

April 11, 2016

Robert Gasper, PE
City of Durham
1600 Mist Lake Dr.
Durham, NC 27704

**SUBJECT: Williams Terminal Reservoir Residuals Removal
Evaluation of Bids for Residuals Removal Contract
Recommendation of Award Letter**

Dear Mr. Gasper:

Bids were publicly opened for the Williams Terminal Reservoir Residuals Removal Project at 10:00 am on Thursday, April 7, 2016 at the Administrative Office of the Department of Water Management located at 1600 Mist Lake Drive, Durham, North Carolina 27704. Two bids were received for the project ranging in price from \$2,493,960.00 to \$2,763,900.00. Table 1 below contains a summary of the bids received in order of lowest to highest price. The Tabulation of Bids table is attached.

Table 1: Summary of Bid Tabulation

CONTRACTOR	TOTAL BID PRICE
Bio-Nomic Services, Inc.	\$2,493,960.00
Synagro	\$2,763,900.00

We have reviewed the bids received and the apparent low bidder is Bio-Nomic Services, Inc. of Charlotte, North Carolina. Our review included evaluation of the bid attachments. Based on our review, it appears that Bio-Nomic Services, Inc. has submitted a responsible bid. Therefore, it is our recommendation to award the contract for the Williams Terminal Reservoir Residuals Removal Project, in Durham, North Carolina to Bio-Nomic Services, Inc. for \$2,493,960.00.

**City of Durham, Recommendation of Award
Williams Terminal Reservoir Residuals Removal**

If you have any questions regarding this letter of recommendation, please do not hesitate to call me.

Sincerely,

SCHNABEL ENGINEERING SOUTH, LLC



F. Alex Rutledge, PE, PG
Senior Engineer/Geologist

AMC/FAR

cc: Schnabel Engineering – Aaron Collins
City of Durham – Robert Gasper

File

Attachments: Tabulation of Bids table for all bids received.
Bid submittal from Bio-Nomic Services, Inc.

Item #	Description	Unit	Quantity	Engineer's Opinion of Probable Cost		Bio-Nomic Services, Inc.		Synagro	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization and Demobilization	LS	1	\$450,000	\$450,000	\$103,960	\$103,960	\$94,900	\$94,900
2	Erosion and Sediment Control	LS	1	\$145,000	\$145,000	\$50,000	\$50,000	\$5,000	\$5,000
3	Residuals Removal and Disposal	Dry Tons	4,500	\$700	\$3,150,000	\$520	\$2,340,000	\$592	\$2,664,000
4	Offsite Primary Disposal Area Development and Closure	LS	1	\$535,000	\$535,000	\$0	\$0	\$0	\$0
5	Offsite Secondary Disposal Area Development and Closure	LS	1	\$54,000	\$54,000	\$0	\$0	\$0	\$0
TOTAL					\$4,334,000		\$2,493,960		\$2,763,900

License Year

2016

License No.

73569

North Carolina

Licensing Board for General Contractors

This is to Certify That:

Bio-Nomic Services, Inc.
Charlotte, NC

is duly registered and entitled to practice

General Contracting

Limitation: Unlimited
Classification: Public Utilities

until

December 31, 2016

when this Certificate expires.

Witness our hands and seal of the Board.

Dated, Raleigh, N.C.

January 1, 2016

This certificate may not be altered.



Wm. Hambl

Chairman

C. Frank Wiener

Secretary-Treasurer

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
DEPT. OF WATER MANAGEMENT
CITY OF DURHAM, NORTH CAROLINA

DOCUMENT 00 41 43

BID FORM - UNIT PRICE (SINGLE-PRIME CONTRACT)

To: Attention: Robert Gasper, PE
City of Durham
Department of Water Management
1600 Mist Lake Dr.
Durham, NC 27704
(919) 560-4381 ext. 35283

Date: April 7, 2016
.....

Project: Williams Terminal Reservoir Residuals Removal

Sites: Dredging Site, Williams Water Treatment Plant, 1405 Hillandale Rd., Durham, NC 27705
Primary Disposal Site, accessed via the Durham County Waste Disposal Center, 2115 E Club
Blvd., Durham, NC 27704
Secondary Disposal Site, 1509 Goodwin Rd., Durham, NC 27712

Name of Bidder: Bio-Nomic Services, Inc.
.....

Address of Bidder: 516 Rountree Road
.....
Charlotte, North Carolina
.....
28217
.....

Phone Number of Bidder: 704-529-0000
.....

Contact Person for Bidder: Joel Coert
.....

Phone Number of Contact: 704-529-0000
.....

Bidder's North Carolina General Contractor's License Number: 73569
.....

1. OFFER

The undersigned Bidder hereby declares that the names of all persons interested in this Bid as principals appear in the blank spaces hereinafter provided for such purpose, that this Bid is in all respects fair and without collusion, that the Bidder has examined the locations of the proposed Work, the Advertisement, the Instructions to Bidders, the Technical Specifications, SDBE requirements of the Department of EO/EA of the City of Durham, the Contract Documents and bond forms, and the Drawings therein referred to and fully understands the same and agrees and accepts the terms and conditions thereof, that it is understood that the estimated quantities are approximate only and are given for the purpose of comparing Bids upon a uniform basis, and that said estimate shall in no way affect the unit prices for the Work.

The undersigned Bidder hereby agrees to furnish at the Bidder's cost the expense of all the necessary labor, tools, apparatus, machinery, equipment, transportation, and all other things which

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
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CITY OF DURHAM, NORTH CAROLINA

may be required to fully and properly perform all the terms, covenants, provisions, and agreements of the annexed Contract.

The undersigned hereby agrees to do said Work and furnish said materials as prescribed in the Contract Documents and Technical Specifications, and, according to the Drawings and requirements of the Engineer under said Contract Documents and Technical Specifications, in a first-class manner and to the best of the undersigned's ability at the following unit prices.

Having examined the Site of the Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by the Engineer for the Project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the unit prices listed in this Bid form in lawful money of the United States of America.

We have included the Bid security as required by the Instruction to Bidders.

All applicable federal taxes are included and State of North Carolina taxes are excluded from the unit prices.

All Cash and Contingency Allowances described in [Section 01 20 00 - Price and Payment Procedures] are included in the Bid Prices.

2. ACCEPTANCE

This offer shall be open to acceptance and is irrevocable, except as required by law, for one hundred and twenty (120) days from the Bid opening date.

If this Bid is accepted by the City of Durham within the time period stated above, we will:

- Execute the Agreement within fifteen (15) days of receipt of Notice of Award.
- Furnish the required bonds within fifteen (15) days of receipt of Notice of Award.
- Commence Work within ten (10) days after written Notice to Proceed.

If this Bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required bonds, the Bid security shall be forfeited as damages to the City of Durham by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this Bid and the Bid upon which a Contract is signed.

In the event our Bid is not accepted within the time stated above, the required security deposit will be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

3. CONTRACT TIME

If this Bid is accepted, we will:

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
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CITY OF DURHAM, NORTH CAROLINA

-Complete the Work in 365 calendar days from Notice to Proceed.

