



**City of Batavia
Bureau of Water & Wastewater
One Batavia City Centre
Batavia, NY 14020**

**Laboratory Services for the
Analysis of Potable Water and Wastewater
RFB #2024-2**

Issue Date

Friday, February 2, 2024

Due Date

Friday, March 1, 2024
Prior to 10:00 A.M. EST

Respond To

Attn: Tom Phelps
City of Batavia
Bureau of Water & Wastewater
One Batavia City Centre
Batavia, NY 14020

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NOTICE TO BID

Notice is hereby given that sealed bids for Laboratory Services for the analysis of Potable Water and Wastewater will be received by the City of Batavia, in the Public Works Suite Conference Room, One Batavia City Centre, Batavia, New York 14020, until 10:00 a.m., Local Time, March 1, 2024, at which time they will be publicly opened and read aloud. Bid envelopes shall be marked on the outside, "Bid for Laboratory Service for Potable Water and/or Wastewater."

Specifications and bid requirements for said bid may be obtained at the City of Batavia's webpage, www.batavianewyork.com. All bids shall be submitted on forms provided by the City. Questions should be directed to the Bureau of Water & Wastewater at (585) 345-6324.

The City reserves the right to reject any or all bids or waive any irregularities in the bidding.

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SPECIFICATIONS

The City of Batavia is requesting separate quotations for laboratory analytical services for both Wastewater, and Potable Water. Bidders may bid on only water or wastewater if desired. This quotation shall be in effect for a two-year period of April 1, 2024 through March 31, 2026.

The City of Batavia may deliver tests to laboratories within a 50 mile radius of the City approximately once per week. If the laboratory is outside of this 50 mile radius, the laboratory must provide a courier service. The courier shall provide all necessary coolers, containers, etc. as needed. The samples shall be picked up at the Batavia Wastewater Treatment Plant, 5 Treadeasy Avenue, or at the Water Filtration Plant, 480 Lehigh Avenue between the hours of 7:30 a.m. and 2:30 p.m. Monday - Friday.

Only quotations that provide all of the analytical services requested for either Wastewater, or Potable Water will be considered for award of this work. The City of Batavia reserves the right to cancel this quotation work upon 15 days notice. **Results of testing shall be provided to the City within 15 days of sample pick-up by the courier.**

Please submit quotations, on the forms provided, no later than 10:00 a.m. on March 1, 2024, at City Hall in the office of the Superintendent of Water and Wastewater, One Batavia City Centre, Batavia, NY 14020. They will be opened and publicly announced at that time.

The award of this work shall be based on the lowest total cost of all analytical services for either the Wastewater, or Potable Water, testing as totaled at the end of the Water Filtration Plant bid sheets, and Wastewater Treatment Facility bid sheet. Laboratory service providers can submit additional information with their quote to provide adjustments to pricing if both Wastewater and Potable Water work is awarded to one laboratory.

The City reserves the right to reject any or all bids or waive any irregularities in the bidding.

Direct questions to the following:

General Bidding Items

Tom Phelps
(585) 345-6324

Wastewater Testing

Kevin Volk
(585) 345-6400, Option 3

Potable Water Testing

Nelson Weibel
(585) 345-6400, Option 2

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PROPOSAL – SPECIFICATION LABORATORY SERVICES

TESTS REQUIRED AT:	Water Filtration Plant	Potable Water
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Inorganics	(31 Analytes, 1 set in summer)	ESTIMATED
Metals	(200.7 and 200.8)	TESTS PER YEAR
		1

CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Antimony	0.0003	
Arsenic	0.025	
Barium	0.002	
Berillium	0.0002	
Cadmium	0.001	
Chloride	0.2	
Chromium	0.001	
Copper	0.0005	
Cyanide	0.02	
Fluoride	0.2	
Iron	0.04	
Lead	0.001	
Magnesium	0.6	
Manganese	0.01	
Mercury	0.0002	
Nickel	0.001	
Nitrate	0.01	
Selenium	0.002	
Silica	0.03	
Silver	0.01	
Sodium	0.2	
Sulfate	20	
Thallium	0.001	
Zinc	0.05	
Alkalinity	1mg/l	
Hardness	1mg/l	
Total Dissolved Solids (TDS)	1mg/l	
Turbidity	0.001 NTU	
Color	units	
Langilier Index	units	
Nitrite	0.01 mg/l	
TOTAL COST PER YEAR		\$

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TOCs	ESTIMATED TESTS PER YEAR	24 TOCs 12 Flouride
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CHEMICAL	UNIT COST PER TEST
TOCs 1 raw, 1 tap, 2 samples/month	
Flouride 1 sample/month	
TOTAL COST PER YEAR	\$

Lead & Copper	2 sets in January & July (60 Lead, 60 Copper)	ESTIMATED TESTS PER YEAR	120 Lead 120 Copper
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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Lead	0.000001 mg/l	
Copper	0.0005 mg/l	
TOTAL COST PER YEAR		\$

DOH Requirements	ESTIMATED TESTS PER YEAR	3
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CHEMICAL	UNIT COST PER TEST
PFOA 1 sample	
PFOS 1 sample	
1.4 Dioxane 1 sample	
TOTAL COST PER YEAR	\$

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Organics (97 Analytes, 1 set in summer)	ESTIMATED TESTS PER YEAR	1
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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
AcrylamidA55:A86	NA	
Alachlor	0.0002	
Aldicarb	0.0005	
Aldicarb Sulfone	0.0008	
Aldicarb Sulfoxide	0.0005	
Aldrin	0.002	
Atrazine	0.0001	
Benzene	0.0005	
Benzo(a)pyrene	0.00002	
Bromobenzene	0.0005	
Bromochloromethane	0.0005	
Bromomethane	0.0005	
N - Butylbenzene	0.0005	
Sec - Butylbenzene	0.0005	
Tert - Butylbenzene	0.0005	
Butachlor	0.02	
Carbaryl	0.02	
Carbofuran	0.0009	
Carbon Tetrachloride	0.0005	
Chlordane Total	0.0002	
Chlorobenzene	0.0005	
Chloroethane	0.0005	
Chloromethane	0.0005	
2 - Chlorotoluene	0.0005	
4 - Chlorotoluene	0.0005	
Dalapon	0.001	
Di(2-ethylhexyl)phthalate	0.0006	
Dibromochloropropane(DBCP)	0.00002	
2, 4 - D	0.00010	
Dibromomethane	0.0005	
Dicamba	0.02000	
1, 2 - Dichlorobenzene	0.0005	
1, 3 - Dichlorobenzene	0.0005	
1, 4 - Dichlorobenzene	0.0005	
1, 1 - Dichloroethane	0.0005	
1, 2 - Dichloroethane	0.0005	
1, 1 - Dichloroethene	0.0005	
Cis - 1, 2 - Dichloroethene	0.0005	

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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Trans - 1, 2 - Dichloroethene	0.0005	
Dichlorodifluoromethane	0.0005	
1, 2 - Dichloropropane	0.0005	
1, 3 - Dichloropropane	0.0005	
2, 2 - Dichloropropane	0.0005	
1, 1 - Dichloropropene	0.0005	
Cis - 1, 3 - Dichloropropene	0.0005	
Trans - 1, 3 - Dichloropropene	0.0005	
Dieldrin	0.002	
Di (2 - ethylexyl) Adipate	0.0006	
Dinoseb	0.0002	
Endrin	0.00001	
Epichlorohydrin	0.005	
Ethylbenzene	0.0005	
Ethylene Dibromide (EDB)	0.00001	
Heptachlor	0.00004	
Heptachlor Epoxide	0.00002	
Hexachlorobenzene	0.0001	
Hexachlorobutadiene	0.0005	
Hexachlorocyclopentadiene	0.0001	
3 - Hydroxycarbufuran	0.02	
Isopropylbenzene	0.0005	
p - Isopropyltoluene	0.0005	
Lindane	0.00002	
Methoxychlor	0.0001	
Methyl-tertiary-butyl-ether(MTBE)	0.005	
Methylene chloride	0.0005	
Metolachlor	0.02	
Methomyl	0.02	
Metribuzin	0.02	
Oxamyl Vydate	0.002	
Pentachlorophenol	0.00004	
PCB, total (as decachlororobiphyl)	0.0001	
Picloram	0.0001	
Propachlor	0.02	
n - Propylbenzene	0.0005	
Propylene Glycol	0.0100	
Simazine	0.0007	
Styrene	0.0005	
1, 1, 2, 2 - Tetrachloroethane	0.0005	
Tetrachloroethene	0.0005	

