

# Guide to RTI Contracts and Collaboration with EPA

WORKING TOGETHER TO IMPROVE THE ENVIRONMENT FOR MORE THAN 35 YEARS



RTI International has worked with the U.S. Environmental Protection Agency (EPA) and its predecessor organizations for more than 35 years and has projects supporting all EPA offices. We bring to this collaboration a multidisciplinary team of expert engineers and scientists to address real-world environmental problems through high-quality research and technical services.

Through our long history of providing technical and research support to EPA, we have gained a thorough understanding of the Agency's technical and research programs, organizational structure, and contract operations. Our research framework is grounded in best management practices that ensure quality, timeliness, and cost-efficiency. We have extensive experience managing multiyear, multitask contracts that encompass laboratory-, pilot-, and field-scale research; development of methods, technologies, and tools; and technical support.

## How do RTI and EPA work together?

RTI holds several contracts with EPA and is preapproved to work under several General Services Administration (GSA) schedules. This guide describes these contractual mechanisms and how to access them.

## How to use contract vehicles to work with RTI

You can request a new task under any of our current contracts. To request a task, contact the appropriate EPA Project Officer listed on the following pages.

The Project Officer for each contract can provide additional details about Statement of Work contents and how to develop a budget.

## Office of Water

### Technical Support for the National Watershed Protection Program Using Point and Nonpoint Source Water Pollution Controls and Total Maximum Daily Loads—

EPA Contract EP-C-08-003 (IDIQ)

#### EPA Contracting Officer

Camille W. Davis  
513.487.2095, davis.camille@epa.gov

#### EPA Project Officer

Christopher Zabawa  
202.566.1222, zabawa.christopher@epa.gov

#### RTI Project Director

Peter Ilieve  
919.316.3727, pii@rti.org

**Contract End Date:** November 2012

**Use:** Technical assistance to the Office of Water, Office of Research and Development, and EPA regional offices

for watershed-based protection and restoration projects, focusing on water quality monitoring, management and display of water quality information, and assessing water quality conditions and reporting on those conditions to the public and Congress.

#### Services:

- develop Total Maximum Daily Loads
- use watershed-based management approaches to leverage programs under the Clean Water Act and the Safe Drinking Water Act
- develop approaches to improve the management of nonpoint source pollution impacts
- support EPA's Integrated Reporting initiatives, database, and GIS



- develop improvements in water quality monitoring programs involving fixed-station networks and probability-based monitoring

## Office of Air Quality Planning and Standards

### Economic Analyses and Control Strategy Development for Air Pollution Control Regulations—

EPA Contract 68-D-99-024 (CPFH)

#### EPA Contracting Officer

Rodney D. Jones  
919.541.3112, jones.rodney-daryl@epa.gov

#### EPA Project Officer

Nancy D. Riley  
919.541.5353, riley.nancy@epa.gov

#### RTI Project Director

George Van Houtven  
919.541.7151, gvh@rti.org

**Contract End Date:** September 2010

**Use:** Economic analysis of traditional and market-based regulations for controlling air pollutants from stationary sources and developing estimates of economic impact of regulations designed to reduce release of air pollutants using single or multimarket models and applied welfare economic principles.

#### Services:

- prepare profiles of affected entities
- analyze control strategies and develop analysis methods and tools
- conduct economic analysis, benefits analysis, regulatory impact analysis, sensitivity analysis, and uncertainty/variability characterization
- conduct surveys, focus groups, and information collection analysis
- provide training and support on models and methods
- review/revise resource manual and EPA cost manual

### Support for the Metals, Minerals, and Energy Sector—

EPA Contract EP-D-06-118 (CPFH)

#### EPA Contracting Officer

Robert D. Flowers  
919.541.2182, flowers.rob@epa.gov

#### EPA Project Officer

Valerie E. Graves  
919.541.3021, graves.valerie@epa.gov

#### RTI Project Director

Roy Neulicht  
919.316.3736, rmneulicht@rti.org

**Contract End Date:** March 2011

**Use:** Engineering assessments; preparing regulatory proposal and promulgation packages to support rule development for New Source Performance Standards, National Emissions Standards for Hazardous Air Pollutants, and other regulatory studies for the source categories in the metals, minerals, and energy sector.