4. UNIT PRICES

Project: Williams Terminal Reservoir Residuals Removal

The following are unit prices for specific portions of the Work as listed. The unit price Bid for items in this Contract are for furnishing, installing all items of Work as indicated on the Drawings and Technical Specifications, complete, in place and accepted, per the North Carolina Department of Environmental Quality (NCDEQ) Erosion and Sediment Control Planning and Design Manual. The following is the list of unit prices:

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CITY OF DURHAM, NORTH CAROLINA

Item No.	Item Description	Quantity	Unit	Unit Price	Item Value
1	MOBILIZATION AND DEMOBILIZATION	JOB	LS	103,960.00	103,960.00
Written Item value: One hundred three thousand nine hundred sixty dollars					
2	EROSION AND SEDIMENT CONTROL	JOB	LS	50,000.00	50,000.00
Written Item value: Fifty thousand dollars					
3	RESIDUALS REMOVAL AND DISPOSAL	4500	DRY TON	520.00	2,340,000.00
Written Item value: Two million three hundred forty thousand dollars					
4	OFFSITE PRIMARY DISPOSAL AREA DEVELOPMENT AND CLOSURE	JOB	LS	0.00	0.00
Written Item value: n/a					
5	OFFSITE SECONDARY DISPOSAL AREA DEVELOPMENT AND CLOSURE	JOB	LS	0.00	0.00
Written Item value: n/a					
TOTAL AMOUNT					2,493,960.00
Written total value: Two million four hundred ninety three thousand nine hundred sixty dollars					

We agree to diligently perform the Work in accordance with all Contract Documents, to complete such Work within the period as outlined in the Contract, and to begin Work within ten (10) days after receipt of the Notice to Proceed from the Engineer.

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
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5. ADDENDA

The following Addenda have been received. The modifications to the Bidding Documents noted below have been considered and all costs are included in the Bid.

Addendum No.: <u>1</u>, Dated: <u>3-11-16</u>	Addendum No.: <u>4</u>, Dated: <u>3-21-16</u>
Addendum No.: <u>2</u>, Dated: <u>3-16-16</u>	Addendum No.: <u>1-A</u>, Dated: <u>3-28-16</u>
Addendum No.: <u>3</u>, Dated: <u>3-18-16</u>	Addendum No.:, Dated:

6. APPENDICES

The following Documents will be submitted to the Issuing Office within five (5) days after the Bid opening:

1. Non-Collusion Affidavits of all Subcontractors (see [Appendix E] for blank affidavits)

The following information is included with Bid submission:

1. Bid Form
2. Appendix A – Procurement Forms
3. Non-Collusion Affidavit of Bidder (see [Appendix E] for blank affidavits)
4. Bid Security (see [Appendix F] for blank Bid bond forms)
5. List of Contractor Equipment and Personnel

7. CONTRACTOR EXPERIENCE

The undersigned Contractor has regularly engaged in contract work of this class for 25 years, and has executed the following work as principal(s):

Dredging and Mechanical Dewatering
.....
Residuals Transportation
.....
Land Application of Residuals
.....
Sewer Cleaning and Inspections
.....
Vacuum Truck Services
.....
Belt Press Rental
.....

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
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 CITY OF DURHAM, NORTH CAROLINA

List of Contractor's personnel experienced to do this Work including and designating the Superintendent to be in charge of this Work showing the length of their varied experience with this particular Work. The list shall not include Subcontractor personnel.

Name	Experience	Name	Experience
Joel L. Coert	25 YR		
Josh Warren	19 YR		
Mike Duranleau	15 YR		
* Sandy Flores	20 YR		
Dylan Priest	4 YR		
* = Supt.			

List of Contractor's equipment in good condition and suitable for completion of this Contract. Contractor must be able to demonstrate ownership of all equipment necessary to complete all portions of the Contract. The list shall not include Subcontractor equipment.

- | | |
|--|---|
| (1) 2011 VMI MD630
Hydraulic Dredge | (1) CT Manufacturing
18000 gallon Mixing Tank |
| (2) Charter Machine
Model 3BTP22.593S
Three Belt Tower Presses
Trailer mounted 2011 | (1) JMS Package Clarifier
Unit - Filtrate Water Treatment
system 2014 |

The Contractor shall demonstrate the completion of at least two projects of similar size and scope to the subject Project within the last 5 years.

Project Name	Completion Date	Volume or Dry Tonnage of Dredged Material	Location
* CC MWA Cobb County Water	2011	60,000 CY	Marietta, GA
Durham County	2014	Multiple jobs since 2004	Triangle WWTP

Please attach additional sheets as necessary to complete the items above.

* See Attached Article for similar project

8. BID FORM SIGNATURES

Refer to Document [00 21 15] for specific Bid form signature requirements for corporations, partnerships, limited liability companies, individuals, or sole proprietorships.

WILLIAMS TERMINAL RESERVOIR RESIDUALS REMOVAL
DEPT. OF WATER MANAGEMENT
CITY OF DURHAM, NORTH CAROLINA

CORPORATION

The Corporate Seal of

Bio-Nomic Services, Inc.

(Bidder - print the full corporate name of firm)

[Signature]

(President/Vice President/Authorized Corporate Officer)

(Seal)

was hereunto affixed in the presence of:

[Signature]

(Secretary/Assistant Secretary)

(Seal)

Corporate Address:

516 Rountree Rd
Charlotte, NC 28217

.....

IL

(State of Incorporation)

**SECRETARY'S CERTIFICATE
OF
BIO-NOMIC SERVICES, INC.**

The undersigned, being the duly elected and acting Secretary of Bio-Nomic Services, Inc., an Illinois corporation incorporated and existing under the laws of the State of Illinois (the "Corporation"), does hereby certify that:

1. Attached hereto as **Exhibit A** is a true, complete and correct copy of the By-laws of the Corporation, which By-laws are in full force and effect.
2. The following are the duly elected and qualified officers and directors of the Corporation:

<u>Name</u>	<u>Title</u>
Peter Fleetwood	President/Director
Joel Coert	Secretary and Treasurer

3. As of the date of this Secretary's Certificate, Carylton Corporation is the holder of 1,000 shares of the no par value common stock, being all of the issued and outstanding stock of the Corporation.

IN WITNESS WHEREOF, the undersigned has duly executed this Secretary's Certificate as of this 14th day of May, 2007.

By:



Joel Coert,
Secretary of
BIO-NOMIC SERVICES, INC.





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DEPT. OF WATER MANAGEMENT
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LIMITED LIABILITY COMPANY

.....
(Bidder - print the full name of firm)

.....
(Authorized Firm Member)

(Seal)

was hereunto affixed in the presence of:

.....
(Witness)

(Seal)

Firm Address:

.....

.....

.....

.....
(State of Formation)

INDIVIDUAL OR SOLE PROPRIETORSHIP

.....
(Bidder - print the full name of individual or sole proprietorship)

(Seal)

Individual or Sole Proprietorship Address:

.....

.....

.....

PARTNERSHIP

.....
(Bidder - print the full corporate name of partnership)

.....
(Partner and Title)

(Seal)

(All Partners shall sign, additional signatures with titles and seals may be added below.)

was hereunto affixed in the presence of:

.....
(Witness)

(Seal)

Partnership Address:

.....
.....
.....



CITY OF DURHAM SMALL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

PROCUREMENT FORMS

Revised 12/15



Street Address:

Phone: 919-560-4180
Facsimile: 919-560-4513

101 City Hall Plaza (Annex)
Durham, North Carolina 27701

The Department of Equal Opportunity/Equity Assurance
Good Things Are Happening In Durham

**Small Disadvantaged Business Enterprise Ordinance
SDBE Procurement Documentation**

If applicable information is not submitted with your bid, your bid will be deemed non-responsive.

Declaration of Performance must be completed and submitted with your bid.

Managerial Profile must be used to list the managerial persons in your work force who will be participating in this project.

Equal Employment Opportunity Statement for your company must be completed and submitted with your bid.

