

Request for Statement of Interest and Qualifications (SIQ)

THIS PROJECT FUNDED BY THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA)
(Total Federal Allocation for all TMDL Projects Not to Exceed \$201,000.00)

“Water Quality Modeling Revision of TMDLs for Oxygen-Demanding Substances, Lead, and Fecal Coliform Bacteria for Selected Waterbodies in Louisiana”

DEQ SIQ No. 5311-10-02

October 7, 2009

The Louisiana Department of Environmental Quality (the Department) hereby invites you to submit a Statement of Interest and Qualifications (SIQ) for engineering assistance as described in the scope of services (Enclosure 1).

The proposed contract(s) will be negotiated with the firm selected by the Department and will begin approximately *January 1, 2010*.

The general criteria to be used by the Department in evaluating responses for the selection of a potential contractor to perform these services are:

- | | | |
|----|--|-------------------|
| 1. | <u>Specialized Experience (Firm and Key Personnel)</u>
Measures both the firm’s and key personnel’s demonstrated experience and performance on work similar to that likely to be required on this project. | 40 points |
| 2. | <u>Professional Qualifications</u>
Measures the personal qualifications of key personnel expected to participate on this project, including academic attainment, professional achievements and relevant experience. | 25 points |
| 3. | <u>Capability of Firm</u>
Measures the ability of the firm to provide the technical/professional disciplines necessary to perform these services within the designated time frame. | 25 points |
| 4. | <u>Cost</u> | 10 points |
| | TOTAL | 100 points |

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October 7, 2009

Should you wish to respond to this request for an SIQ please submit four (4) copies of a written statement expressing your willingness to comply with the terms specified herein. **Elaborate proposals are neither required nor desired. The Department prefers a simple presentation and discourages extensive use of artistic designs, use of hard binders, etc.** Included in your SIQ should be (1) **an executive summary stating the firm's particular expertise, resources and advantages they will bring to the project and why the submitting team would be the best selection for the project. This summary is limited to two pages;** (2) A preliminary work outline for the modeling process. This outline should identify the principal tasks which the firm feels should be addressed during the modeling process, together with the relevant experience of the individual responsible for each task. In the event the SIQ contains subcontractors, the particular task they will perform together with the relevant experience should be included. Subcontractors listed must be filed with the Louisiana Secretary of State, Corporation Division, and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

NOTE: Travel and other allowable expenses shall be reimbursed in accordance with the Division of Administration State General Travel Regulations, within the limits established for State Employees, as defined in Division of Administration Policy and Procedure Memorandum No. 49(Revised 7-09)
<http://www.doa.louisiana.gov/osp/travel/travelpolicy.htm>

Any and all questions regarding this SIQ must be submitted in writing to the Department by 3:00 p.m., October 22, 2009.

Questions may be mailed to:

Lisa Miller
Financial Services Division
Louisiana Department of Environmental Quality
P. O. Box 4303
Baton Rouge, LA 70821-4303

or submitted by e-mail to: Lisa.Miller@la.gov

Questions will also be accepted by FAX at (225) 219-3823.

Responses to these questions will be posted approximately October 22, 2009, and can be accessed by going to www.deq.louisiana.gov/RFP. Additionally, Questions and Answers will also be posted to LaPac. It is the responsibility of potential proposers to check the web site prior to submitting their proposal to verify that they have the most recent updates (i.e. questions and answers, addendums, additional information, etc.). Proposals that do not use the most recent updates **will not** be considered. Questions and answers that may potentially result in the disclosure of information from proposals of competing proposers will not be published.

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Proposals must be provided to the Department no later than 3:00 p.m., **November 6, 2009**, to:

Ms. Lisa Miller
Financial Services Division
Louisiana Department of Environmental Quality
P. O. Box 4303
Baton Rouge, LA 70821-4303

Proposals may also be hand delivered to the Department of Environmental Quality located at 602 N. 5th Street, Baton Rouge, LA 70802 or emailed to Lisa.Miller@la.gov. The selected firm will be posted on the Department of Environmental Quality web page at www.deq.louisiana.gov/RFP.

All potential contractors should be advised that contractors may, in certain circumstances be deemed “public employees” as defined by the Ethics Commission. **Full disclosure to the Department is required of any potential conflicts.** Any potential conflicts shall be resolved with the Ethics Commission prior to seeking a contract. The commission on Ethics for Public Employees is located at 7434 Perkins Road, Baton Rouge, LA 70808; telephone number (225) 765-2308.

