

South Bay Cities Council of Governments

February 13, 2017

TO: SBCCOG Steering Committee

FROM: Jacki Bacharach, SBCCOG Executive Director

SUBJECT: Consultant Services Contract with Tetra Tech from Dominguez Channel Enhanced Watershed Management Program Group Solicitation (TOS) for Green Street Implementation Plan and Report of Waste Discharge (ROWD) and Sole Source Justification

BACKGROUND

This issue is before the Steering Committee because the SBCCOG is the administrative agent for the Dominguez Channel (DC) Enhanced Watershed Management Working Group.

The DC Enhanced Watershed Management Program (EWMP) outlines the extent of structural control measures at the *subwatershed-scale* to comply with water quality regulations. Green streets constitute a substantial portion of the recommended control measures—accounting for over 400 lane miles of new stormwater infrastructure (and approximately 80 percent of the \$1 billion price tag) for the DC EWMP area.

Despite the need for actionable and cost-effective BMPs, the EWMP does not contain sufficient detail to identify *specific project-by-project* green street opportunities to meet interim and final milestones--as commented on by the Regional Water Quality Control Board (RWQCB) and non-governmental organizations (NGOs). In fact, permit compliance is contingent upon the DC EWMP group reporting “*...progress toward a structured approach to identifying a sufficient number of green street projects to meet compliance milestones (e.g., a green streets master plan),*” per the RWQCB.

Considering the extensive quantity of green streets prescribed to meet water quality, and the need to comply with annual reporting requirements, the DC EWMP group must design a programmatic approach to rapidly find and prioritize specific stormwater capture projects.

Pursuant to California Water Code Section 13260, persons or entities discharging or proposing to discharge waste that could affect the quality of the waters of the State, other than into a community sewer system, shall file a Report of Waste Discharge (ROWD) containing information as required by the appropriate Regional Board. The current MS4 Permit expires on December, 28, 2017. In accordance with Title 23, Division 3, Chapter 9 of the California Code of Regulations and Title 40, Part 122 of the Code of Federal Regulations, each watershed area shall file an ROWD as application for issuance of new waste discharge requirements to continue the requirements regulated by the Permit after the expiration date of this Order.

As such, the DC EWMP Group is required to submit an ROWD in fulfillment of these requirements, and has elected to submit a watershed-wide ROWD that supports the Dominguez

Channel Enhance Watershed Management Program Group (DCEWMP or Group) consisting of the cities of Carson, El Segundo, Hawthorne, Inglewood, Lawndale, Lomita, and Los Angeles, (including the Port of Los Angeles), the County of Los Angeles and the Los Angeles County Flood Control District (LACFCD).

SOLE SOURCE JUSTIFICATION

The DC EWMP Group agrees that Tetra Tech is the sole qualified consultant to prepare the Green Street Implementation Plan and ROWD because of (1) their extensive background developing the Watershed Management Modeling System and the Enhanced Watershed Management Programs throughout Los Angeles County, (2) their successful revision of the Dominguez Channel Coordinated Integrated Monitoring Program, (3) their keen understanding and involvement with water quality project design in the Dominguez Channel WMA, and (4) their ongoing experience leveraging high-resolution data to efficiently identify potential green street projects throughout Southern California.

Tetra Tech's applied understanding of the MS4 permit process--from strategic planning, to implementation and monitoring, to reporting and adaptive management—is evidenced by their involvement in numerous integrated watershed management projects throughout the region, including design and construction of the first regional stormwater quality project directly resulting from a Watershed Management Program (i.e., the Bolivar Park Stormwater Capture Project in Lakewood, California). Tetra Tech has also initiated the 30% design of the Alondra Park regional stormwater capture facility for the County of Los Angeles in the Dominguez Channel WMA.

Additionally, Tetra Tech is the first consultant to be awarded an as-needed stormwater technical support contract with the Sanitation Districts of Los Angeles County, pursuant to Senate Bill 485. This represents a strategic opportunity to investigate the role of integration between the stormwater and wastewater systems in the Dominguez Channel WMA. As a consultant to the Sanitation Districts, Tetra Tech has supported the City of Carson by preparing a feasibility analysis of the Carriage Crest Park stormwater capture facility, and is currently preparing the full design documentation. Tetra Tech's ongoing projects with local groundwater resource managers (Water Replenishment District of Southern California) also present opportunities for coordination and cost sharing between the DC EWMP Group and other agencies to reduce total spending. Finally, Tetra Tech's respected relationships with local (Regional Water Quality Control Board) and state (EPA Region 9) regulators will help ensure that the implementation plan and the ROWD are favorably accepted by regulators and that the DC EWMP Group is recognized for their innovative and unified response to regional water quality impairments.

The DC EWMP group unanimously agreed to pursue the Scopes of Work (SOWs) proposed by Tetra Tech with excess monitoring funds secured and held by the South Bay Cities Council of Governments (SBCCOG), and to have the SBCCOG act on behalf of the DC EWMP Group as their contract facilitator.

SCOPE OF SERVICES

The DC EWMP Group (DC Group) would like the SBCCOG to contract with Tetra Tech on behalf of the Group to develop a programmatic approach that will implement and validate a Green Street Implementation Planning Framework customized to the needs and milestones set forth in the DC EWMP. Moreover, the program would generate a 5-year strategic plan, inclusive of all 79 square miles of the DC EWMP area (and over 1,400 linear miles of roadway) to be investigated using advanced analytical techniques to identify and prioritize water quality projects. This proof-of-concept framework would be applicable watershed-wide resulting in a 5-year project implementation plan meeting the collective goals of both the individual Cities and the overall DC EWMP Watershed Management Group (WMG).

The following provides more details regarding the services from the qualified consultant:

Task 1: Develop a GI Planning Framework in the DC EWMP Watershed Management Area, which would benefit the programmatic requirements of the DC EWMP

Deliverables:

- Candidate Project Geodatabase
- Planning Framework Demonstration

Task 2: Develop a 5-year Green Street Implementation Plan

Deliverables:

- Pilot Master Plan Demonstration Technical Memorandum
- 5-Year GI Implementation Plan

Task 3: Develop Watershed-wide Report of Waste Discharge (ROWD)

Deliverables

- Draft ROWD
- Final ROWD

3. Term of Engagement

The term of engagement is twenty-four months from the issuance date of Notice to Proceed (NTP) anticipated to be February 15th, 2017. The cost ceiling for these tasks is approximately \$369,911 (firm fixed price), not including optional tasks. Invoices will be submitted monthly on a percentage of completion basis.

4. Schedule and Invoicing

The costs for this contract shall be funded via the excess funds held in part from the DC Coordinated Integrated Monitoring Program (CIMP) that includes contingency funds, Individual Industrial Permittee (IIPs) payments, and unused monitoring costs. The Group wishes to use the IIP monies to offset the total contract cost. Thereafter, the Group agrees to cost share the remainder of the contract in accordance with the cost breakdown as described in the DC CIMP Memorandum of Agreement (MOA) as evidenced in Exhibit A; whereby, each Participating Partner Agency is responsible for a cost of this contract dependent on their drainage area in the DC WMA.