Employee Breakdown must be completed and submitted for the location providing the service/commodity. If the parent company will be involved in providing the service/commodity on the City contract, a consolidated employment breakdown must be submitted.

COMPLETE THIS FORM
DECLARATION OF PERFORMANCE BY VENDOR/CONTRACTOR

Briefly address each of the following items:

1. A brief synopsis of the company and the products/services it provides:

Sludge Removal; Sewer Cleaning

2. Describe the normal procedure used on a bid of this type, giving the flow of purchase from the company to the ultimate purchaser:

*The supplier may invoice every
Two weeks.*

3. List anyone outside of your company with whom you will contract on this bid:

Carolina Transport Services, WBE FIRM

The undersigned vendor/contractor certifies that:

- (a) It is normal business practice of the vendor/contractor to perform all elements of the contract with its own work force without the use of subcontractors/vendors; and
It is normal business practice to perform dredging and Belt Filter Press dewatering without use of subcontractors
- (b) That the above documentation demonstrates this firm's capabilities to perform all elements of the contract with its own work force or without the use of subcontractors/vendors.
Sludge Removal + Dewatering performed by own work force
- (c) The vendor/contractor will use a subcontractor(s) in the fulfillment of this scope of work.
subcontractor - Hauling

3/23/16

Date

John M. Cant

Authorized Signature

**COMPLETE THIS FORM
Managerial Profile**

Name of Firm: Bio-Nomic Services Inc.
 Contact person: Joel Coert
 Title: Division Manager
 Address: 516 Rountree Road, Charlotte, NC 28217
 Telephone No.: 704-529-0000
 Date: 3-23-16

List the managerial persons in your work force who will be participating in this project, including name, position, and whether the individuals are minority or woman within the definition* of the City of Durham's Minority and Women Business Enterprises Ordinance.

Managerial Employees

<u>NAME</u>	<u>POSITION</u>	<u>(YES/NO) MINORITY/WOMAN</u>
<u>Joel Coert</u>	<u>Division Manager</u>	<u>No</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

*"Minority" means an individual who is a citizen or lawful permanent resident of the United States and who is a "Black American", a person having origins in any of the Black racial groups of Africa. On building contracts, construction over \$100,000.00 or federally funded projects, the federal and/or state definitions apply.

COMPLETE THIS FORM
EQUAL OPPORTUNITY STATEMENT



BIO-NOMIC SERVICES, INC..

Specializing in today's needs for environmental protection
516 Rountree Road, Charlotte, NC 28217-2133

AFFIRMATION OF EEO/AFFIRMATIVE ACTION POLICY

It is the policy of Bio-Nomic Services, Inc. to promote equal employment opportunities through a positive continuing program. This means that Bio-Nomic Services, Inc. will not discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, age, mental or physical handicap, disability, or veteran status. The Company will take affirmative action to ensure that all employment practices are free of such discrimination.

To implement these policies, the Company will:

- A. Recruit, hire, train, and promote persons in all job classifications without regard to race, color, creed, religion, national origin, sex, age, mental or physical handicap, disability, or veteran status.
- B. Base its decisions on employment so as to further the principles of equal employment opportunity.
- C. Ensure that all personnel actions, including but not limited to, hiring, upgrading, demotion, transfer, recruitment, advertising, selection, layoff, discipline, termination, employee benefits, rates of pay, training, and social recreation programs are administered without regard to race, color, creed, religion, national origin, sex, age, mental or physical handicap, disability or veteran status.
- D. Ensure that promotion decisions are in accord with the principles of equal opportunity by imposing only valid requirements for promotion.

Equal employment opportunity is the law and the practice of this Company. I am personally committed to the goal of equal employment opportunity, and I expect each employee to cooperate to achieve this goal. To ensure that this policy is carried out I have named Jack Wales as the Equal Employment Opportunity Officer. As such, the Controller has the responsibility for the initiation and administration of the affirmation action plan. Any employee or applicant wishing to review the affirmative action plan should contact the Controller during regular office hours.

Sincerely,

Bio-Nomic Services, Inc.

Peter P. Fleetwood

President

COMPLETE THIS FORM OR ATTACH COMPUTERIZE FORM

EMPLOYEE BREAKDOWN

Part A – Employee Statistics for the Primary Location

M-----a-----l-----e-----s

F-----e-----m-----a-----l-----e-----s

Employment Category	Total Employees	Total Males	Total Females	White	Black	Hispanic	Asian or Alaskan Islander	Indian or Alaskan Native	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manger	7	6	1						1				
Professional	2	1	1						1				
Labor	50	50			3	1		1					
Clerical	2	1	1						1				
Totals	61	58	3		3	1		1	1				

Part B – Employee Statistics for the Consolidated Company (See instructions for this form on whether this part is required.)

M-----a-----l-----e-----s

F-----e-----m-----a-----l-----e-----s

Employment Category	Total Employees	Total Males	Total Females	White	Black	Hispanic	Asian or Alaskan Islander	Indian or Alaskan Native	White	Black	Hispanic	Asian or Pacific Islander	Indian or Alaskan Native
Project Manger													
Professional													
Labor													
Clerical													
Totals													

Form E-101 SDBE PARTICIPATION ON BASE BID

Name of Bidder: Bio-Nomic Services, Inc.

Prequalification number: N/A Prequalification expiration date: _____

Total dollar amount of SDBE participation in base bid work: TBD

For each row, check one column: E, F, or G.

Column A	Column B	Column C	Column D	Column E	Column F	Column G
Name of proposed subcontractor for base bid work	Goods and services to be provided for base bid work	Subcontract amount, in dollars, for base bid work	Percentage of total base bid (Column C divided by total base bid)	Black-owned SDBE	Women-owned SDBE	Non-SDBE
Carolina Transport Services	Hauling Truck	\$ 72.50 per Hour	%		✓	
		\$	%			
		\$	%			
		\$	%			

Attach extra sheets as needed. See question 14 under QUESTIONS AND ANSWERS ON SDBE REQUIREMENTS, which states that the bidder may check column E or column F for an SDBE that is neither Black-owned nor women-owned.

Do the above participation amounts meet the goals on this contract, assuming only the base bid is counted?
 Yes **No**. If the answer is No: (1) the bidder must have made good-faith efforts; (2) the bidder must provide, within 2 business days after bid opening, documentation of good-faith efforts; and (3) the bidder must sign below. *The established Goal on Contract is 0%*

As an authorized representative of the Bidder, I swear or affirm under penalty of fraud that the good-faith efforts documentation submitted with this bid, pertaining to the base bid and all alternates, if any, is correct and not intended to defraud or mislead. After the contract between the City and the Bidder is signed, except to the extent that the City gives prior written approval for changes, the Contractor agrees that it shall engage the subcontractors listed on this E-101 and on all applicable E-102 forms, to perform the work for the dollar amounts or percentages described on this E-101 and applicable E-102s.

Janell Cant
Signature of individual authorized to sign for Bidder

Form E-105 STATEMENT OF INTENT TO PERFORM AS SUBCONTRACTOR

Name of Bidder: Bio-Nomic Services, Inc.
 Name of Project: Williams Terminal Reservoir Residuals Removal

The undersigned firm is certified by the City of Durham as an SDBE.
 The undersigned SDBE represents that it will enter into a formal contract with the Bidder to perform the following work in connection with the Project, in the dollar amount or percentage listed below, if the Bidder signs a contract with the City of Durham for the Project.
 Describe the work in sufficient detail so that it can be determined whether the SDBE's work is a substantial and necessary part of the Project.