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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Toluene	0.0005	
Toxaphene	0.001	
2, 4, 5 - TP (Silvex)	0.0002	
1, 2, 3 - Trichlorobenzene	0.0005	
1, 2, 4 - Trichlorobenzene	0.0005	
1, 1, 1 - Trichloroethane	0.0005	
1, 1, 2 - Trichloroethane	0.0005	
1, 1, 1, 2 - Tetrachloroethane	0.0005	
Trichloroethene	0.0005	
Trichlorofluoromethane	0.0005	
1, 2, 3 - Trichloropropane	0.0005	
1, 2, 4 - Trimethylbenzene	0.0005	
1, 3, 5 - Trimethylbenzene	0.0005	
Vinyl Chloride	0.0005	
Xylenes (total)		
m - xylene	0.0005	
o - xylene	0.0005	
p - xylene	0.0005	
TOTAL COST PER YEAR		\$

Trihalomethanes Quarterly (4 sets of 4)	ESTIMATED TESTS PER YEAR	16
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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Bromoform	0.0005	
Chloroform	0.0005	
Bromodichloromethane	0.0005	
Dibromochloromethane	0.0005	
TOTAL COST PER YEAR		\$

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Haloacetic Acids	Quarterly (4 sets of 4)	ESTIMATED TESTS PER YEAR	16
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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Monochloroacetic Acid	0.0001	
Dichloroacetic Acid	0.0001	
Trichloroacetic Acid	0.0001	
Monobromoacetic Acid	0.0001	
Bromochloroacetic Acid	0.0001	
TOTAL COST PER YEAR		\$

Lagoon Water Testing	(Spring & Fall)	ESTIMATED TESTS PER YEAR	2
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CHEMICAL	MINIMUM DETECTION LIMIT MG/L	UNIT COST PER TEST
Fluoride	0.1	
Suspended Solids	0.5	
CBOD	1.0	
Total Phosphorus	0.01	
TOTAL COST PER YEAR		\$

Lagoon Water Testing 2	(Spring) Per EPA 624 Priority Pollutant Scan Plus Xylenes	ESTIMATED TESTS PER YEAR	1
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CHEMICAL	TOTAL COST PER YEAR
Test includes: Arsenic, Cadmium, CBOD, Chromium, Copper, Cyanide, Cyanide (cl2 amenable), Fluoride, Mercury, Nickel, Selenium, Silver, Suspended Solids, Zinc, and total Toxic Organics	\$

Sample Pick-up by Courier <i>(if applicable)</i>	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST	TOTAL COST PER YEAR
	12		

GRAND TOTAL COST/YEAR	WATER FILTRATION PLANT	\$
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TEST REQUIRED AT: Wastewater Treatment Facility

Nutrients	MINIMUM DETECTION LIMIT MG/L	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST
Phosphorus (T)	1.000	80	
TKN	NA	80	
Ammonia (as N)	2.20	80	

Surcharge Testing	MIN. DETECTION LIMIT MG/L	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST
Phosphorus (T)	5.0	40	
TKN	25.0	40	
Ammonia (as N)	25.0	40	

