

AUGUSTA COUNTY SERVICE AUTHORITY

18 Government Center Lane
P. O. Box 859
Verona, Virginia 24482-0859



REQUEST FOR SEALED BIDS Laboratory Services

ITB No. 2001

Issue Date: August 13, 2019

Sealed Bids, subject to the conditions and instructions attached hereto, will be received at the above office until, but not later than **2:00 o'clock p.m. local Verizon time, August 29, 2019**, then publicly opened, for furnishing the itemized laboratory services for the Augusta County Service Authority (OWNER).

ITB questions: Casey McCracken, Purchasing Officer - 540-245-5680 - email cmccracken@co.augusta.va.us

Technical questions: Wendy Eikenberry, Lab and Compliance Manager – 540-245-5677 - email weikenberry@co.augusta.va.us

- Notes: 1. Bids are to include delivery to destination.
2. **EMAIL or FAX** Bids will **NOT** be accepted.
-

Terms: _____% _____ days

Company: _____

Address: _____

City: _____

Phone No. (____) _____

Official Signature: _____

Printed Name: _____

Title: _____

Date: _____

Email Address: _____

THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL

INSTRUCTIONS

- All Bids must be submitted in accordance with the General and Special Conditions. If more space is required to furnish a description of the goods offered, unit prices, or performance terms, the bidder may attach a letter hereto which will be made a part of the bid.

- Bids may be submitted by one of the following methods:

In person – to receptionist: ATTN: ITB#2001
or by courier, Casey McCracken
UPS, FEDEX, etc. Augusta County Service Authority
 18 Government Center Lane
 Verona, VA 24482

or by USPS mail – addressed to: ATTN: ITB#2001
 Casey McCracken
 Augusta County Service Authority
 PO Box 859
 Verona, VA 24482-0859

- Bids received after the date and time specified for the opening will not be considered. It will be the responsibility of the bidder to see that their bid is in this office by the specified time and date. There will be no exceptions. Date of postmark will not be considered. Local Verizon time will determine the time of day.
- Prices must be stated in units (each) in addition to the total price. **The cost of shipping or a courier service must be included in the prices. All bottles and shipping containers must be provided and included in the prices.**
- All Bids must include the company name and be signed by a responsible officer or employee. Obligations assumed by such signatory must be fulfilled.
- Successful bidder(s) must be properly licensed to provide and deliver their product in the Commonwealth of Virginia.
- Successful bidder(s) may be requested to provide a copy of laboratory quality control charted data for each method spanning at least the past six months.

REQUIRED SUBMITTALS

- Page 1 (Cover Sheet), Attachment A (Bid Sheet), Attachment B (References), Attachment C (Non-Collusion).
- Current VELAP certification required. Attach copy of certificate.
- Commonwealth of Virginia drinking water certification required. Attach copy of certificate.
- List the quantification levels (QLs) that can be achieved (if greater than the required level listed) and the approved test method used for each test bid.
- The last three (3) years of proficiency tests for water and wastewater testing.
- Provide list of personnel qualifications for staff members who will be performing tests.
- Provide sample turnaround time.
- Submit last three (3) DCLS Laboratory Audits.

GENERAL TERMS AND CONDITIONS

- 1. PRECEDENCE OF TERMS:** In the event there is a conflict between the general terms and conditions and any special terms and conditions which may be included in this solicitation, the special terms and conditions shall apply.
- 2. CLARIFICATION OF TERMS:** If any prospective Bidder has questions about the specifications or other solicitation documents, the prospective Bidder should contact the Technical person whose name appears on the first page of the Invitation to Bid, no later than five (5) days before the opening date. Any revisions to the solicitation will be made only by addendum, issued by OWNER.
- 3. ADDENDA:** In the event there are any addenda, they will be posted to the OWNER's website at www.acsawater.com/bids. It is the Bidder's responsibility to check the website prior to the submittal deadline to ensure that the Bidder has a complete, up-to-date package.
- 4. PAYMENT TERMS:** Payments will be made upon verification of delivery and receipt of materials. All pay requests and supporting documentations must be approved by OWNER and will be submitted for payment in accordance with OWNER's payment policies. Approvals for payment under this procurement will be by the OWNER's designated technical representative, or their designee, as noted on Page 1 of this solicitation.
- 5. QUALIFICATIONS OF BIDDERS:** OWNERS may make such reasonable investigations as deemed proper and necessary to determine the ability of the Bidder to perform the work and the Bidder shall furnish to OWNER all such information and data for this purpose as may be requested. OWNER reserves the right to inspect Bidders physical facilities prior to award to satisfy questions regarding the Bidders capabilities. OWNER further reserves the right to reject any proposal if the evidence submitted by, or investigations of, such Bidder fails to satisfy OWNER that such Bidder is properly qualified to carry out the obligations of the contract and to complete the work/furnish the item(s) contemplated therein.
- 6. ASSIGNMENT OF CONTRACT:** A contract shall not be assignable by the Bidder in whole or in part without the written consent of OWNER.
- 7. ANTI-DISCRIMINATION:** By submitting their proposals, all Bidders certify to OWNER that they will conform to the provisions of the Presidential Order #11246, the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Act of 1975, as amended, where applicable, and Section 2.2-4311 of the Virginia Public Procurement Act and that during the performance of this contract, the Bidder agrees as follows:

