



**City of Los Angeles  
Department of Public Works  
Bureau of Sanitation**

**Pre-Qualified Sanitation On-call Consultant Services Contract**

**Task Order Solicitation for Total Maximum Daily Load (TMDL) Specialized  
and Expert Services – TOS-S14**

**April 2009**

**1. INTRODUCTION**

The Watershed Protection Division (WPD) of the Bureau of Sanitation plans to utilize consultants to provide specialized and expert services for TMDLs, sometimes on an emergency basis, during the course of a **three-year period**. These services may include, but are not limited to investigation, analyses, review, responds to draft documents, communications, and/or related work relative to TMDL projects, issues, concerns and potential impacts affecting the Bureau.

The Clean Water Act requires TMDLs for all waters for which technology-based controls are not sufficient to meet Water Quality Standard (WQS). A TMDL is the sum of the allowable loads of a single pollutant from all contributing point and non-point sources. A WQS is comprised of a designated “beneficial use,” water quality criteria applicable to the beneficial use, and, if applicable, federally required anti-degradation policy provisions.

The watersheds in the City of Los Angeles where TMDLs need to be developed include the Los Angeles River, Ballona Creek, Santa Monica Bay, Marina Del Rey, and the Dominguez Channel/Los Angeles Harbor watersheds. TMDL development for these watersheds must be within 13 years as mandated by a 1999 court-ordered consent decree between the U.S. Environmental Protection Agency (U.S. EPA) and a number of environmental organizations.

As of December 31, 2008, U.S. EPA has approved 13 TMDLs for the Los Angeles River, Ballona Creek, Santa Monica Bay, Marina Del Rey, and the Dominguez Channel/Los Angeles Harbor watersheds. More TMDLs are anticipated to be developed for the watersheds in the coming years.

Addressing WQS issues and conducting the relevant scientific studies becomes important as TMDLs continue to be developed in the various watersheds within the City. In view of the consent decree schedule, the TMDL technical requirements, and other emerging TMDL related regulatory issues, the City faces increasing challenges that must be addressed in order to meet the regulatory and environmental needs of its jurisdiction.

The City's Bureau plays an important part in meeting these challenges. The Bureau operates and maintains an integrated wastewater system that serves 4 million people, and meets the many federal and state regulations governing its operations and programs including pretreatment, wastewater collection and treatment, and urban runoff and stormwater management. The Bureau is also a co-permittee of Los Angeles County storm water permit (MS4). The U.S. EPA, the State Water Resources Control Board (SWRCB), and the Los Angeles Regional Water Quality Control Board (LARWQCB) regulate the Bureau's wastewater and stormwater activities, and TMDL compliance.

To date, the Bureau has made important strides in its effort to comply with TMDL regulations and protect and improve its watersheds. The WPD within the Bureau is responsible for addressing the many storm water related regulatory and legislative issues and requirements, including TMDLs, in a timely manner. However, the increasing technical nature of these requirements and time constraints posed by TMDLs call for specialized and expert services to ensure that the Bureau's TMDL needs and requirements are met. In addition, such expert services can support the Bureau in its effort and commitment to identify and develop innovative and effective solutions and strategies for TMDL issues, and concerns through partnerships with its communities, environmental groups, and regulatory agencies.

## **2. SCOPE OF WORK**

The Bureau of Sanitation plans to utilize consultants to provide specialized and expert services for TMDLs, sometimes on an emergency basis, during the course of a **three-year period**. This work shall include, but is not limited to: conducting technical analysis; organize and conduct scientific studies; preparing technical and regulatory documentation for TMDLs; preparing technical packages; provide hearings and testimony support; and providing database programming and initial database management, support and training for all data resulting from TMDL monitoring, as well as the City's Status and Trends Monitoring Program.

Consultant staff will provide the following services:

### **Task 1: Technical, Regulatory, and Expert Services for TMDL and Related Issues**

Provide expert, technical, regulatory and support services in the review, analysis, and/or development of TMDLs including evaluation of TMDLs, re-opener, modeling, biological and chemical assessments, source analysis, analysis of control options, load, and waste load allocations; review and draft comments for draft TMDLs released for public comments; and evaluation and/or development of approach, options and strategies.

Deliverables:

1. Provide technical and regulatory review and analysis of TMDL and related issues and documents including existing and proposed legislation, regulations, and policies, and evaluate impacts of these on the Bureau's programs with respect to operations, compliance, and costs.
2. Identify and develop alternative approach and strategies for TMDL-related issues and concerns. This includes innovative and creative methods of strategies, factors, and endpoints not originally envisioned by regulators, the regulated community, and public interest groups.
3. Provide specialized and expert services to support or develop TMDLs, including modeling, biological and chemical assessment of ambient receiving water conditions, analysis of control options, and load and waste load allocations.
4. Conduct other pertinent work that is related to TMDL development, review, and analyses including review of background information, relationship and impact to other permits and operation, and preparation of related reports and documents.

## **Task 2: WQS Special Studies in Support of TMDL**

Provide technical expertise and services in WQS review and special studies to support TMDL development, re-opener and compliance.