According to the provisions of LA. R.S. 12:301-302, any corporation which is not incorporated in the State of Louisiana must obtain a certificate of authority to transact business in Louisiana from the Louisiana Secretary of State, Corporations Division, 3851 Essen Lane, Baton Rouge, Louisiana 70809, Phone no. (225) 925-4704.

For-profit and non-publicly traded corporations must provide a Disclosure of Ownership form when contracting with the Department. The Disclosure of Ownership should not be submitted with SIQ. However, prior to contracting with the Department, the forms must be completed, notarized, and submitted to the Louisiana Secretary of State, Corporations Division, 3851 Essen Lane, Baton Rouge, Louisiana 70809 and a copy stamped by the Corporations Division must be provided to the Department.

The firm, engineers, or surveyors that will accomplish the work as described in Enclosure 1, Scope of Services, shall be certified by the Louisiana State Board of Registration for Professional Engineers and Land Surveyors and shall possess current licenses throughout the term of the contract. The firm, engineers, or surveyors shall provide all services in compliance with the registration law for Professional Engineers and Land Surveyors (L.R.S. 37:681 through 37:703 as amended by Act 568 of 1980) and the rules of the Board of Registration for Professional Engineers and Land Surveyors.

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Enclosures

(1) Scope of Services

(2) Indemnification Agreement

REQUEST FOR STATEMENT OF INTEREST AND QUALIFICATIONS
BY
OFFICE OF ENVIRONMENTAL ASSESSMENT
WATER QUALITY ASSESSMENT DIVISION
FOR
WATER QUALITY MODELING FOR TMDLS FOR OXYGEN-DEMANDING
SUBSTANCES, LEAD, AND FECAL COLIFORM BACTERIA
FOR SELECTED WATERBODIES IN LOUISIANA

INTRODUCTION

Louisiana’s Department of Environmental Quality has developed total maximum daily loads (TMDLs) for a number of watersheds during the period 1999 through present in order to meet the requirements of section 303(d) of the federal Clean Water Act and assist the U.S. EPA in meeting the deadlines for completion of TMDLs established by the court consent decree of 2002. Under section 303(d) of the Clean Water Act, TMDLs must be developed for waterbodies that are not meeting water quality standards. Due to limited resources and the large workload involved in developing the required TMDLs, LDEQ is seeking assistance in order to complete these tasks. Specifically, LDEQ is seeking assistance in the development of TMDLs for lead and fecal coliform bacteria for the waterbodies listed in the table on the following page. This work must be completed by September 30, 2010. Interested contractors are asked to submit statements of interest and qualifications for this work.

SCOPE OF SERVICES

The work for which LDEQ is seeking assistance will involve TMDL calculations for lead or fecal coliform bacteria. Thirteen of the subsegments have been the subject of LDEQ or EPA TMDLs for other pollutants, the rest have not previously been investigated. Useful information can be found in these previous TMDLs. Assessment data is available on the LDEQ web site, and other data collected with proper QA/QC is acceptable. Documentation of the source of data from sources other than LDEQ must be provided. It is anticipated that this work will not require field work to collect additional data.

WORK ELEMENT 1

The following impaired water bodies may be selected for development of a TMDL for fecal coliform bacteria or lead.

Sub-segment	Waterbody Description	Impaired Use	Suspected Cause	TMDL
030101	Calcasieu River – From headwaters to LA-8	PCR	Fecal Coliform	LDEQ
030501	Whiskey Chitto Creek – From headwaters to southern boundary of Fort Polk Military Reservation	PCR	Fecal Coliform	None