The Bidder will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by the state law relating to discrimination in employment, except when there is bona fide occupational qualification reasonably necessary to the normal operation of the Bidder. The Bidder agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

Notices, advertisements and solicitations placed by or on behalf of the Bidder will state that such contractor is an equal opportunity employer.

Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

The Bidder will include the provisions of the foregoing paragraphs in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

- 8. NONDISCRIMINATION AGAINST FAITH-BASED ORGANIZATION:** In accordance with the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, P.L. 104-193, the OWNER will not discriminate against faith-based organizations. The bidder also agrees to abide by § 2.2-4343.1 of the Virginia Public Procurement Act.
- 9. MINORITY AND WOMEN-OWNED BUSINESSES:** In accordance with Presidential Executive Orders #12138 & #11625 OWNER actively solicits both minority and women-owned businesses to respond to all Invitations to Bid and Requests for Proposal, and if not already on the Authority's mailing list, you may request application for inclusion on the list. Should you be interested, please contact the Authority at (540) 245-5670 and request information.

Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful minority group and female representation among their employees.

- 10. DRUG-FREE WORKPLACE:** During the performance of this contract, the Contractor agrees to (i) provide a drug-free workplace for the contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violation of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the contractor that the contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "*drug-free workplace*" means a site for the performance of work done in connection with a specific contract awarded to a contractor in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

- 11. ETHICS IN PUBLIC CONTRACTING:** By submitting their proposals, all Bidders certify that their proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other Bidder, supplier, manufacturer or subcontractor in connection with their proposal.
- 12. PUBLIC INSPECTION OF PROCUREMENT RECORDS:** Proposals submitted shall be subject to public inspection only in accordance with Virginia Code § 2.2-4342.
- 13. COSTS OF PROPOSAL PREPARATION:** Any costs incurred by the Bidders in preparing or submitting proposals are the Bidders' responsibility. OWNER will not reimburse any Bidder for any costs incurred as a result of a response to this Invitation to Bid.
- 14. OWNERSHIP OF MATERIAL:** Ownership of all data, material and documentation originated and prepared for OWNER, including any electronic media, shall belong exclusively to OWNER and be subject to public inspection in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by a Bidder shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Bidder must invoke the protection of this section prior to, or upon submission, of the data or other materials, and must identify the data or other materials to be protected and state the reasons why protection is necessary to the extent that such protected material is separately packaged and so identified in the Bid Submittal envelope.

15. CANCELLATION OF CONTRACT: Unless otherwise specified in the ITB, the OWNER may terminate the resulting contract for its convenience upon thirty (30) days written notice to the Bidder. The Bidder shall not be paid for any service rendered or expense incurred after receipt of such notice except such fees and expenses incurred prior to the effective date of termination that are necessary for curtailment of the Bidder's work under this contract.

16. INSURANCE COVERAGE: Unless otherwise specified in the ITB, the Bidder shall maintain the following insurance to protect it from claims under the Workmen's Compensation Act, and from any other claims for personal injury, including death, and for damage to property that may arise from operations under the Contract, whether such operations be by itself or by any subcontractor, or anyone directly or indirectly employed by either of them.