#### Services:

- assess combustion, process, and fugitive emissions of hazardous air pollutants, particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxides, and volatile organic compounds
- identify and characterize existing prevention and control technologies
- recommend sampling and testing programs to characterize emissions and to validate control technology performance
- collect emissions test data and develop emissions factors
- prepare technical documents to support rule development, promulgation packages for *Federal Register* publication, and maintain dockets
- conduct technical studies necessary to support post-promulgation litigation
- support outreach to stakeholders

### Ambient Air Monitoring and Quality Assurance Support—

EPA Contract EP-D-08-047

#### EPA Contracting Officer

Natalia C. Fisher-Jackson  
919.541.3564  
fisher-jackson.natalia@epa.gov

#### EPA Project Officer

Jeffrey T. Curry  
919.541.4018, curry.jeff@epa.gov

#### RTI Project Director

James B. Flanagan  
919.990.8649, jamesf@rti.org

**Contract End Date:** September 2012

**Use:** Provide technical support to support the OAQPS mission.

#### Services:

- review, modify, and/or develop air regulations and policies
- support development of data quality objectives, performance evaluations, and data assessments
- support atmospheric chemistry research and field activities
- conduct outreach activities, including training and publications and web site design/implementation
- provide statistical analysis and support for interpretation of air quality data
- conduct data retrieval and management for EPA's Air Quality System database
- provide technical guidance and air network designs
- carry out quality control field activities, audits, and special studies
- develop quality assurance (QA) project plans, QA plans, and program and quality systems
- perform or facilitate laboratory QA, systems, and performance audits

### Chemical Speciation of PM<sub>2.5</sub> Filter

**Samples—**EPA Contract 68-D-09-010 (FP)

#### EPA Contracting Officer

Lanelle Shands  
919.541.4278, shands.lanelle@epa.gov

#### EPA Project Officer

Margaret A. Dougherty  
919.541.2344, dougherty.margaret@epa.gov

#### RTI Project Director

R. K. M. Jayanty  
919.541.6843, rkmj@rti.org

**Contract End Date:** January 2014

**Use:** Assist state and local agencies in operating the PM<sub>2.5</sub> chemical speciation monitoring network by providing filter media and analytical support (gravimetric mass, elemental concentrations [sodium through lead], organic and elemental carbon, cations [ammonium, sodium, and potassium] and anions [sulfate and nitrate]; semivolatile organics; and microscopic analysis).

RTI analyzes over 1,200 samples per month for this project and is currently providing

- chemical speciation support to more than 230 PM<sub>2.5</sub> monitoring sites in the US and Puerto Rico
- data quality support in sample handling, high blank levels for gravimetric mass on Teflon filters, high background levels for quartz and nylon filters, data validation, and reporting

## Office of Solid Waste

**EMRAD Risk Assessment Support**—EPA Contract EP-W-09-004

### EPA Contracting Officer

Leo Moomaw  
202.564.4482, moomaw.leo@epamail.gov

### EPA Project Officer

Shannon Sturgeon  
703.308.0509, sturgeon.shannon@epamail.gov

### RTI Project Director

Stephen Beaulieu  
919.541.7425, steveb@rti.org

**Contract End Date:** December 2013

**Use:** Risk assessment for hazardous and nonhazardous waste-related environmental programs. Activities include environmental data gathering and analysis and the conduct of concurrent tasks that require multidisciplinary expertise of varying scope and duration.

### Services:

- multimedia, multi-pathway modeling of human health and ecological risk
- development and modification of models and risk information systems
- waste characterization and minimization
- economic and benefits analyses
- risk characterization

## Office of Atmospheric Programs

**Technical and Outreach Support Services for Domestic and Global Climate Initiatives and Global Climate Change**

**Program**—EPA Contract EP-W-07-069 (BOA)

### EPA Contracting Officer

Faye Sas  
202.564.2669, sas.faye@epa.gov

### EPA Project Officer

Francisco De La Chesnaye  
202.343.9010  
delachesnaye.francisco@epa.gov

### RTI Project Director

Michael Gallaher  
919.541.5935, mpg@rti.org

**Contract End Date:** November 2009

**Use:** Economic and engineering analyses of mitigation options from the agriculture, forest, coal mining, natural gas, and landfill sectors and development of models to estimate the cost, emissions reduction, and technical change parameters for a wide range of mitigation options in these sectors.

### Services:

- develop, use, and disseminate existing and new information
- conduct economic modeling using RTI's general equilibrium model ADAGE
- develop marginal abatement cost curves for GHG emitting sectors
- develop inventory and baseline emissions
- conduct agriculture and forestry modeling
- conduct regulatory impact assessments

**Economic, Engineering, and Environmental Modeling, Analysis, and Assessment for the Clean Air Markets**

**Division**—EPA Contract EP-W-08-019 (IDIQ)

### EPA Contracting Office

Shelby N. Schuller  
202.564.0966, schuller.nicole@epa.gov

### RTI Project Director

Michael Gallaher  
919.541.5935, mpg@rti.org

**Contract End Date:** March 2013

**Use:** Design, develop, enhance, test, debug, document, peer review, and apply a broad range of advanced technical, analytical, and modeling tools used for economic, engineering, and environmental analysis.