Column 1 - description of work to be done by undersigned SDBE	Column 2 - dollar amount of the proposed subcontract between the bidder and the undersigned SDBE	Column 3 - percentage of Bidder's base bid represented by the proposed subcontract between the Bidder and the undersigned SDBE
Hauling	\$72.50/HR PER UNIT QUINT	TBD

The undersigned SDBE will be ready to begin work on the subcontract on the following date:

Name of SDBE: Carolina Transport Services, LLC telephone no. 919-596-5905

Address, including zip code, of SDBE: _____ fax no. 919-598-1302

Lettie Greene
 Signature of authorized representative of SDBE

Title of the person who signed above: Managing member/owner

What person with the SDBE should the City contact with questions about this form or the proposed subcontract? Lettie Greene

Name of individual: Lettie Greene telephone no. 919-596-5905

Title of individual: owner

Email address: lettie@carolina-transport-services.com

By submitting this form to the City of Durham, the Bidder represents that if the Bidder signs the contract with the City of Durham for the Project, the Bidder will enter into the subcontract described above with this SDBE.

NON-COLLUSION AFFIDAVIT OF BIDDER

State of NC County of Mecklenburg
Joel L Coert, being first duly sworn, deposes and says that:

1. He is Division Mgr/Sec/Treasurer of Bio-Nomic Services, the Bidder that has submitted the attached Bid;
2. He is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from Bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy connivance or unlawful agreement any advantage against the _____ (Local Public Agency) or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed)

Joel L Coert

Division Manager

Title

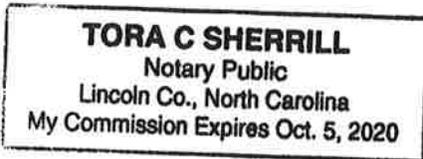
Subscribed and sworn to before me this

23rd day of March, 2016

Tora C Sherrill

Title

My Commission Expires 10-5-20



BID BOND for the City of Durham

Contract name and number or other description of the Contract: Williams Terminal Reservoir Residuals Removal

Name of Bidder: Bio-Nomic Services, Inc.

Name, address, and telephone number of Surety's N. C. Resident Agent: N/A
Surety's local office in N.C.: Travelers Insurance, 4505 Emperor Blvd., Suite 210, Durham, NC 27703
phone: (888) 461-1908

Telephone number of Surety's home office: (860) 277-2895

Surety is a corporation organized and existing pursuant to the laws of the State of: Connecticut

Amount of this bond: check one:

(write or type the amount in words and figures) All numbers in this section are in U. S. dollars.

(\$)

five percent of the amount of the proposal

Date of execution of this bond: March 24, 2016

Obligee: CITY OF DURHAM, a North Carolina municipal corporation.

KNOW ALL PERSONS BY THESE PRESENTS, that the Surety executing this bond, which Surety is duly licensed to act as surety in North Carolina, is held and firmly bound unto the City of Durham, Obligee, in the penal sum of the amount stated above, for the payment of which sum, well and truly to be made, the Surety binds itself and its successors and assigns, jointly and severally, by these presents. Whereas the Bidder is herewith submitting a proposal for the Contract referred to above, and the Bidder desires to file this Bid Bond in lieu of making the cash deposit pursuant to G.S. 143-129; NOW THEREFORE, THE CONDITION OF THE ABOVE OBLIGATION is such, that if the Bidder shall be awarded the contract for which the bond is submitted, and shall, within ten days after the award is made, execute and deliver to the Obligee the contract and give satisfactory surety as required by G.S. 143-129, then this obligation shall be null and void, otherwise to remain in full force and virtue; and if the Bidder fails or refuses to so execute and deliver said contract or give said satisfactory surety, the Surety shall upon demand forthwith pay to the Obligee the full penal sum of this bond. The Surety waives all extensions of time and notice of extensions of time, for the opening of proposals and for the modification, award, execution, and delivery of the contract. IN WITNESS WHEREOF, the Surety has executed this instrument under its seal as of the date of execution indicated above, pursuant to authority of its governing body.

Travelers Casualty and Surety Company of America

(name of Surety)


Brenda D. Hockberger (signature of Surety's attorney in fact)
Attorney-in-Fact (Affix Surety's corporate seal.)

(Instructions to Surety: If you use a raised corporate seal, press hard enough to make it legible)
Bid Bond Page 1 RNW:071301

State of ILLINOIS
County of COOK

On this 24th day of March, 2016, before me personally appeared Brenda D. Hockberger, known to me to be the Attorney-in-Fact of **TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA**, the corporation that executed the within instrument and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first written above.



Oscar F. Rincon
(Notary Public)



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 229832

Certificate No. 006184063

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Carol F. Tasciotti, Evonne Brown, Adele M. Korczak, Grace Villarreal, Gail Schroeder, Gina M. Damato, Thomas A. Pictor, Michael Damewood, Luisa Seymour, Thomas N. Tague, Brenda D. Hockberger, Carlina A. Oswald, Tara S. Petersen, Todd D. Baraniak, Dale F. Poquette, Oscar F. Rincon, Moises Alcantar, James P. Fagan, Stephanie Miller, Grace Lawrence, Ann Mulder, Launa Reidenbach, William Matthews, Mary D. Thomas, Amber Derkson, Dan Hasson, Dan Orna, Kristan Retusnic, Kathleen Stewart, Mary Jo Campbell, Carrie Smith, Adam Kveton, Jessica Hernandez, Robin Vinci, Jason Cummings, Deb Bartz, Emily Swatkowski, Renee D. Davis, and Tiffany Uribe

of the City of Chicago / Naperville, State of Illinois, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 19th day of August, 2015.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 19th day of August, 2015, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

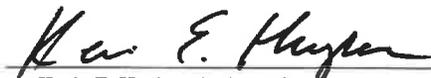
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of March, 20 16


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

ACKNOWLEDGMENT OF SURETY'S EXECUTION OF BID BOND

State of _____ County of See attached jurat for surety's notary acknowledgment

I, _____, a notary public in and for said county and state, certify that
_____ personally appeared before me this day and acknowledged
that he or she is Attorney in Fact for

_____, the Surety named in the
foregoing Bid Bond, in which bond the Obligee is the City of Durham, and that he or she executed said
bond, under the seal of the Surety, on behalf of the Surety.

This the _____ day of _____, 20_____.

My commission expires: _____

Notary Public

Contract Safety Record Information

The Contractor's safety record shall be reviewed and evaluated in addition to other quality and performance criteria as part of bid evaluation process. The bidder's failure to provide the requested information and documentation may result in the rejection of your bid as non-responsive. Because a poor safety record can be indicative of poor past performance, your bid may also be rejected if you have any of the following deficiencies: (1) a DART Incident Rate above the Industry Average, (2) an EMR above the industry average, (3) OSHA citations or investigations, or (4) an inadequate safety plan. For each identified deficiency you must provide a written explanation of the deficiency and include a detailed explanation of the actions you have taken to address such safety record deficiency.