<u>TYPE OF COVERAGE</u>	<u>LIMITS</u>
Workers' Compensation and Employer's Liability including coverage under United States Longshoremen's and Harbor Worker's Act where applicable	Statutory, including Employer's Liability of \$100,000.00 Each Accident \$500,000.00 Disease-Policy Limit \$100,000.00 Disease-Each Employee
Comprehensive General Liability endorsement coverage.	Including the Broad Form C.G.L.
Premises – Operations Bodily Injury Liability and Property Damage Liability Combined	\$500,000 Each Occurrence \$1,000,000 Aggregate
Automobile Bodily Injury Liability and Property Damage Liability Combined covering all automobiles, trucks, tractors, trailers, or other automobile equipment, whether owned, non-owned, or hired by the Bidder	\$500,000 Per Accident
Umbrella/Excess Liability	\$1,000,000 Each Occurrence \$2,000,000 Aggregate

The Bidder shall purchase and/or maintain insurance coverage on his tools, equipment and machinery and shall waive subrogation to the OWNER for damage thereto.

The OWNER reserves the right to require insurance of any Bidder in greater amounts provided notice of such requirements is stated in the Solicitation.

17. OBLIGATION OF BIDDER: By submitting a proposal, the Bidder covenants and agrees that he has satisfied himself, from his own investigation of the conditions to be met, that he fully understands his obligation and that he will not make any claim for, or have right to cancellation or relief from the contract because of any misunderstanding or lack of information.

18. UNAUTHORIZED ALIENS: In accordance with Virginia Code § 2.2-4311.1. Compliance with federal, state, and local laws and federal immigration law requires that the contractor does not, and shall not during the performance of any awarded contract, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

19. COOPERATIVE PROCUREMENT

- i. This procurement is being conducted on behalf of the OWNER in accordance with the provisions of §2.2-4304 of the Virginia Public Procurement Act.
- ii. If approved by the bidder, the contract resulting from this procurement may be used by other public bodies to purchase at contract prices and in accordance with the contract terms. The bidder shall deal directly with any public body it approves to use the contract. Failure to extend a contract to another public body will have no effect on consideration of bidder's bid/proposal.
- iii. With the approval of the bidder, any public body using the resultant contract has the option of executing a separate contract with the bidder to add terms and conditions required by statute, ordinances, or regulations, or to remove terms and conditions which conflict with its governing statutes, ordinances, or regulations.
- iv. The OWNER, its officials and staff are not responsible for placement of orders, invoicing, payments, contractual disputes, or any other transactions between the bidder and any other public bodies, and in no event shall the OWNER, its officials or staff be responsible for any costs, damages or injury resulting to any party from use of an OWNER contract. If, when preparing such a contract, the additional terms and conditions of a public body seeking to purchase pursuant to cooperative procurement are unacceptable to the bidder, the bidder may withdraw its consent to extension of the contract to that particular public body.
- v. The OWNER assumes no responsibility for any notification of the availability of the contract for use by other public bodies, but the bidder may carry out such notification.

SPECIAL TERMS AND CONDITIONS

- A. AWARD:** The OWNER reserves the right to reject any or all bids, to waive informalities in any bid, to purchase any whole or part of the items listed in the bid, and the right to award to the bidder who submits a bid for all items in a group, with one Grand Total, in lieu of the lowest bidder, item-by-item. Multiple bidders may be awarded for each group to provide redundancy.
- B. AWARD CRITERIA:** The bid will be awarded to the highest scoring bidder(s) in each group based on the below criteria. Bidders must be capable of performing each parameter within a group to be considered responsive for the group. Bidders must be capable of meeting or exceeding the QLs for each test to be considered responsive.

Criteria	Possible Points
Sample Turnaround Time	6
Price	4
Total	10

- C. AVAILABILITY OF FUNDS:** It is understood and agreed between the parties herein that OWNER shall be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this agreement. Unless canceled or rejected, a responsive bid from the lowest responsible bidder shall be accepted as submitted, except that, if the bid from the lowest responsible bidder exceeds available funds, the OWNER may negotiate with the apparent low bidder to obtain a contract price within available funds in accordance with **Terms and Conditions, Item L**, below.

