

Texas Commission on Environmental Quality (TCEQ)
WORK ORDER UNDER THE UMBRELLA CONTRACT
FOR NATIONAL AMBIENT AIR QUALITY STANDARD (NAAQS)
BETWEEN TCEQ AND GRADCO, LLC dba GRADIENT

Ozone Science Workshop

Work Order No. 582-13-32032-09 (PCR 44826)

Contract No.: 582-13-32032

Original Amount of Umbrella Contract: \$550,000

Amendment 1 Amount: \$550,000

Amendment 2 Amount: \$550,000

Current Amount of Umbrella Contract: \$1,650,000

Work Order Amount (Maximum Not-to-Exceed): \$20,000

Amount in Contract After this Work Order: \$ 253,490

Effective Date of the Work Order: Date Signed

Time Line

The work shall begin upon the date signed by the Texas Commission on Environmental Quality (TCEQ) and must be completed no later than August 31 2014 unless extended by TCEQ. The Work Order does not expire on the required delivery date and continues until closed or terminated by the TCEQ. Gradient Corporation (Contractor) must submit a final payment invoice/request as well as a release of claims within 45 days of TCEQ's approval of the final technical deliverable for this Work Order.

Purpose

The purpose of the contract is to facilitate the development or consideration of an appropriate ozone National Ambient Air Quality Standard (NAAQS) based on unbiased analysis of experts and the science so that this information can potentially be considered by the United States Environmental Protection Agency (USEPA) administrator and others during the current ozone NAAQS review and rulemaking process.

TASKS AND DELIVERABLES

Background

The USEPA develops NAAQS for six chemicals, including ozone. The USEPA has prepared a final Integrated Science Assessment, draft Health Risk and Exposure Assessment, draft Welfare Risk and Exposure Assessment, and a draft Policy Assessment. The Clean Air Scientific Advisory Committee (CASAC) has met and

reviewed each of these documents, and has endorsed a lower range for the ozone standard. EPA is scheduled to propose a new NAAQS for ozone by December 2014, and to finalize a standard by October of 2015.

Scope

The Contractor will assist TCEQ, NERA Economic Research Associates, Inc. (NERA), and Toxicology Excellence for Risk Assessment (TERA) in planning a workshop to discuss the science that bears on the ozone NAAQS. The Contractor will provide support for the planning and implementation of the workshop, as well as follow-up. This work order covers the development of draft charge questions, a draft meeting agenda, and an initial list of potential participants. This will involve reviewing EPA ozone documents, as well as other documents, particularly the peer-reviewed literature, to determine the most relevant topics and experts.

Deliverable

The Contractor will provide their recommendations to TCEQ in a brief report by August 31, 2014.

TCEQ - Project Representative
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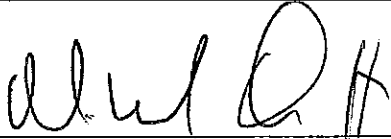
Notice to Proceed. The Contractor is authorized to proceed with performance of the Work Order by the signature below.

Work Order No. 582-13-32032-09 is issued as of the date shown below. The amount shown as "Work Order Amount" in the heading of this Work Order is the maximum amount to be paid to the Contractor for this work unless a Work Order Amendment raising that amount is issued by TCEQ.

The work shall begin on the signature date below and the deliverable is due August 31, 2014.

TCEQ:

Texas Commission on Environmental Quality



Michael Honeycutt, Ph.D.
Director, Toxicology Division

Date: 7-16-14