The following definitions shall apply to this section:

"DART incident rate" – Acronym for "Days Away, Restrictions and Transfers". The DART incident rate may be used to show the relative level of injuries and illnesses within a firm compared to the industry. It is based only on those injuries and illnesses severe enough to warrant "Days Away, Restrictions and Transfers". The DART incident rate is calculated using OSHA's Form 300 and the following formula:

$$\frac{((\text{Number of entries in column H (days away from work) + column I (job transfer or restriction)} \times 200,000) / (\text{Number of hours worked by all employees}))}{\text{Number of hours worked by all employees}} = \text{DART Incident rate.}$$

"EMR" – Acronym for "Experience Modification Rate," is an indicator of a contractor's past safety performance, widely used by the insurance industry as an equitable means of determining premiums for workers' compensation insurance. The rating system considers the average workers' compensation losses for a given firm's type of work and amount of payroll and predicts the dollar amount of expected losses to be paid by that employer in a designated rating period, usually three years. The rating is based on comparison of firms doing similar types of work, and the employer is rated against the average expected performance in each work classification. Losses incurred by the employer for the rating period are then compared to the expected losses to develop an experience rating.

"OSHA" – Acronym for the Federal Occupational Health and Safety Administration. The term "OSHA" as used in this Policy also refers to any state or local agency having jurisdictional authorization to enforce worker safety requirements and assess fines or warnings for violation of worker safety standards.

All bidders must submit the following information regarding their safety record.

1. OSHA DART Incident Rate. Provide the bidder's DART Incident Rate calculated from OSHA's Form 300 for the last three years and the other required information



September 3, 2015

Pete Fleetwood
BIO-NOMIC Services, Inc.
516 Roundtree Road
Charlotte, NC 28217-3133

Re: Experience Modification Rate (EMR)

Dear Pete:

I understand your customers are requesting contractors submit their workers' compensation experience rate (EMR) as part of bid qualifications. The following factors should be used when completing any Contractor's Safety Data Submittal. This EMR is effective as of 10/31/2015.

<u>Policy Year</u>	<u>EMR</u>
10/31/2015-2016	.84
10/31/2014-2015	.80
10/31/2013-2014	.70

The current EMR indicates that you are better than the average for businesses using the same sewer cleaning class. Clearly, your loss experience indicates that you are above average when compared to your peers.

If you have any questions, please don't hesitate to call.

Very truly yours,

Robert J. Trompeter

cc: John Kofod

shown in the example table below. *The bidder must attach all supporting documentation and calculations including certified OSHA forms.*

YEAR	CONTRACTOR DART INCIDENT RATE	MOST CURRENT INDUSTRY FIELD DART INCIDENT RATE**	NAISC CODE
2014	0	5.1	562 998
2013	1.99	4.7	562 998
2012	4.06	5.4	562 998

** the "Industry Dart Incident Rate" for your industry field and code may be found at the following website: <http://www.bls.gov/iif/oshsum.htm>. Scroll down to Summary Tables and click "PDF" for most current available data.

(a) IF YOUR DART INCIDENT RATE IS ABOVE THE INDUSTRY AVERAGE FOR ANY YEAR, ATTACH A WRITTEN EXPLANATION OF THE ACTIONS YOU HAVE TAKEN TO REDUCE YOUR DART INCIDENT RATE.

2. Experience Modification Rate (EMR). Provide the bidder's most recent Experience Modification Rate (EMR) based on insurance claims history. *The bidder must provide the source of the EMR information and contact information of insurer entity providing the EMR.*

YEAR	CONTRACTOR EMR	INDUSTRY FIELD AND CODE	NAME AND CONTACT INFO FOR EMR INFORMATION
2015	0.84	see Attached Letter	Robert Trompeter Risk Resources 410 N. Spring Ave. La Grange Park, IL 60526

(a) IF YOUR EMR IS GREATER THAN 1.0, ATTACH A WRITTEN EXPLANATION OF THE ACTIONS YOU HAVE TAKEN DO REDUCE YOUR EMR.

3. Answer the following OSHA Specific Questions:

(a) Within the last 2 years, has the bidder received any citations classified by OSHA as being (1) serious, (2) willful and/or (3) repeat violations where your company operates?



BIO-NOMIC SERVICES, INC.

516 Rountree Road • Charlotte, North Carolina 28217 • (704) 529-0000

Specializing in today's needs for environmental protection.

DART Incidence Rates 2015-2012

$$\text{DART} = \frac{(\text{Total Days Away from Work}) + (\text{Total Job Transfers or Restrictions}) * 200,000}{\text{Number of Employee Hours Worked}}$$

2015

$$\begin{aligned} \text{DART} &= \frac{0 + 0 * 200,000}{69,822} \\ &= 0 \end{aligned}$$

2014

$$\begin{aligned} \text{DART} &= \frac{0 + 0 * 200,000}{48,179} \\ &= 0 \end{aligned}$$

2013

$$\begin{aligned} \text{DART} &= \frac{1 + 0 * 200,000}{100,662} \\ &= 1.99 \end{aligned}$$

2012

$$\begin{aligned} \text{DART} &= \frac{2 + 0 * 200,000}{97,391} \\ &= 4.11 \end{aligned}$$

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35. In OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of cases other recordable cases
0 (G)	0 (H)	0 (I)	0 (J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
0 (K)	0 (L)

Injury and Illness Types

Total number of... (M)	(1) Injury	(4) Poisoning	(6) All Other Illnesses
0	0	0	0
(2) Skin Disorder	0	(5) Hearing Loss	0
(3) Respiratory Condition	0	0	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name BIO-NOMIOC SERVICES, INC

Street 516 ROUNTREE RD

City CHARLOTTE State NC Zip 28217

Industry description (e.g., Manufacture of motor truck trailers)
ENVIRONMENTAL SERVICES

Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
7 6 9 9

OR North American Industrial Classification (NAICS), if known (e.g., 336212)
5 6 2 9 9 8

Employment information

Annual average number of employees 22

Total hours worked by all employees last year 48,179

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

BIO-NOMIOC SERVICES, INC
Company executive

PRESIDENT
Title

704-529-0000 Phone 1/7/2015 Date

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0."

Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.35, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases			
Total number of deaths	Total number of cases away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0 (G)	1 (H)	0 (I)	2 (J)

Number of Days	
Total number of days away from work	Total number of days of job transfer or restriction
1 (K)	0 (L)

Injury and Illness Types						
Total number of... (M)	(1) Injury	(2) Skin Disorder	(3) Respiratory Condition	(4) Poisoning	(5) Hearing Loss	(6) All Other Illnesses
	3	0	0	0	0	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact the US Department of Labor, OSHA Office of Statistics, Room N-3844, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name BIC-NOMIC SERVICES, INC

Street 516 ROUNTREE RD

City CHARLOTTE State NC Zip 28217

Industry description (e.g., Manufacture of motor truck trailers) ENVIRONMENTAL SERVICES

Standard Industrial Classification (SIC), if known (e.g., SIC 3715) 7 6 9 9

OR North American Industrial Classification (NAICS), if known (e.g., 336212) 5 6 2 9 9 8

Employment information

Annual average number of employees 45

Total hours worked by all employees last year 100,662

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

BIC-NOMIOC SERVICES, INC
Company executive PRESIDENT Title

704-529-0000 Phone 1/14/2014 Date

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete. Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the log. If you had no cases write "0". Employees former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR 1904.45, in OSHA's Recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases			
Total number of deaths	Total number of cases away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
0 (G)	2 (H)	0 (I)	1 (J)

Number of Days	
Total number of days away from work	Total number of days of job transfer or restriction
257 (K)	99 (L)

Injury and Illness Types						
Total number of... (M)	(1) Injury	(2) Skin Disorder	(3) Respiratory Condition	(4) Poisoning	(5) Hearing Loss	(6) All Other Illnesses
	3	0	0	0	0	0

Post this Summary page from February 1 to April 30 of the year following the year covered by the form

Public reporting burden for this collection of information is estimated to average 56 minutes per response, including time to review the instruction, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Ave. NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name BIO-NOMIC SERVICES, INC
 Street 516 ROUNDTREE RD
 City CHARLOTTE State NC Zip 28217
 Industry description (e.g., Manufacture of motor truck trailers)
ENVIRONMENTAL SERVICES, INC
 Standard Industrial Classification (SIC), if known (e.g., SIC 3715)
7 6 9 9
 OR North American Industrial Classification (NAICS), if known (e.g., 336212)
5 6 2 9 9 8

Employment information

Annual average number of employees 40
 Total hours worked by all employees last year 97,391

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

PETER P FLEETWOOD PRESIDENT
 Company executive Title
704-529-0000 1/9/2013
 Phone Date

Yes _____ No

If yes, attach a copy of each such citation and violation, and include a written explanation of the actions you have taken to reduce the incidents of such OSHA violations in the future.