- D. BID BOND:** Each bid in excess of \$100,000 shall be accompanied by a bid bond or guarantee of five percent (5%) of the amount of the bid, which shall be a certified check, cash escrow or a bid bond payable to OWNER. The sureties of all bonds shall be from a surety company or companies as are approved by OWNER and are authorized to transact business in the Commonwealth of Virginia. Such bid bond or check shall be submitted with the understanding that it shall guarantee that the Bidder will not withdraw such bid during the period of 60 days following the opening of bids; that if such bid is accepted, the bidder will accept and perform under the terms of the Invitation to Bid and purchase order or contract. The bid guarantee will be returned upon award of contract.
- E. BID ACCEPTANCE PERIOD:** Any bid in response to this solicitation shall be valid for (60) days. At the end of (60) days the bid may be withdrawn at the written request of the bidder. If the bid is not withdrawn at that time it remains in effect until an award is made or the solicitation is canceled.
- F. BID PRICES:** Bids shall be in the form of a firm unit price for each item.
- G. DELIVERY AND STORAGE:** It shall be the responsibility of the bidder to make all arrangements for delivery and unloading of materials at the designated receiving area during the term of this contract. Deliveries must be made during normal working hours (8:00 am - 4:00 pm, local time), Monday through Friday.
- H. EXTRA CHARGES NOT ALLOWED:** By submitting their (bids/proposals), all (bidders/offerors) certify and warrant that the price offered for *F.O.B. destination* includes only the actual freight rate costs at the lowest and best rate and is based upon the actual weight of the goods to be shipped. Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with purchase order number, commodity description, and quantity.
- I. IDENTIFICATION OF BID/PROPOSAL ENVELOPE:** The signed bid/proposal should be returned in a separate envelope or package, sealed and identified as follows:

<u>ITB No 2001</u>		
<u>Laboratory Services</u>		
From: _____ Name of Bidder	August 29, 2019 Due Date	2:00 PM Time Due
_____ Street or Box Number		
_____ City, State, Zip Code		
ATTN: <u>Casey McCracken, Purchasing Officer</u>		

The outer (or delivery envelope) should be addressed as directed on Page 2, second bullet of the solicitation.

If a bid/proposal not contained in the special envelope is mailed, the bidder takes the risk that the envelope, even if marked as described above, may be inadvertently opened and the information compromised which may cause the bid or proposal to be disqualified. Bids/proposals may be hand delivered to the designated location in the office issuing the solicitation. No other correspondence, other than bid documents, should be placed in the inner envelope.

- J. PRODUCT INFORMATION:** The Bidder shall clearly and specifically identify the product being offered and enclose complete and detailed descriptive literature, catalog cuts and specifications with the bid to enable OWNER to determine if the product offered meets the requirements of the solicitation. Failure to do so may cause the bid/proposal to be considered nonresponsive.
- K. SITE DAMAGES:** Any damage to existing utilities, equipment or finished surfaces resulting from the Bidder's performance of this contract shall be repaired to OWNER's satisfaction at the bidder's expense.
- L. NEGOTIATION WITH THE LOWEST BIDDER:** Unless all bids are cancelled or rejected, OWNER reserves the right granted by § 2.2-4318 of the *Code of Virginia* to negotiate with the lowest responsive, responsible bidder to obtain a contract price within the funds available to the agency whenever such low bid exceeds OWNER's available funds. For the purpose of determining when such negotiations may take place, the term "available funds" shall mean those funds which were budgeted by OWNER for this contract prior to the issuance of the written Invitation to Bid. Negotiations with the low bidder may include both modifications of the bid price and other items required to be performed. The OWNER shall initiate such negotiations by written notice to the lowest responsive, responsible bidder that its bid exceeds the available funds and that the agency wishes to negotiate a lower contract price. The times, places, and manner of negotiating shall be agreed to by OWNER and the lowest responsive, responsible bidder(s).
- M. ESTIMATED QUANTITIES:** The quantities shown below are estimates only and are not to be construed as a commitment by the OWNER to purchase these amounts. The OWNER reserves the right to increase or decrease quantities depending on need. Price quoted shall remain effective regardless of quantity ordered.
- N. RESULTS:** Quality Control results are required to be submitted with all test results.