Monthly Metals and Toxics	MIN. DETECTION LIMIT MG/L	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST
Copper (T)	0.025	12	
Chromium (T)	0.45	12	
Chromium (HEX)	0.020	12	
Lead (T)	0.008	12	
Nickel (T)	0.100	12	
Zinc (T)	0.100	12	
Cyanide (T)	0.007	12	
Phenols (T) (4AAP)	0.008	12	

Annual Industrial Testing	MIN. DETECTION LIMIT MG/L	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST
Chromium (Hex)	NA	4	
Closed Cup Flashpoint	NA	15	
Oil & Grease	NA	5	
CN, Phenols	NA	4	
Fluoride	NA	2	
Metals (Cd, Cr, Cu, Pb, Ni, Ag, Zn)	NA	5	
Metals 2 (Cr, Cu, Zn)	NA	2	
Total Petroleum Hydrocarbons (SM 5520-F)	NA	15	
TTO 624 Priority Pollutants w / Xylenes	NA	5	

Sample Pick-up by Courier <i>(if applicable)</i>	ESTIMATED TESTS PER YEAR	UNIT COST PER TEST	TOTAL COST PER YEAR
	52		

GRAND TOTAL COST/YEAR WASTEWATER TREATMENT FACILITY \$

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We, the undersigned, agree to furnish the City of Batavia, N.Y., requirements for laboratory services for the twenty-four (24) month period April 1, 2024 through March 31, 2026, in accordance with the Notice to Bidders and Specifications, as followed in this bid proposal:

Authorized Signature

Printed Name

Title

Company

Address

City/State/Zip

Phone Number

Email Address

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NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty or perjury, that to the best of knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
3. No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit, a bid for the purpose of restricting competition.

The herein certification is made pursuant to General Municipal Law, Section 103-d (Ch. 675, Laws of 1966).

(For Use by Individuals and Partnerships)

The undersigned, _____, being the individual or partner submitting a bid herein to the City of Batavia, affirms that the foregoing certification is true, under penalty of perjury.

Date: _____

Name: _____

(For Use by Corporations)

Any bid herein made to the City of Batavia, N.Y. by a corporate bidder for work or services performed or to be performed, or goods sold or to be sold, where competitive bidding is required and where such bid contains the certification referred to hereinabove, shall be deemed to have been authorized by the Board of Directors of the herein corporate bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

The herein certificate is made pursuant to General Municipal Law, Section 103-d (Ch.675, Laws of 1966).

The undersigned, _____, being an officer of the corporate bidder herein, namely, its _____, affirms that the foregoing statement and certification is true, under penalty of perjury.

(SEAL OF THE CORPORATION)

Corporate Bidder

By: _____
Officer

Date: _____

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IRAN DIVESTMENT ACT

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, Bidder/Contractor (or any assignee) certifies that it is not on the "Entities Determined To Be Non-Responsive Bidders/Offerers Pursuant to The New York State Iran Divestment Act of 2013" list ("Prohibited Entities List") posted on the OGS website at: <http://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf> and further certifies that it will not utilize on such Contract any subcontractor that is identified on the Prohibited Entities List. Additionally, Bidder/Contractor is advised that should it seek to renew or extend a Contract awarded in response to the solicitation, it must provide the same certification at the time the Contract is renewed or extended.

During the term of the Contract, should the City of Batavia receive information that a person (as defined in State Finance Law § 165-a) is in violation of the above-referenced certifications, the City of Batavia will review such information and offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment activity which is in violation of the Act within 90 days after the determination of such violation, then the City of Batavia shall take such action as may be appropriate and provided for by law, rule, or contract, including, but not limited to, seeking compliance, recovering damages, or declaring the Contractor in default.

The City of Batavia reserves the right to reject any bid, request for assignment, renewal or extension for an entity that appears on the Prohibited Entities List prior to the award, assignment, renewal or extension of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the Prohibited Entities list after contract award.