

RFP2020-48 PROFESSIONAL SERVICES FOR THE WATER DISTRIBUTION SYSTEM QUALITY MONITORING AND ASSISTANCE FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER PROPOSALS OPENED 11/5/2020 AT 11:00AM

RFP2020-48 PROFESSIONAL SERVICES FOR THE WATER DISTRIBUTION SYSTEM QUALITY MONITORING AND ASSISTANCE FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER					
NUMBER OF RESPONDENTS:	5				
NAME OF BIDDER	MOTT MACDONALD, LLC	AGRA ENVIRONMENTAL AND LABORATORY SERVICES, INC.	JACOBS ENGINEERING GROUP, INC.	D&B/GUARINO ENGINEERS, LLC	ARCADIS U.S., INC.
ADDRESS	111 WOOD AVENUE SOUTH	90 1/2 WEST BLACKWELL STREET	412 MT. KEMBLE AVENUE, SUITE 100S	8 NESHAMINY INTERPLEX, STE. 219	17-17 ROUTE 208 NORTH, SUITE 290 NORTH
CITY, STATE, ZIP	ISELIN, NJ 07712	DOVER, NJ 07801	MORRISTOWN, NJ 07960-1936	TREVOSSE, PA 19053	FAIR LAWN, NJ 07410
CONTACT NAME	JOSEPH STANLEY, PE, PP, CME, SENIOR VICE PRESIDENT	CHARLES T. ANZOLUT	ALBERT J. CAPUZZI, PE	STEVEN A. FANGMANN	GERARD M. SPIESBACH
TELEPHONE	973-379-3400	973-989-0010	862-242-7320	215-244-9972	201-398-4379
FAX	973-912-2455	973-989-0156	973-267-3555	215-244-9977	201-797-4399
E-MAIL	JOSEPH.STANLEY@MOTTMAC.COM	CANZOLUT@AGRA.US	ALBERT.CAPUZZI@JACOBS.COM	SFANGMANN@DB-ENG.COM	GERRY.SPIESBACH@ARCADIS.COM
STOCKHOLDER DISCLOSURE STATEMENT	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A REQUIRED EVIDENCE EEO/AFFIRMATIVE ACTION REGULATIONS QUESTIONNAIRE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA	N/A	N/A	N/A	N/A	N/A
NJ BUSINESS REGISTRATION CERTIFICATE	INCLUDED	INCLUDED	INCLUDED	REQUIRED FROM AWARDED VENDOR	INCLUDED
NON-COLLUSION AFFADAVIT	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
ETHICS COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
DEBARMENT NOTICE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
CERTIFICATION AND DISCLOSURE OF POLITICAL CONTRIBUTIONS	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EIC	CERT.#2062 EXP. 05/14/2021	CERT.#40087 EXP. 06/15/2021	CERT.#3187 EXP. 01/15/2023	CERT.#30618 EXP. 04/15/2022	CERT.#188 EXP. 08/15/2021
CERTIFICATE OF INSURANCE	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR	REQUIRED FROM AWARDED VENDOR
60-DAY EXTENSION COMPLIANCE	YES	YES	YES	YES	YES
PROVIDE PRIORITY EMERGENCY SERVICES	YES	YES	YES	YES	YES
REFERENCES	INCLUDED	INCLUDED	INCLUDED	N/A	N/A
W-9	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED
EXCEPTIONS (IF ANY)	NONE	NONE	NONE	NONE	NONE
TOTAL CONSULTANT COST	\$17,500.00 (SEE ATTACHED BREAKDOWN OF PRICING)	\$29,850.00 (SEE ATTACHED BREAKDOWN OF PRICING)	\$78,353.00 (SEE ATTACHED BREAKDOWN OF PRICING)	\$171,911.00 (SEE ATTACHED BREAKDOWN OF PRICING)	SEE ATTACHED BREAKDOWN OF PRICING
FATAL FLAW	NONE	NONE	NONE	NONE	NONE

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**BID PROPOSAL FORM
RESPONDENT MUST COMPLETE**

We the undersigned propose to furnish and deliver the above services pursuant to the scope of services and requirements and made part hereof:

TOTAL AMOUNT FOR THE SERVICES FOR ONE (1) YEAR \$ 17,500

Thomas
(ORIGINAL SIGNATURE BY AUTHORIZED REPRESENTATIVE)

The undersigned is a Corporation, Partnership or Individual under the laws of the State of New Jersey having its principal office at 111 Wood Avenue South, Iselin, NJ 08830

COMPANY Mott MacDonald, LLC
ADDRESS 111 Wood Ave South, Iselin, NJ 08830
ADDRESS _____
FED. ID _____