END OF SECTION

ATTACHMENT A BID SHEET

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL)

Group 1 - Drinking Water Samples - Inorganics				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Alkalinity - Total	1 mg/L	7		
Alkalinity - Bicarbonate	1 mg/L	7		
Alkalinity - Carbonate	1 mg/L	7		
Chloride	0.5 mg/L	7		
Sulfate	1 mg/L	7		
Color	5 pcu	7		
Turbidity	1 NTU	7		
Specific Conductance	2 umhos/cm	7		
Total Dissolved Solids	10 mg/L	7		
Volatile Dissolved Solids	10 mg/L	7		
Fixed Dissolved Solids	10 mg/L	7		
Silica (Reactive)	2 mg/L	7		
Corrosion Index (Aggressive Index)	NA	7		
Langlier Index	NA	7		
Fluoride	0.05 mg/L	7		
Cyanide	0.005 mg/L	7		
Sulfide	0.05 mg/L	7		
Calcium Hardness	0.125 mg/L	7		
Total Hardness (EDTA)	0.331 mg/L	7		
Ortho Phosphate	0.02 mg/L	7		
Ammonia	0.10 mg/L	7		
Nitrate as N	0.05 mg/L	25		
Nitrite as N	0.005 mg/L	25		
Nitrate + Nitrite as N	0.06 mg/L	25		
GRAND TOTAL				

Group 2 - Drinking Water Samples - Metals				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Aluminum	0.050 mg/L	7		
Antimony	0.0010 mg/L	7		
Arsenic	0.001 mg/L	7		
Barium	0.005 mg/L	7		
Beryllium	0.0005 mg/L	7		
Cadmium	0.0005 mg/L	7		
Chromium	0.001 mg/L	7		
Copper	0.001 mg/L	60		
Iron	0.01 mg/L	7		
Lead	0.001 mg/L	60		
Manganese	0.005 mg/L	7		
Mercury	0.0002 mg/L	7		
Nickel	0.005 mg/L	7		
Selenium	0.002 mg/L	7		
Sodium	0.05 mg/L	7		
Thallium	0.0003 mg/L	7		
Zinc	0.005 mg/L	7		
GRAND TOTAL				

Group 3 - Drinking Water Samples - Volatiles				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Benzene	0.5 ug/L	6		
Carbon tetrachloride	0.5 ug/L	6		
1,4-Dichlorobenzene	0.5 ug/L	6		
1,2-Dichloroethane	0.5 ug/L	6		
1,1-Dichloroethylene	0.5 ug/L	6		
1,1,1-Trichloroethane	0.5 ug/L	6		
Trichloroethylene	0.5 ug/L	6		
Vinyl chloride	0.5 ug/L	6		
Chlorobenzene	0.5 ug/L	6		
1,2-Dichlorobenzene	0.5 ug/L	6		
1,2-Dichloroethylene, cis	0.5 ug/L	6		
1,2-Dichloroethylene, trans	0.5 ug/L	6		
1,2-Dichloropropane	0.5 ug/L	6		
Ethylbenzene	0.5 ug/L	6		
Styrene	0.5 ug/L	6		
Tetrachloroethylene	0.5 ug/L	6		
Toluene	0.5 ug/L	6		
Xylenes, total	0.5 ug/L	6		
Dichloromethane	0.5 ug/L	6		
1,2,4-Trichlorobenzene	0.5 ug/L	6		
1,1,2-Trichloroethane	0.5 ug/L	6		
Chloroform	0.5 ug/L	6		
Bromodichloromethane	0.5 ug/L	6		
Dibromochloromethane	0.5 ug/L	6		
Bromoform	0.5 ug/L	6		
Bromobenzene	0.5 ug/L	6		
Bromomethane	0.5 ug/L	6		
Chloroethane	0.5 ug/L	6		
Chloromethane	0.5 ug/L	6		
1,2-Chlorotoluene	0.5 ug/L	6		
1,4-Chlorotoluene	0.5 ug/L	6		
Dibromomethane	0.5 ug/L	6		
1,3-Dichlorobenzene	0.5 ug/L	6		
1,1-Dichloroethane	0.5 ug/L	6		
1,3-Dichloropropane	0.5 ug/L	6		
2,2-Dichloropropane	0.5 ug/L	6		
1,1-Dichloropropylene	0.5 ug/L	6		
1,3-Dichloropropylene, cis	0.5 ug/L	6		
1,3-Dichloropropylene, trans	0.5 ug/L	6		
1,1,1,2-Tetrachloroethane	0.5 ug/L	6		
1,1,2,2-Tetrachloroethane	0.5 ug/L	6		
1,2,3-Trichloropropane	0.5 ug/L	6		
Bromochloromethane	0.5 ug/L	6		
n-Butylbenzene	0.5 ug/L	6		
Dichlorodifluoromethane	0.5 ug/L	6		
Hexachlorobutadiene	0.5 ug/L	6		
Isopropylbenzene	0.5 ug/L	6		
1,4-Isopropyltoluene	0.5 ug/L	6		
Napthalene	0.5 ug/L	6		
n-Propylbenzene	0.5 ug/L	6		
sec-Butylbenzene	0.5 ug/L	6		
tert-Butylbenzene	0.5 ug/L	6		
1,2,3-Trichlorobenzene	0.5 ug/L	6		

