and professional engineering support for the project and their continued support is beneficial to the City and the project.

Should Council authorize the contract with Schaaf and Wheeler, staff will work with Schaaf and Wheeler to complete the technical data required by Caltrans to qualify for the funding. Staff anticipates to then return Council with the Cooperative Agreement for consideration.

ENVIRONMENTAL REVIEW

This project is exempt from CEQA pursuant to state CEQA Guidelines 15061(b)(3) and 15063 because the project is a minor modification to existing infrastructure, with the purpose of protecting the existing environment.

FISCAL IMPACT

The Schaaf and Wheeler agreement in the amount of \$88,528 is proposed to be funded from existing authorized funds from Large Trash Separators in the City Storm Drain System Project No. EPW 107-18, CIP #18475009.as follows:

Project Number -18475009	Fund 475	\$88,528
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STAFF COMMUNICATION WITH THE PUBLIC

There have been no staff communications with the public as of this time, although the trash reduction requirement itself has been the subject of many public hearings at the Regional Board.

CONCLUSION

Staff recommends the City Council adopt the above-referenced resolution.

PREPARED BY: Nancy Humphrey, Environmental Programs Supervisor

**APPROVED AND FORWARDED TO THE
CITY COUNCIL OF THE CITY OF EMERYVILLE:**



Christine Daniel, City Manager

ATTACHMENTS

- Draft Resolution
- Professional Services Agreement & Scope of Work