NAME David Thomas, CEng
TELEPHONE 973.912.2516

FAX 973.376.1072

EMAIL david.thomas@mottmac.com

DATE November, 2020

SIGNATURE Thomas 11-03-2020



2020 Hourly Rate Table

Principals / Principal Project Managers / Principal Engineers	\$195.00 to \$270.00
Sr. Project Engineer / Sr. Project Manager /	
Sr. Project Geologist / Sr. Project Scientist.....	\$155.00 to \$230.00
Sr. Specialist V / Sr. Designer V	\$135.00 to \$185.00
Sr. Inspector IV/V / Sr. Surveyor IV/V	\$120.00 to \$185.00
Project Engineer / Engineer IV / Project Architect / Architect IV /	
Project Manager	\$135.00 to \$200.00
Project Geologist / Geologist IV / Project Scientist / Scientist IV.....	\$ 110.00 to \$172.00
Engineer II/III / Architect II/III.....	\$105.00 to \$165.00
Specialist III/IV / Designer III/IV.....	\$ 85.00 to \$150.00
Scientist II/III / Geologist II/III.....	\$ 77.00 to \$125.00
Engineer I / Architect I	\$ 80.00 to \$120.00
Scientist I / Geologist I.....	\$ 70.00 to \$ 92.00
Inspector III / Surveyor III / Specialist I/II	\$ 75.00 to \$117.00
Assistant Surveyor I/II / Assistant Inspector I/II	\$ 80.00 to \$ 92.00
Technicians	\$ 64.00 to \$ 88.00
Administration / Project Support	\$ 66.00 to \$122.00

* Hourly rates for special consultations and services in conjunction with litigation are available on request.

EXPENSES

Personal Auto / Company Auto	\$0.575 ¹ / mile
Company Vans / Company Pick-Up	\$0.575 ¹ / mile
Photocopies & Offset Reproduction	Variable
UPS / Federal Express /Postage /Messenger Service.....	Variable
Subcontractors (including Contract Laboratory)	Direct + 15%
Mobile Devices	Variable
Field Equipment.....	Variable
Travel / Lodging Per Diem.....	As Incurred

¹per IRS standard mileage rate (rate as of January 1, 2020 is shown – subject to change)

Invoices are payable within 30 days of invoice date.

Delinquent bills are subject to finance charges of 1.5% per month.

The client shall pay attorney fees, court costs, and related expenses incurred in the collection of delinquent accounts.



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City Of Trenton
Division of Purchasing
Ms. Isabel C. Garcia
Purchasing Agent
319 East State Street
Trenton, NJ 08608

Proposal for City of Trenton Professional Services for the Water Distribution System Quality Monitoring and Assistance for the City of Trenton, Trenton Water Works.
Proposal Number: RFP2020 -48

November 5, 2020 1100 Hours

Dear Ms. Garcia,

Agra Environmental and Laboratory Services, Inc. (Agra) is respectfully submitting the following proposal For Professional Services for the Water Distribution System Quality Monitoring and Assistance for the City of Trenton.

Hourly Rates and Projected Costs

Billing Rate: \$95.00 per hour.

Estimated time weekly: As needed

Estimated annual cost: \$29,850.00

All additional hours required will be billed at \$95.00.

On-call and Emergency consultation will be billed at \$95.00 per hour.

Agra Environmental and Laboratory Services, Inc. will provide the following:

- 1. Recommend a plan for the monitoring of Legionella including both direct sampling for legionella and monitoring the conditions which would provide the necessary conditions for Legionella to become an issue.**
- 2. Identify "Hot Spots" based on Monitoring results and recommend confirmation sampling in those areas.**
- 3. Provide options to remediate any issues through physical system maintenance, chemical treatment or other options based on best technologies.**
- 4. Provide recommendations for long term monitoring and protocols for the monitoring plan.**

Respectfully Submitted,

Charles T. Anzolut
Agra Environmental and Laboratory Services, Inc.
Special Projects Manager



Section IV Fee Proposal

This section provides our fee and proposed scope. The total fee is \$78,353 for Tasks 1-3. Since the scope of work was not defined in the RFP, we have provided our recommended scope of services. This is based on providing services for guidance for improving water quality in the distribution system and reduce the likelihood of re-occurrence of Legionella in the system. The scope includes the following tasks. A detailed scope is provided for Task 2 - Flushing Program, Task 3 – System wide Plan and optional Task 4 - Communications Support.