(b) Has the bidder experienced any work-related fatalities within the last five years?

Yes _____ No

If yes, attach an explanation of each such fatality, and include a written explanation of the actions you have taken to reduce the incidents of such fatality or fatalities in the future.

(c) Has the bidder had any citations issued by OSHA as a result of work related fatalities within the past 5 years?

Yes _____ No

If yes, attach a copy of such citation(s), an explanation of the citation(s), and include a written explanation of the actions you have taken to reduce the incidents of such OSHA citations in the future.

(d) Is the bidder under investigation for any work-related fatalities?

Yes _____ No

If yes, attach a written explanation of each such investigation, and include a written explanation of the actions you have taken to reduce the incidents of such fatality or fatalities in the future.

4. Safety Plan:

(a) Does the company have a written safety program that includes responsibility for all aspects of safety management?

Yes No _____ N/A _____

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency.

(b) Does the company have a written plan for safety training of new employees and ongoing training of existing employees?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency

(c) Does the company have documented evidence of safety training that they have conducted?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency

(d) If the company has employees with limited English ability, does the company have a written plan for ensuring that their employees understand the training they are being given?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency

(e) Do all supervisors have an appropriate documented level of OSHA training (e.g., a minimum of 30 hour OSHA construction safety training)?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency

(f) Do employees have documented basic OSHA 10 hour construction safety training?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency

(g) Does the company have a documented Hazard Communication Program?

Yes No N/A

If you answered "No" or "N/A", attach a written explanation and what actions you have taken to address such Safety Plan deficiency.

5. Required Written Explanation of Deficient Safety Record. Your bid may be rejected if you fail to provide an adequate written explanation of actions you have taken to address a deficient safety record pursuant to this safety information request form.



BIO-NOMIC SERVICES, INC.

Specializing in today's needs for environmental protection.

516 Roundtree Road • Charlotte, North Carolina 28217-2133 • (704)-529-0000 • Fax (704)-529-1648

SLUDGE REMOVAL AND DEWATERING REFERENCE

STATEMENT OF CAPABILITIES AND REFERENCES

Bio-Nomic Services, Inc. has completed sludge dredging and dewatering projects throughout this country and overseas utilizing a variety of filter press equipment. Bio-Nomic Services, Inc. is a specialty contractor specifically supplying sludge dewatering services, digester cleaning services as well as dredging and land application of biosolids. Bio-Nomic Services, Inc. presently owns and operates fifteen (15) fully self-contained filter press units, two (2) plate and frame presses, as well as seven (7) hydraulic dredges. Additional equipment includes loaders, generators, pumps, etc. Press leases or complete turnkey sludge dewatering services are available. References are listed as follows:

DUKE POWER

Charlotte, NC

Contact: Gary Sain

Telephone: (704)-382-3819

Hydraulic Dredging and Dewatering

1992 to present \$30,000 annually

SPRINGS INDUSTRIES

Fort Mill, SC

Contact: Keith Griffin (803)-547-1737

Dredge and dewater alum sludge basin.

1992-2008. Approximately 50,000 Cubic

Yards in place annually. \$500,000.00 annually

DOE RUN CORPORATION

Boss, MO

Contact: Justin Province

Telephone: (573)-626-3481

Dredging & Dewatering at

wastewater treatment plant.

1998 to Present \$1.0 M

CITY OF ORANGEBURG

Orangeburg, SC

Contact: Hank Rutland (803)-268-4421

Dredged and dewatered alum sludge

from 13 acre retention basin

2005-2006 \$460,000.00

CLARIANT CORPORATION

Charlotte, NC 28217

Contact: Mike Rash (704)-822-2727

Dredging and dewatering of sludge.

Clarifier cleaning.

1994,1998,2000,2002-2003

WESTERN CAROLINA RSA

Greenville, SC

Contact: Randy Boyette

Telephone: 864-282-0967

Digester cleaning, lagoon cleaning

1995 to Present

\$ 1.0 M

DURHAM COUNTY

Durham, NC

Contact: Joe Pearce (919)544-8832

WWTP Dredging and Dewatering

2004 to 2014

\$500,000.00 annually

CITY OF GASTONIA

Gastonia, NC

Contact: Nelson Jenkins (704)842-5108

Digester Cleaning and Dewatering

WTP Alum dewatering 2000 to current

\$80,000.00 annually

Proper Planning for a Perfect Project

Georgia Water Authority Performs Major Dredging Job In Record Time

Steve Gibbs



The Quarles Raw Water Reservoir was originally built in 1952 with a 25 million gallon capacity. Sediment in the reservoir reduced its capacity by almost half.

Experienced public works directors don't need a crystal ball to see into the future. When the **U.S. EPA (Environmental Protection Agency)** established new water quality regulations in 2005, the public works officials in **Cobb County, Georgia (GA)**, knew that major rehabilitation work at their water treatment plants was on the horizon.

The **Cobb County-Marietta Water Authority (CCMWA)** in suburban Atlanta recently completed the largest dredging and dewatering project in their long history. The project was compressed into half the time it would normally have required in order to meet construction deadlines necessary for the district to be in compliance with new EPA guidelines. The effort by the CCMWA and its contractors and partners is a study in thoughtful planning and perfect execution, and serves as a model for other districts facing similar deadlines.

First Things First

The Stage 2 Disinfectants and Disinfection By-product Rule (Stage 2 DBP rule) of '05 tighten the requirements for two groups of DBPs – trihalomethanes (TTHM) and haloacetic acids (HAA5). A major Stage 2 deadline occurs in 2012, and public works departments across the country are now hard at work to make sure they are in compliance when the time comes.

The CCMWA serves 350,000 people and has two water treatment plants and reservoir built in 1952. To meet the new Stage 2 standards, they had to add granular activated carbon filters to their treatment processes. This will require taking one plant at a time off line during the construction phase, greatly reducing treatment capacity and system redundancy.

During the planning phase of the project, engineers determined that they needed to take an important preliminary step before they began construction at their treatment plants. The Quarles Raw Water Reservoir was found to be half filled with sediment, creating both treatment and capacity issues.

The reservoir serves as an equalization basin between the Chattahoochee River and the CCMWA's two treatment plants. Built in 1952, it was designed with a capacity of 25 million gallons. However, since its last dredging in the mid-1970s, sediment flowing in from the river and from treatment "backwash" from the plants had reduced capacity

The recent dredging project was the first time floating dredging equipment has been used in the Quarles Reservoir.



by half. Sediment often found its way into the treatment plant, reducing treatment efficient and potentially affecting water quality and creating process issues. Furthermore, the engineers wanted to ensure adequate reservoir capacity during the construction phase at the treatment plants, as low water levels combined with reduced treatment capacity could result in water shortages for the district's residents.