030603	Marsh Bayou – From headwaters to Calcasieu River	PCR	Fecal Coliform	LDEQ
030802	Hickory Branch – From headwaters to West Fork Calcasieu River	PCR, SCR	Fecal Coliform	None
030805	Indian Bayou – From headwaters to West Fork Calcasieu River	PCR, SCR	Fecal Coliform	LDEQ
031101	Intracoastal Waterway – From Calcasieu Lock to East Calcasieu River Basin boundary	PCR	Fecal Coliform	None
080606	Cypress Creek – From headwaters to Bayou D’Arbonne; includes Colvin Creek	PCR	Fecal Coliform	None
080906	Turkey Creek – From Turkey Creek Cutoff to Turkey Creek Lake	SCR	Fecal Coliform	None
081607	Trout Creek – From headwaters to Little River (Scenic)	PCR	Fecal Coliform	None
081608	Big Creek – From headwaters to Little River (Scenic)	PCR	Fecal Coliform	None
090207	Middle Pearl River and West Middle Pearl River – From West Pearl River to Little Lake	PCR	Fecal Coliform	EPA Region 6
090502	Big Silver Creek – From headwaters to Bogue Chitto River	PCR	Fecal Coliform	EPA Region 6
090503	Little Silver Creek – From headwaters to Bogue Chitto River	PCR, SCR	Fecal Coliform	None
101101	Cane River – From above Natchitoches to Red River	PCR	Fecal Coliform	None
030701	Bayou Serpent	FWP	Lead *	LDEQ
030804	Little River – From headwaters to West Fork Calcasieu River	FWP	Lead *	LDEQ
050301	Bayou Nezpique – From headwaters to Mermentau River; includes intermittent portion of Beaver Creek	FWP	Lead *	LDEQ
050303	Castor Creek – From headwaters to Bayou Nezpique	FWP	Lead *	LDEQ
050304	Bayou Blue – From headwaters to Bayou Nezpique	FWP	Lead *	LDEQ
050601	Lacassine Bayou – From headwaters to Grand Lake	FWP	Lead *	LDEQ
050603	Bayou Chene – From headwaters to Lacassine Bayou; includes Bayou Grand Marais	FWP	Lead *	EPA Region 6
110402	Bayou Toro – From LA 473 to Sabine River	FWP	Lead *	EPA Region 6

*Some of these lead impairments may be shown to be “false” with the use of clean sampling techniques, and therefore the need for a TMDL would be negated.

Work Element 1 will involve the following tasks:

Task 1. A review of all point sources discharging into the waterbodies to be modeled or their tributaries must be conducted, and any new point sources must be identified and mapped and their loads computed. Model input data sets will be developed from the available data and inventory of dischargers for these waterbodies. A progress report will be prepared. The complete data set, all maps, and the report will be submitted in both hard copy and soft copy formats to LDEQ for review and approval.

Contractor must use standard formats for the transfer of the data required for this project for use by LDEQ. Input datasets in ASCII text electronic format. Mapping data must be in an ArcView format for incorporation into LDEQ’s Geographical Information System (GIS).

Task 2. TMDLs for lead and fecal coliform will be produced to meet criteria at critical conditions for each of the waterbodies listed for that parameter. Projections must be run for both summer and winter seasons. Wasteload allocations and load allocations will be calculated and needed load reductions in man-made nonpoint source loading will be calculated. Complete input data sets will be provided as specified above. A comprehensive report documenting the TMDL development and results will be prepared for each waterbody and submitted in both hard and soft copy formats to LDEQ for review and approval. After LDEQ approval, LDEQ will then submit the report to EPA for review and approval.

Task 3. The contractor will make revisions to the work as necessary during the LDEQ and EPA reviews based upon LDEQ and EPA review and comments. The contractor will make any revisions necessary to obtain EPA approval of the TMDL prior to final payment. Upon approval by EPA, the project will be deemed complete.

The contract will be paid based on percent completion by task in accordance with the following milestones:

Task No.	Milestone	Percent of Project Completed
1	LDEQ approval of input data and discharger inventory	45
2	LDEQ approval of each TMDL report	95
5	EPA approval of each revised TMDL report	100

INDEMNIFICATION AGREEMENT

_____ agrees to protect, defend, indemnify, save, and hold
(Contractor)
harmless the State of Louisiana, all State Departments, Agencies, Boards and Commissions, its
officers, agents, servants and employees, including volunteers, from and against any and all
claims, demands, expense and liability arising out of injury or death to any person or the damage,
loss or destruction of any property which may occur or in any way grow out of any act or
omission of _____, its agents, servants, and employees, or any and all
(Contractor)
costs, expense and/or attorney fees incurred by _____ as a result of
(Contractor)
any claim, demands, and/or causes of action except those claims, demands, and/or causes of action arising out
of the negligence of the State of Louisiana, all State Departments, Agencies, Boards and Commissions, its
agents, representatives, and/or employees. _____ agrees to investigate, handle,
respond to, provide defense for, (Contractor) and defend any such claim, demands, or suit at its sole expense
and agrees to bear all other costs and expenses related thereto, even if it (the claim, etc.) is groundless, false or
fraudulent.

Accepted by: _____
Company Name

Signature

Title

Date accepted _____
Is the Certificate of Insurance attached? ____ Yes ____ No

Contract No. _____ for _____

Purpose of Contract: _____