1. Provide guidance on distribution system testing, monitoring and interim corrective actions. Review results of testing. Attend meetings with NJDOH/NJDEP/Hamilton. Attend conference calls. Communicate recommendations. (\$28,310 lump sum)
2. Prepare a flushing plan indicating which valves to use and which hydrants to operate. Review flushing results. Develop plan for disinfection following flushing. (\$17,185, time and materials)
3. Review entire system and provide system-wide recommendations for disinfection, testing, monitoring and flushing. This will include preliminary design for booster chlorination stations and real time monitoring in deficient areas. Prepare guidance plan. (\$32,858, time and materials)
4. Optional Task – Communications Guidance. (\$33,330, time and materials)

Task	Description	Hours	Jacobs Costs	Sub Costs	Total
1	As Needed Guidance	116	\$26,010	\$2,300	\$28,310
2	Flushing and Disinfection Plan	108	\$16,725	\$460	\$17,185
3	Long Term System Wide Recommendations	148	\$32,398	\$460	\$32,858
		372	\$75,133	\$3,220	\$78,353
4	Communication Plan (optional)	180	\$29,651	\$3,680	\$33,331

Jacobs' Billing Rates

Team Member	Title	Rate
Albert J. Capuzzi	Project Director	\$ 270
John Tobia	Project Manager	\$ 237
Joe Weaver	Project Engineer	\$ 158
John Dyksen	Sr. Advisor - QA	\$ 250
Frank Falco	Sr. Advisor - QA	\$ 188
Jennifer Liggett	Legionella Specialist	\$ 124
Lily Maio	Engineer	\$ 114
Mark LeChevallier	Legionella Specialist	\$ 230
Bruce Manning	Water Quality Specialist	\$ 248
Russell Ford	Water Quality Specialist	\$ 325
Rich Giani	Distributon System Specialist	\$ 170
Jennifer Henke	Hydraulic Modeler	\$ 165
Juan Rivera	Hydraulic Modeler	\$ 124
Marc Davis	Communications Leader	\$ 180

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**BID PROPOSAL FORM
RESPONDENT MUST COMPLETE**

We the undersigned propose to furnish and deliver the above services pursuant to the scope of services and requirements and made part hereof:

TOTAL AMOUNT FOR THE SERVICES FOR ONE (1) YEAR

\$ 171,911.00



(ORIGINAL SIGNATURE BY AUTHORIZED REPRESENTATIVE)

The undersigned is a Corporation, Partnership or Individual under the laws of the State of Delaware _____ having its principal office at 8 Neshaminy Interplex, Trevose, PA 19053

COMPANY D&B/Guarino Engineers, LLC

ADDRESS 8 Neshaminy Interplex, Ste. 219

ADDRESS Trevose, PA 19053

FED. II _____

NAME Steven A. Fangmann

TELEPHONE (215) 244-9972

FAX (215) 244-9977

EMAIL sfangmann@db-eng.com

DATE November 3, 2020

SIGNATURE _____




HOURLY RATES TABLE

Name	Project Position	Hourly Rate
Robert F. Serpente, P.E., BCEE President/Chief Engineer	Project Manager	\$234.80
William Wankoff, P.E., BCEE Senior Engineer	Team Leader	\$163.34
Justin Felici Engineer I	Project Administrator	\$94.30



Arcadis 2020 Rate Schedule

Charges for services provided will be in accordance with the following schedule. All rates presented apply to services rendered after January 1, 2020 and will be adjusted annually thereafter.

2020	
Category	Hourly Rate
Design Tech II / Field Technician II	71
Drafter I / Field Technician III and IV	85
Drafter II / Field Technician V	100
Project Assistant I	115
Project Assistant II	125
Field Supervisor	180
Engineer / Scientist	120
Staff Engineer / Scientist / Architect	145
Project Engineer / Scientist / Architect	155
Senior Engineer / Scientist / Architect I	160
Senior Engineer / Scientist / Architect II	185
Principal Engineer / Scientist / Architect I	205
Principal Engineer / Scientist / Architect II	215
Engineer / Scientist Director	230

Other Direct Costs: All expenses incurred for a project, except in-house services specified below, from outside vendors will be invoiced at cost plus 10% to cover administrative expenses. These items may include but are not limited to: shipping charges; printing; supplies; equipment; traveling expenses; special insurance; licenses; permits; or subcontractors.

In-house services consist of:

- Transportation: \$0.60 per mile for vehicles.
- Equipment: A schedule of usage rates for specialty equipment is available for field assignments.
- Web Hosting: A schedule of monthly web hosting rates is available for client access web sites.

Payment: All invoices are due and payable within 30 days of billing date. Any attorney's fees, court costs, or other related expenses incurred in collecting delinquent accounts shall be paid by the client. Delinquent bills are subject to finance charges of 1.5% per month.

Rates will be adjusted on an annual basis in accordance with the CPI-U index +1%.