Group 3 - Drinking Water Samples – Volatiles (Continued)				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Trichlorofluoromethane	0.5 ug/L	6		
1,2,4-Trimethylbenzene	0.5 ug/L	6		
1,3,5-Trimethylbenzene	0.5 ug/L	6		
Methyl tertiary butyl ether	1 ug/L	6		
GRAND TOTAL				

Group 4 - Drinking Water Samples - SOCs				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Aldicarb sulfoxide	1.8 ug/L	5		
Carbofuran	0.9 ug/L	5		
Oxamyl (Vydate)	2.0 ug/L	5		
Carbaryl	2.0 ug/L	5		
Methomyl	4.0 ug/L	5		
3-Hydroxycarbofuran	0.5 ug/L	5		
Aldicarb sulfone	0.7 ug/L	5		
Aldicarb	0.5 ug/L	5		
2,4,5-TP	0.2 ug/L	5		
Pentachlorophenol	0.5 ug/L	5		
2,4-D	0.5 ug/L	5		
Dalapon	0.5 ug/L	5		
Picloram	0.5 ug/L	5		
Dinoseb	0.05 ug/L	5		
Hexachlorobenzene	0.05 ug/L	5		
Chlordane	0.2 ug/L	5		
Heptachlor	0.05 ug/L	5		
Heptachlor epoxide	0.05 ug/L	5		
Polychlorinated biphenyls (PCBs)	0.5 ug/L	5		
Lindane	0.05 ug/L	5		
Methoxychlor	0.05 ug/L	5		
Endrin	0.05 ug/L	5		
Hexachlorocyclopentadiene	0.05 ug/L	5		
Toxaphene	0.5 ug/L	5		
1,2-Dibromo-3-chloropropane	0.02 ug/L	5		
1,2-Dibromoethane (EDB)	0.02 ug/L	5		
Simazine	0.5 ug/L	5		
Alachlor	0.5 ug/L	5		
Atrazine	0.5 ug/L	5		
Benzo(a)pyrene	0.02 ug/L	5		
Di(2-ethylhexyl)phthalate	1.3 ug/L	5		
Di(2-ethylhexyl)adipate	1.3 ug/L	5		
GRAND TOTAL				

Group 5 - Drinking Water Samples - EPA Form 2A Part D				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Antimony	0.005 mg/L	1		
Arsenic	0.005 mg/L	1		
Beryllium	0.0005 mg/L	1		
Cadmium	0.0005 mg/L	1		
Chromium	0.001 mg/L	1		
Copper	0.001 mg/L	1		
Lead	0.005 mg/L	1		
Mercury	0.0002 mg/L	1		
Nickel	0.005 mg/L	1		
Selenium	0.005 mg/L	1		
Silver	0.001 mg/L	1		
Thallium	0.005 mg/L	1		
Zinc	0.005 mg/L	1		
Cyanide	0.005 mg/L	1		
Total Phenolic Compounds	0.02 mg/L	1		
Hardness (As Caco3)	0.331 mg/L	1		
Acrolein	50 ug/L	1		
Acrylonitrile	50 ug/L	1		
Benzene	5 ug/L	1		
Bromoform	5 ug/L	1		
Carbon Tetrachloride	5 ug/L	1		
Chlorobenzene	5 ug/L	1		
Chlorodibromo-Methane	5 ug/L	1		
Chloroethane	5 ug/L	1		
2-Chloro-Ethylvinyl Ether	5 ug/L	1		
Chloroform	5 ug/L	1		
Dichlorobromo-Methane	5 ug/L	1		
1,1-Dichloroethane	5 ug/L	1		
1,2-Dichloroethane	5 ug/L	1		
Trans-1,2-Dichloro-Ethylene	5 ug/L	1		
1,1-Dichloroethylene	5 ug/L	1		
1,2-Dichloropropane	5 ug/L	1		
1,3-Dichloro-Propylene	10 ug/L	1		
Ethylbenzene	5 ug/L	1		
Methyl Bromide	5 ug/L	1		
Methyl Chloride	5 ug/L	1		
Methylene Chloride	5 ug/L	1		
1,1,2,2-Tetrachloro-Ethane	5 ug/L	1		
Tetrachloro-Ethylene	5 ug/L	1		
Toluene	5 ug/L	1		
1,1,1-Trichloroethane	5 ug/L	1		
1,1,2-Trichloroethane	5 ug/L	1		
Trichlorethylene	5 ug/L	1		
Vinyl Chloride	5 ug/L	1		
P-Chloro-M-Cresol	5 ug/L	1		
2-Chlorophenol	5 ug/L	1		
2,4-Dichlorophenol	5 ug/L	1		
2,4-Dimethylphenol	5 ug/L	1		
4,6-Dinitro-O-Cresol	5 ug/L	1		
2,4-Dinitrophenol	20 ug/L	1		
2-Nitrophenol	5 ug/L	1		
4-Nitrophenol	5 ug/L	1		
Pentachlorophenol	5 ug/L	1		

