



Office of the City Manager

CONSENT CALENDAR
July 25, 2023

To: Honorable Mayor and Members of the City Council
 From: Dee Williams-Ridley, City Manager
 Submitted by: Liam Garland, Director, Department of Public Works
 Subject: Contract: Wood Rodgers, Inc. for Stormwater Master Plan

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to execute a professional services contract with Wood Rodgers, Inc. in an amount not to exceed \$1,900,000 for the development of a comprehensive Stormwater Master Plan (SWMP). A comprehensive SWMP would identify key deficiencies in the stormwater system, prioritize capital improvement projects, identify funding needs, develop City specific drainage design standards, and update maintenance and inspection plan for stormwater facilities.

FISCAL IMPACTS OF RECOMMENDATION

Funding for the SWMP in the amount of \$1,000,000 is available in the FY 2023 – FY 2026 budget in the Clean Storm Water Fund (616). Funding currently budgeted for the SWMP in FY 2023 will be rolled over to FY 2024. An additional \$400,000 in funding will be recommended for appropriation in the FY 2025 and FY 2026 budget adoption in the Capital Improvement Fund (501). This additional funding will cover evaluation of creeks, creek culverts, Aquatic Park, and other project elements not eligible for funding from the Clean Stormwater Fund (616).

A breakdown of funding needs for the SWMP is included in **Table 1**.

Table 1: SWMP Funding Sources

Fund	FY 2024	FY 2025	FY 2026	Total
Clean Stormwater Fund (616)	\$1,000,000	\$500,000	-	\$1,500,000
Capital Improvement Fund (501)	-	\$200,000	\$200,000	\$400,000
Total Funding	\$1,000,000	\$800,000	\$300,000	\$1,900,000

CURRENT SITUATION AND ITS EFFECTS

A Request for Proposal (RFP) was issued on February 24, 2023 (Specification No. 22-11505-C) seeking firms qualified to develop comprehensive stormwater master plans.

On April 13, 2023, the City received a proposal from one firm, Wood Rodgers. A panel of City staff reviewed the proposal and held an interview with Wood Rodgers' team.

Following an evaluation of the proposer's team experience in completing similar projects and a thorough check of client references which include several local agencies for which Wood Rodgers has provided stormwater master planning services, City staff found Wood Rodgers to be highly qualified to prepare the City's Stormwater Master Plan.

BACKGROUND

The City maintains approximately 93 miles of storm drain pipelines and appurtenant structures in the public right-of-way and in easements. In addition, the City is responsible for the maintenance of approximately 0.5 miles of open creeks and nearly 4 miles of creek culverts running in the right of way or in City owned properties. A majority of the City's stormwater assets are nearing or past their expected useful life and others require an evaluation of hydraulic capacity.

In addition to maintaining its aging stormwater system, the City implements programs to comply with water quality regulations and requirement established by the Municipal Regional Stormwater NPDES Permit (MRP). The most current MRP expands on previous permits and establishes requirements for the control and reduction of non-stormwater and polluted stormwater discharges to storm drains and watercourses. Permit provisions include requirements for the implementation of stormwater treatment measures for regulated development and redevelopment projects including road reconstruction projects; stormwater inspection programs for industrial and commercial facilities; construction site controls; community outreach and education programs on the impacts of stormwater pollution; and trash controls needed to meet mandated trash load reduction targets.

The development of a comprehensive stormwater master plan would provide the City an updated inventory of system-wide deficiencies and establish a capital stormwater improvement plan to address these deficiencies based on an equity and risk-based prioritization model. The master plan would also provide updated maintenance and inspection plans for the City's stormwater assets and identify green infrastructure implementation opportunities to allow the City to meet its MRP stormwater treatment targets. The SWMP would also analyze potential funding mechanisms to supplement current funding levels for the program as needed to support enhanced operations, regulatory compliance implementation, and capital improvements identified in master plan. If approved, the project will begin in September of 2023 and is expected to be completed in the first half of FY 2026.

Development of the SWMP supports the Strategic Plan goals of providing state-of-the-art, well-maintained infrastructure, amenities, and facilities, and of creating a resilient, safe, connected, and prepared City.

ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

The SWMP will incorporate a long-range planning horizon which would incorporate projected sea level rise, increased precipitation intensities, and associated impacts to the City's storm drain infrastructure. The SWMP will also build on the City's Green Infrastructure Plan by identifying multi-benefit green infrastructure implementation opportunities which can contribute to a reduction in peak runoff flows, removal of

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pollutants from storm runoff, an increase in green space, and a reduction of the urban heat island effect.

RATIONALE FOR RECOMMENDATION

Wood Rodgers is highly qualified to prepare the City's comprehensive SWMP which will reflect current and future development trends, stormwater quality requirements, climate change, flood control, and funding realities. The SWMP is an essential part of future capital improvement planning and a key piece in ensuring the City remains compliant with stormwater permits.

ALTERNATIVE ACTIONS CONSIDERED

No other alternative actions were considered. The City does not have the staff time or expertise to prepare a comprehensive stormwater master plan.

CONTACT PERSON

Ron Nevels, Interim City Engineer/Manager of Engineering, Department of Public Works, 981-6439

Srinivas Muktevi, Supervising Civil Engineer, Department of Public Works, 981-6402

Attachments:

1: Resolution: Contract with Wood Rodgers, Inc.

RESOLUTION NO. ##,###-N.S.

CONTRACT: WOOD RODGERS, INC. FOR STORMWATER MASTER PLAN

WHEREAS, the City desires to retain an engineering consulting firm for the development of a comprehensive Stormwater Master Plan to identify deficiencies in City's stormwater system, prioritize capital improvement projects, identify funding needs, develop City specific drainage design standards, and update maintenance and inspection plans for stormwater facilities; and

WHEREAS, City staff do not have the expertise or availability to prepare a comprehensive stormwater master plan; and

WHEREAS, on February 24, 2023, the City released a Request for Proposal (Specification No. 22-11505-C) seeking firms or individuals qualified to develop comprehensive stormwater master plans; and

WHEREAS, on April 14, 2023, the City received one submission from Wood Rodgers, Inc.; and

WHEREAS, a panel of City staff reviewed the proposal and held an interview with the Wood Rodgers team; and following an evaluation of the proposer's team experience and a thorough check of client references which include several local agencies for which Wood Rodgers has provided stormwater master planning services, City staff found Wood Rodgers to be highly qualified to prepare the City's Stormwater Master Plan; and

WHEREAS, the desired professional consulting services required for the completion of the Stormwater Master Plan shall not exceed \$1,900,000; and

WHEREAS, funding for the SWMP in the amount of \$1,500,000 is available in the FY 2023 – FY 2026 budget in the Clean Storm Water Fund (616). Funding currently budgeted for the SWMP in FY 2023 will be rolled over to FY 2024. An additional \$400,000 in funding will be recommended for appropriation in the FY 2025 and FY 2026 budget adoption in the Capital Improvement Fund (501).

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Manager is authorized to approve a contract with Wood Rodgers, Inc. for the development of the Stormwater Master Plan in an amount not to exceed \$1,900,000. A record signature copy of said contract and any amendments to be on file in the Office of the City Clerk.