### Services:

- conduct power sector modeling, sector integration modeling, and macroeconomic modeling
- model, analyze, and assess non-power sector stationary sources

- conduct environmental assessments, including atmospheric, ecological, health effects, and cost/benefit modeling
- provide technical support

## Office of Research and Development

**Scientific, Technical, Research, Engineering, and Modeling Support (STREAMS)**—EPA Contract EP-C-05-060 (BOA)

### EPA Contracting Officer

Lynne W. Lewis  
513.487.2040, lewis.lynne@epa.gov

### EPA Project Officer

Jennifer Goetz  
513.569.7899, goetz.jennifer@epa.gov

### RTI Project Director

Coleen Norheim  
919.541.5816, cmn@rti.org

**Contract End Date:** September 2010

**Use:** Research including proof-of-concept, laboratory, and bench-scale experiments; treatability studies and pilot-scale investigations; methods, tools, and technologies; and technical and field support.

### Research areas:

- contaminated sediments and soils
- waste management and emerging wastes
- endocrine-disrupting compounds
- ecosystem restoration
- watershed stressors
- sustainable brownfields revitalizations
- confined animal feedlot operations
- biosolids and wastewater management
- groundwater and drinking water

**Laboratory Assessment Services**—EPA

Contract EP-C-08-048 (CPFF)

### EPA Contracting Officer

Matthew Gowney  
513.487.2029, growney.matthew@epa.gov

### EPA Project Officer

Lara Autry  
919.541.5544, autry.lara@epa.gov

### RTI Project Director

Cynthia Salmons  
919.541.6948, cas@rti.org

**Contract End Date:** September 2013

**Use:** Quality assurance assessments of a variety of EPA laboratories that work with a variety of environmental media and are required to undergo periodic external assessments.

**Services:**

- determine level of laboratory compliance with quality systems by reviewing documents, interviewing staff, observing lab activities, and examining study documentation
- develop individual assessment plans, conduct laboratory assessments, and prepare assessment reports

**Office of Prevention, Pesticides, and Toxic Substances**

**Endocrine Disruptor Screening Program: Laboratory Assay Validation Services—**

EPA Contract EP-W-06-026

**EPA Contracting Officer**

Barbara Holloway  
202.564.4492, holloway.barbara@epa.gov

**EPA Project Officer**

Alan E. Dixon  
202.564.8489, dixon.alan@epa.gov

**RTI Project Director**

James Mathews  
919.541.7461, mathews@rti.org

**Contract End Date:** March 2011

**Use:** To screen pesticide chemicals and environmental contaminants for their potential to affect the endocrine systems of humans and wildlife. These screening assays have required standardization and validation. RTI staff have participated in assay validations for the following EDSP screening assays:

**In vitro**

- Sliced Testis Steroidogenesis Assay
- Estrogen Receptor Binding Assay
- Aromatase Assay

**In vivo**

- 15-Day Intact Adult Male Rat Assay
- Hershberger Assay
- Male and Female Pubertal Assays
- Multiple Generation Fish Assay
- In Utero Through Lactation Assay

**How to use GSA contracts to work with RTI**

The General Services Administration (GSA) offers all federal agencies a set of contracts, or schedules, that can be used to purchase a set of specific services for a given period of time at competitive prices. GSA has certified that RTI is a vendor that is federally qualified to provide a specific set of services within several schedules.

**GSA Ordering Process**

1. Develop a Request for Proposal (RFP) describing the work needed.
2. Identify the GSA schedule containing the appropriate Special Item Number (SIN) for this work (see list at right).
3. Select a short list of contractors from the SIN contractor list to receive the RFP.
4. Evaluate proposals and award a contract to the contractor with the best proposal.

**GSA Schedules**

**EAS—Environmental Advisory Services, Contract GS-10F-0283K**

SIN 899-1	Environmental Planning Services and Documentation
SIN 899-2	Environmental Compliance Services
SIN 899-3	Environmental/Occupational Training Services
SIN 899-4	Waste Management Services
SIN 899-7	Geographic Information Systems Services

**IT—Information Technology, Contract GS-35F-0829R**

SIN 132-32	Term Software Licenses
SIN 132-33	Perpetual Software Licenses
SIN 132-34	Software Maintenance
SIN 132-51	Information Technology Professional Services

**MOBIS—Mission Oriented Business Integrated Services, Contract GS-10F-0097L**

SIN 874-1	Consultation Services
SIN 874-3	Survey Services

**PES—Professional Engineering Services, Contract GS-23F-0147N**

SIN 871-1	Strategic Planning for Technology Programs/Activities Services
SIN 871-2	Concept Development and Requirements Analysis Services
SIN 871-3	System Design, Engineering, and Integration Services
SIN 871-4	Test and Evaluation Services
SIN 871-5	Integrated Logistics Support Services

**For further information on GSA schedules, visit RTI's Web site at [www.rti.org/gsa](http://www.rti.org/gsa) or contact**

Deborah Ellison  
Phone: 919.541.6190 E-mail: [gsa@rti.org](mailto:gsa@rti.org)

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RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 2,800 provides research and technical expertise to governments and businesses in more than 40 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory and chemistry services. For more information, visit [www.rti.org](http://www.rti.org).

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