Group 5 - Drinking Water Samples - EPA Form 2A Part D (Continued)				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Phenol	5 ug/L	1		
2,4,6-Trichlorophenol	5 ug/L	1		
Acenaphthene	5 ug/L	1		
Acenaphthylene	5 ug/L	1		
Anthracene	5 ug/L	1		
Benzidine	10 ug/L	1		
Benzo(A)Anthracene	5 ug/L	1		
Benzo(A)Pyrene	5 ug/L	1		
3,4-Benzo-Fluoranthene	5 ug/L	1		
Benzo(Ghi)Perylene	5 ug/L	1		
Benzo(K)Fluoranthene	5 ug/L	1		
Bis (2-Chloroethoxy) Methane	5 ug/L	1		
Bis (2-Chloroethyl)-Ether	5 ug/L	1		
Bis (2-Chloroiso-Propyl) Ether	5 ug/L	1		
Bis (2-Ethylhexyl) Phthalate	5 ug/L	1		
4-Bromophenyl Phenyl Ether	5 ug/L	1		
Butyl Benzyl Phthalate	5 ug/L	1		
2-Chloronaphthalene	5 ug/L	1		
4-Chlorophenyl Phenyl Ether	5 ug/L	1		
Chrysene	5 ug/L	1		
Di-N-Butyl Phthalate	5 ug/L	1		
Di-N-Octyl Phthalate	5 ug/L	1		
Dibenzo(A,H) Anthracene	5 ug/L	1		
1,2-Dichlorobenzene	5 ug/L	1		
1,3-Dichlorobenzene	5 ug/L	1		
1,4-Dichlorobenzene	5 ug/L	1		
3,3-Dichlorobenzidine	5 ug/L	1		
Diethyl Phthalate	5 ug/L	1		
Dimethyl Phthalate	5 ug/L	1		
2,4-Dinitrotoluene	5 ug/L	1		
2,6-Dinitrotoluene	5 ug/L	1		
1,2-Diphenylhydrazine	5 ug/L	1		
Fluoranthene	5 ug/L	1		
Fluorene	5 ug/L	1		
Hexachlorobenzene	5 ug/L	1		
Hexachlorobutadiene	5 ug/L	1		
Hexachlorocyclopentadiene	5 ug/L	1		
Hexachloroethane	5 ug/L	1		
Indeno(1,2,3-Cd)Pyrene	5 ug/L	1		
Isophorone	5 ug/L	1		
Naphthalene	5 ug/L	1		
Nitrobenzene	5 ug/L	1		
N-Nitrosodi-N-Propylamine	5 ug/L	1		
N-Nitrosodi- Methylamine	5 ug/L	1		
N-Nitrosodi-Phenylamine	5 ug/L	1		
Phenanthrene	5 ug/L	1		
Pyrene	5 ug/L	1		
1,2,4-Trichlorobenzene	5 ug/L	1		
GRAND TOTAL				