Deliverables:

1. Provide specialized regulatory and technical services to the Bureau in conducting WQS special studies in support of TMDL development for the various watersheds of the City. These studies may include examining criteria exceedances, reviewing all applicable regulations, criteria and guidance, examining beneficial use designations, site-specific objectives studies, water effects ratios, source assessments, use attainability analyses, and other related investigations.
2. Conduct other pertinent work in support of WQS studies including literature reviews, data set studies, surveys, development of protocols, data collection, and analyses, preparation of reports, and recommendations.

## **Task 3: Related Services**

Provide other related services and products, as requested.

Deliverables:

1. a) Create a database that manages all data generated from TMDL compliance monitoring and the City's Status and Trends Monitoring Program,

including queries and reports as specified by the City (all software licenses to be provided by consultant firm), and

b) Train select City staff in use and maintenance of database and manage and support database until City staff is trained in its use and maintenance.

2. Assist and provide technical support for the Bureau at meetings before the SWRCB, LARWQCBs, regulatory and regulated agencies.

3. Support and encourage participation, and involvement of communities and environmental groups in applicable TMDLs and WQS issues.

Note: As the TMDL and WQS regulatory and legislative arena changes its appearance regularly, the Bureau may ask the contractor/consultant to perform related work that is not explicitly itemized in this TOS.

### **3. Term of Engagement**

The term of engagement is three years. It is estimated that the cost ceiling for this TOS is approximately \$1,500,000.

### **4. Solicitation Schedule**

- Issue Task Order Solicitation ..... Date of Cover Letter
- Receive Solicitation Responses ..... 28 days after issuance of TOS
- Conduct Interviews if necessary..... 5 weeks after issuance of TOS
- Select and Negotiate..... 7 weeks after issuance of TOS
- Issue Task Work Order.....12 weeks after issuance of TOS

### **5. Solicitation Response Requirements**

Five (5) copies shall be submitted no later than 2:00 PM, 28 days after the date the TOS was issued. Solicitation Responses shall be submitted to the Wastewater Engineering Services Division, 2714 Media Center Drive, Los Angeles, California 90065, Attention: Debbie Pham.

Solicitation Responses shall include:

- Resumes demonstrating that the candidates are capable of meeting the requirements of the Scope of Work. Resumes shall include work experience history with dates, and references from past employers, owners, and/or organizations.
- Proposed Hourly Billing Rate Summary (Sample Attached).
- MBE/WBE/OBE subcontractors utilized and the percent utilization.
- Cost calculations for each individual candidate considering all direct and indirect costs.

- Proposed Project Cost Worksheet estimated cost by tasks. (all respective direct and indirect costs, markups, expenses, overhead rates and profit)

## **6. Selection Criteria**

The selection team will evaluate the proposals with the following criteria:

- Capability and experience to provide the Scope of Services as demonstrated by the proposal.
- Expert knowledge, and work experience associated with understanding of the issues, regulatory requirements, and approaches related to TMDLs in Southern California.
- Knowledge and understanding of the Bureau's strategies and goals in TMDL development and water quality related activities.
- The value offered to the City considering cost in comparison to capabilities and experience of the candidates.
- Expert knowledge and experience in TMDL and water quality issues in relation to storm water and wastewater, and City facilities, operations, and practices.
- Proven capability in conducting scientific studies and analysis supporting TMDL development.
- Ability to effectively and rapidly meet on going needs for the TMDL and water quality related stakeholder activities.
- Candidates' knowledge of the City facilities and other environmental media, procedures and practices.
- Expertise in database programming and support.

## **7. Suggested MBE/WBE Participation Levels**

A participation level of 18 percent for MBE and 4 percent for WBE is suggested.

## **8. Contract Manager**

The City's Contract Manager is Ali Poosti, Assistant Division Manager, Wastewater Engineering Services Division, (323) 342-6228. The Task Order Manager is Ms. Donna Chen, Assistant Division Manager, Watershed Protection Division, (213) 485-3928.

## **9. Disclaimer**

The City may or may not decide to award any or part of this task order based on its sole convenience and shall not be responsible for any solicitation response costs.

**HOURLY BILLING RATES**  
(To be submitted for each Task Order Solicitation)

FIRM	Status	Last Name	First Name	Position	Rate (\$/hr)	Approved Overhead Rate	Approved Profit	Billing Rate (\$/hr)	Effective Date	Notes
PRIME FIRM	Prime	LastPrime	FirstPrime	Task Manager						
PRIME FIRM	Prime	LastPrime	FirstPrime	Sr Engineer						
PRIME FIRM	Prime	LastPrime	FirstPrime	Associate Engineer						
PRIME FIRM	Prime	LastPrime	FirstPrime	Technician						
OBE FIRM NAME1	OBE	Last	First	Position						
OBE FIRM NAME2	OBE	Last	First	Position						
MBE FIRM NAME1	MBE	Last	First	Position						
MBE FIRM NAME2	MBE	Last	First	Position						
WBE FIRM NAME	WBE	Last	First	Position						

Firm Name	Status	Fee	% Fee
OBE FIRM NAME1	OBE		
OBE FIRM NAME2	OBE		
MBE FIRM NAME1	MBE		
MBE FIRM NAME2	MBE		
WBE FIRM NAME	WBE		

Summary	Total Fee (\$)	% Fee
Total OBE		
Total MBE		
Total WBE		
Prime		
Total		100%