"It's a little like a family with two cars," explained **Thomas Ginn, P.E.**, the process engineer for the CCWMA. "If one car has mechanical problems, you want to make sure you can share the other car. We had to make sure we could meet water demand while each of our treatment plants was shut down. Restoring capacity in the reservoir was the first step."

Difficult Deadline

Initial tests of the reservoir indicated that this would be a big job. The reservoir contained an estimated 68,000 yd³ of sediment and treatment plant residue that would have to be pumped out and dewatered. Because the sediment contained treatment residuals such as alum, the dewatered *cake* would require disposal at a Subtitle D landfill, so extensive trucking would be involved. The reservoir is located near a residential neighborhood, so noise and traffic were important factors. There also was the issue of coordinating the work at the reservoir with work going on at the James. E. Quarles Water Treatment Plant. Limited street access to the plant could potentially cause congestion as trucks came to and from the plant during the day.

"This project required extensive planning and coordination," said Andrew Lovejoy, P.E., of Civil Engineering Consultants of Marietta, Georgia. "Because of the work being planned at the two treatment plants, we had a very difficult deadline to meet, about six months. There are very few contractors who could take on a project of this scope. We had five bidders and all five of them recommended the same two companies as their subcontractors – Bio-Nomic and Metropolitan."

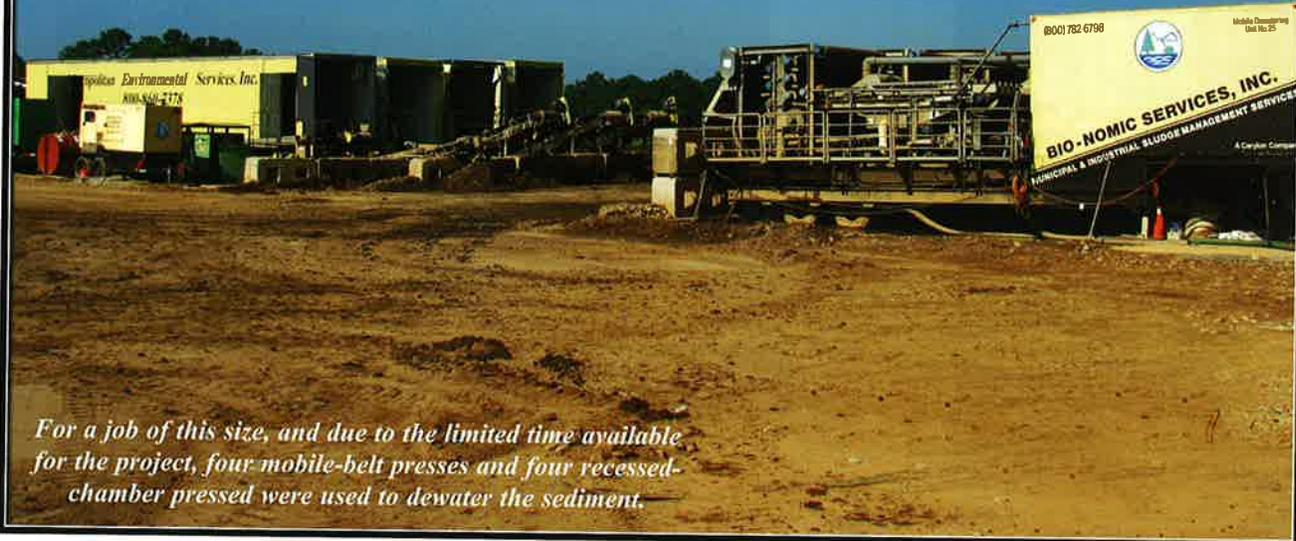
Heavy Constructors, Inc., of Marietta, Georgia, was awarded the job and they immediately called in **Bio-Nomic Services** and **Metropolitan Environmental Services**, which are sister companies in the Carylton Corporation. For most dredging and dewatering projects, only one subcontractor would be needed, but the timeline for this job required both companies working simultaneously.

"A job of this size requires big mobilization, and only a few companies can handle it," said Peter Fleetwood, president of Bio-Nomic Services. "A lot of big, expensive equipment is involved, plus a lot of project coordination. It's very important to have experience with jobs like these."

Dredging and dewatering the **Quarles Raw Water Reservoir** in a six-month time frame meant doubling the equipment normally used for a project like this one. In this case, Bio-Nomic Systems brought in four mobile belt presses and Metropolitan contributed four recessed chamber presses. For the first time, floating dredging equip-

Proper Planning for a Perfect Project

from pg. 17)



For a job of this size, and due to the limited time available for the project, four mobile-belt presses and four recessed-chamber presses were used to dewater the sediment.

ment was put into the reservoir – the only previous dredging work was accomplished from the bank. As the sediment was removed it was dewatered, then the resulting cake was trucked to an approved landfill. The entire project was choreographed so that the fleet of trucks did not excessively interfere with neighborhood traffic, nor did they impede the trucks arriving at the treatment plant for preliminary construction work there. Also, as part of the contract, trucks were required to be kept clean so that mud was not tracked onto neighborhood streets. There also were noise and odor restrictions to comply with.

“These guys, Bio-Nomics and Metropolitan, really are experts at this,” said Lovejoy. “It takes a lot of expertise to develop and execute a big project like this one. I don’t think there have been any complaints from residents during the course of the work.”

Lessons Learned

Shortly after the dredging work, engineers took the opportunity to drain the reservoir to do some armoring and maintenance work on the banks and sluice gates. Total price tag for this phase of the work – the dredging, armoring and maintenance – was just over US\$4M. CCMWA will incur no debt on the work, as the project was paid for out of their capital improvement program funding.

One of the lessons learned by CCMWA is the need for regular dredging of the reservoir. One benefit of regular dredging is economics – greater capacity in the reservoir reduces the amount of pumping necessary to bring water from the Chattahoochee, thus saving electrical costs. Also, doing a smaller dredging project every five years or so will eliminate the need to do a massive project such as the one just completed.

Dr. Thomas Ginn, P.E., is the process engineer for the Cobb County-Marietta Water Authority.



A deeper, cleaner reservoir will allow suspended solids to settle out better, which will enhance treatment efficiency. The reservoir will also have ample capacity while the treatment plants are in their construction phase.

“This (the reservoir dredging project) will decrease the potential for water quality problems or process issues at our treatment plants,” said Ginn. “It’s a very good proactive preventive maintenance step.”