Group 6 - Drinking Water Samples - Radiological			
Parameter	Estimated Number per Year	Unit Cost	Total Cost
Gross Alpha (including radon and uranium)	1		
Gross Beta Particle Activity	1		
Radium 226	1		
Radium 228	1		
GRAND TOTAL			

Group 7 - Drinking Water Samples - Disinfection By-Products				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
THMs	0.5 ug/L	39		
HAAs	1 ug/L	39		
GRAND TOTAL				

Group 8 - Biosolid Samples (must be reported in mg/kg)			
Parameter	Estimated Number per Year	Unit Cost	Total Cost
Complete TCLP	8		
Fecal Coliforms*	8		
Arsenic	8		
Cadmium	8		
Chromium	8		
Copper	8		
Lead	8		
Mercury	8		
Molybdenum	8		
Nickel	8		
Selenium	8		
Zinc	8		
PCBs	8		
Ammonia	8		
TKN	8		
Nitrate/Nitrite	8		
Organic Nitrogen	8		
Phosphorus	8		
Available P2O5	8		
Potassium	8		
Alkalinity	8		
Total Solids	8		
% Volatile Solids	8		
Moisture	8		
GRAND TOTAL			

*Note: Fecal Coliforms will only be tested if biosolids are land applied, which is not applicable at this time.

Group 9 – Wastewater, Stormwater, and Pretreatment				
Parameter	Required QL	Estimated Number per Year	Unit Cost	Total Cost
Hydrogen Sulfide		1		
Dissolved Sulfide		7		
Nonylphenol		5		
Diazinone		1		
Whole Effluent Toxicity (WET)	NA	4		
Nitrate/Nitrite	0.06 mg/L	560		
Alpha-terpineol	0.01 mg/L	8		
Benzoic acid	0.01 mg/L	8		
P-cresol	0.01 mg/L	8		
Phenol	0.01 mg/L	8		
Total Zinc	0.05 mg/L	8		
Oil and Grease	5 mg/L	45		
Total Dissolved Solids (TDS)	10 mg/L	1		
Arsenic	0.001 mg/L	45		
Cadmium	0.0005 mg/L	45		
Chromium	0.001 mg/L	45		
Copper	0.001 mg/L	45		
Cyanide	0.05 mg/L	45		
Lead	0.001 mg/L	45		
Mercury	0.002 mg/L	45		
Nickel	0.005 mg/L	45		
Silver	0.001 mg/L	45		
Zinc	0.005 mg/L	45		
Total Phenols		4		
Total Toxic Organics (TTO)	NA	1		
Total Petroleum Hydrocarbons (TPH)	NA	1		
Trichloroethylene (TCE)	5 ug/L	1		
Vinyl Chloride	5 ug/L	1		
cis 1,2-dichloroethylene	0.5 ug/L	1		
GRAND TOTAL				

Other various lab tests may be needed on an infrequent basis. Please include any discount off list price for these tests. This percentage will not be considered for the award criteria.

Discount off list price for non-specified tests: _____

ATTACHMENT B

REFERENCES

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL)

The bidder must have the capability and capacity in all respects to fully satisfy all of the contractual requirements. To that end, please provide the following information:

1. **YEARS IN BUSINESS:** Indicate the length of time you have been in business providing this type of service _____ years _____ months.
2. **REFERENCES:** Indicate below, at a minimum, two (2) recent references for whom you have provided this type of service. Include the date service was furnished and the name and address of the person the Service Authority has your permission to contact.

Date Provided	Client and Address	Contact Person and Phone Number
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL

ATTACHMENT C

AFFIDAVIT OF NON-COLLUSION

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL)

TO THE AUGUSTA COUNTY SERVICE AUTHORITY:

The undersigned hereby declares that he (it) is the only person (firm) with an interest in this bid being submitted; that it is made without any connection with any person making another bid for this same contract; that the bid is in all respects fair and without collusion or fraud; and that no official or any person in the employ of the Augusta County Service Authority is directly or indirectly interested in this bid or any portion of the profit thereof.

The undersigned also declares that they have carefully examined the Invitation to Bid specifications, all annexed instructions, addenda, and attachments and will provide all the required services and will fulfill all the terms of the bid.

Signature: _____

Title: _____

Date: _____

ADDRESS OF PRINCIPAL PLACE OF BUSINESS:

Telephone: _____

Facsimile: _____

Email Address: _____

THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR BID SUBMITTAL