The dredging and reservoir rehabilitation project ended just in time for serious work to begin at the treatment facility. Thanks to careful planning and experience, CCMWA will be able to meet its Stage 2 deadlines and have a more efficient, cost-effective water treatment process. E: sgibbs@tagteamglobal.com

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EQUIPMENT LIST



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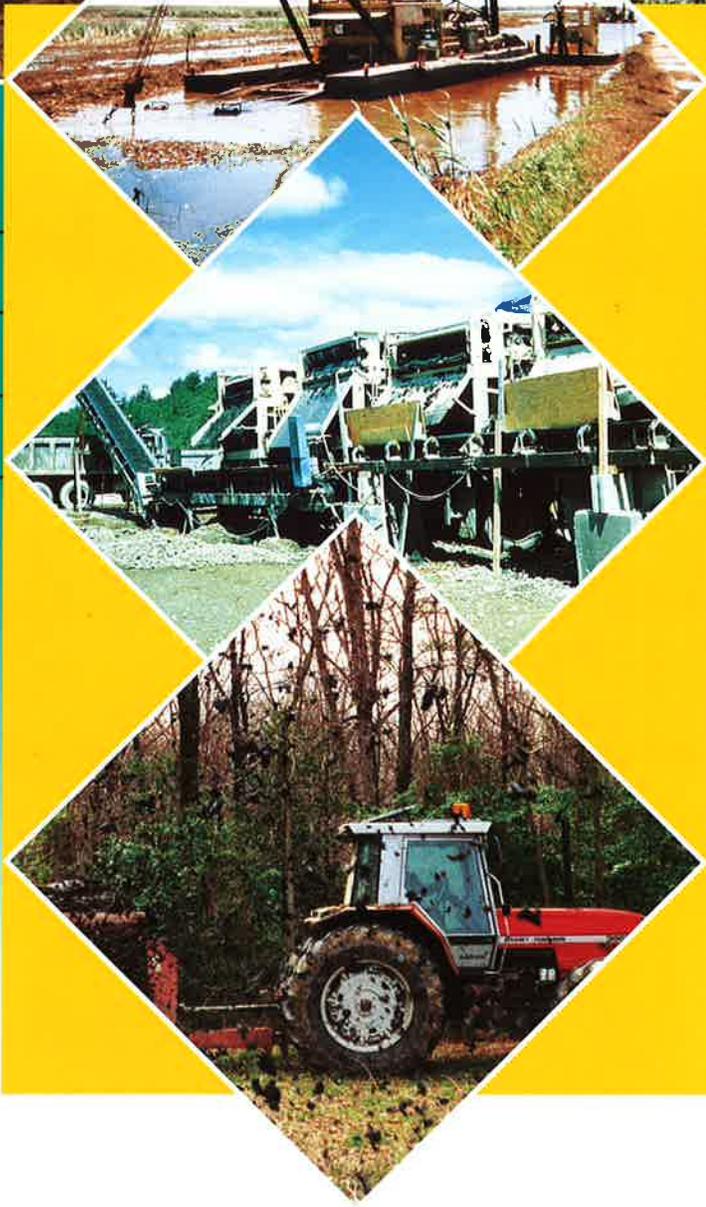
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2	Mobile plate and frame 110 cubic foot filter presses
17	Mobile belt filter press dewatering units
7	Hydraulic Dredges SP (3) 810, (1) 815, (1) 915, (1) MC915, (1) MD615
25	6,500 Semi Tankers
1	24" Mobile Centrifuge
2	Floation tired self propelled field applicators
6	20-25 HP Electric submersible digester cleaning pumps
10	10HP Electric submersible pumps
3	3,750 gallon tractor pulled field applicators
3	Backhoes
8	Portable cake conveyors
8	Farm Tractors 125 – 200 HP
4	PTO driven 30 - 40 foot long lagoon pump
2	Detachable equipment trailers and power units
2	Dump trucks
2	10 to 12 cubic yard dewatered cake spreaders
3	Dry prime pumps
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1	10,000 gallon cap equalization tank
4	Inline grinders
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2	Jetter units – truck mounted
2	Polaris off road CCTV vehicles
2	CCTV vans



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- Metropolitan Environmental Services, Inc.
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- National Plant Services, Inc.

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- *Highly trained and experienced crews remove accumulated sludge, sediment or oily wastes from virtually any location.*



We use the most advanced shallow draft dredging equipment to remove accumulated solids to a depth of 32 feet. Each of these units is GPS equipped, completely portable and operates with minimal turbidity to maintain the "on-line" status and ecological characteristics of the waterway or system. Maximum capacities range from 2,000 to 4,600 gallons per minute and disposal can be as far as three miles away. Optimum value can be achieved by combining removal with our dewatering and land application services.

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- *Our sludge dewatering experts can recommend a program to reduce the volume and corresponding costs of transportation and disposal.*
- *Using mobile belt filter presses, recessed chamber presses, and centrifuges, we produce dry sludge cake suitable for disposal by land application or landfilling.*



We specialize in reducing sludge to a fraction of its original volume, shrinking your handling and disposal costs. Our modern dewatering units can be mobilized to your site. Then, once our experienced technicians have removed the sludge from your pond, lagoon, industrial tank, or digester, we dewater the sludge to meet minimum percent total solid requirements for approved disposal. The resulting material can be land-applied or disposed of in a landfill. Sludge stabilization equipment can also be utilized to increase beneficial use and disposal options.



experience make Carylon Companies the management challenges

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- *Site acquisition and permit assistance for beneficial use — lime stabilization, subsurface injection, or surface application.*

- *Professional agronomic support for soil testing and environmental monitoring services.*

- *Complete programs on any scale to transport and land-apply liquid or dry biosolids.*

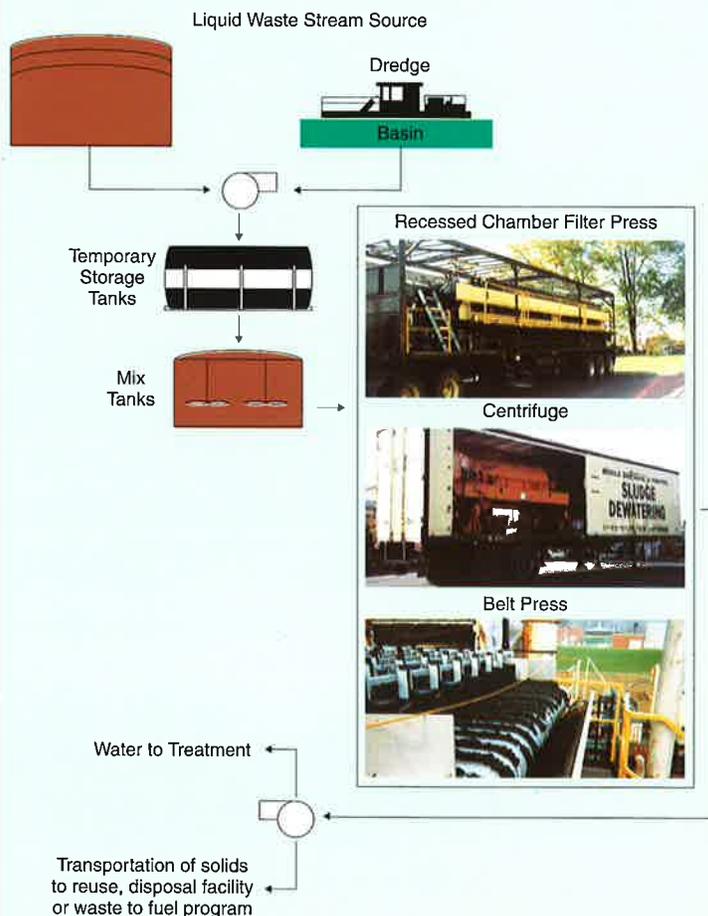
Land application of biosolids has become the most cost-efficient biosolids management strategy, and we provide the full spectrum of services. Our experts consult with area farmers and county/state authorities to secure suitable land-application sites and obtain all required permits. Routine monitoring by certified agronomists ensures environmental compliance.

On-Site Soil/ Sludge Remediation



Experienced 40 hour OSHA trained heavy equipment operators enable Carylon companies to complete site remediation projects such as lagoon closures/cappings, routine removal of contaminated soils/sludge, and EPA regulated site closures.

Carylon provides comprehensive waste handling and processing solutions





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Mobile Dredging & Pumping Co.
Chester (Philadelphia), PA
1-800-635-9689

National Plant Services, Inc.
Long Beach, CA
1-800-445-3614



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