

SECTION 00300 – PROPOSAL

TO THE MAYOR AND COMMISSIONERS  
CITY OF HOLLYWOOD, FLORIDA

SUBMITTED October 16, 2019

Dear Mayor and Commissioners:

The undersigned, as BIDDER, hereby declares that the only person or persons interested in the Proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this Proposal or in the Contract to be entered into; that this Proposal is made without connection with any other person, company or parties making a Bid or Proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The BIDDER further declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Drawings and Specifications for the Work and contractual documents relative thereto, including the Notice to Bidders, Instructions to Bidders, Proposal Bid Form, Form of Bid Bond, Form of Contract and Form of Performance Bond, General, Supplementary and Technical Specifications, Addenda, Drawings, and MBE/WBE Program, Exhibit A-D, and has read all of the Provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed.

The undersigned BIDDER has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other BIDDER of parties to this bid whatever.

If this Proposal is accepted, the undersigned BIDDER proposes and agrees to enter into and execute the Contract with the City of Hollywood, Florida, in the form of Contract specified; of which this Proposal, Instructions to Bidders, General Specifications, Supplementary Conditions and Drawings shall be made a part for the performance of Work described therein; to furnish the necessary bond equal to one hundred (100) percent of the total Contract base bid, the said bond being in the form of a Cash Bond or Surety Bond prepared on the applicable approved bond form furnished by the CITY; to furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the work specified in the Proposal and Contract and called for in the Drawings and in the manner specified; to commence Work on the effective date established in the "Notice to Proceed" from the ENGINEER; and to substantially complete all Contract Work as per Project Schedule of Section 00800, and stated in the "Notice to Proceed" or pay liquidated damages for each calendar day in excess thereof, or such actual and consequential damages as may result therefrom, and to abide by the MBE/WBE Program.

The BIDDER acknowledges receipt of the following addenda:

No. <u>1</u>	Dated <u>9/24/19</u>
No. <u>2</u>	Dated <u>10/10/19</u>
No. _____	Dated _____

And the undersigned agrees that in case of failure on his part to execute the said Contract and the Bond within ten (10) days after being presented with the prescribed Contract forms, the check or Bid Bond accompanying his bid, and the money payable thereon, shall be paid into the funds of the City of Hollywood, Florida, otherwise, the check or Bid Bond accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a certified check on the

\_\_\_\_\_ Bank of \_\_\_\_\_

or approved Bid Bond for the sum of

\_\_\_\_\_ 10% of Bid Amount \_\_\_\_\_ Dollars (\$) according to the conditions under the Instructions to Bidders and provisions therein.

NOTE: If a Bidder is a corporation, the legal name of the corporation shall be set forth below, together with signature(s) of the officer or officers authorized to sign Contracts on behalf of the corporation and corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth below with the signature(s) of the partner or partners authorized to sign Contracts in behalf of the partnership; and if the Bidder is an individual, his signature shall be placed below; if a partnership, the names of the general partners.

WHEN THE BIDDER IS AN INDIVIDUAL:

\_\_\_\_\_  
(Signature of Individual)

\_\_\_\_\_  
(Printed Name of Individual)

\_\_\_\_\_  
(Address)

\*\*\*\*\*

WHEN THE BIDDER IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME:

\_\_\_\_\_  
(Name of Firm)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Signature of Individual) (SEAL)

\*\*\*\*\*

WHEN THE BIDDER IS A PARTNERSHIP:

\_\_\_\_\_  
(Name of Firm) A Partnership

\_\_\_\_\_  
(Address)

By: \_\_\_\_\_  
(SEAL)  
(Partner)

Name and Address of all Partners:

\_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*

WHEN THE BIDDER IS A JOINT VENTURE:

\_\_\_\_\_  
(Correct Name of Corporation)

By: \_\_\_\_\_  
(SEAL)  
(Address)

\_\_\_\_\_  
(Official Title)


As Joint Venture  
(Corporate Seal)

Organized under the laws of the State of \_\_\_\_\_, and authorized  
by the law to make this bid and perform all Work and furnish materials and equipment  
required under the Contract Documents.

\*\*\*\*\*

WHEN THE BIDDER IS A CORPORATION:

EnviroWaste Services Group, Inc  
\_\_\_\_\_  
(Correct Name of Corporation)

By:   
(SEAL) Julio Fojon

President

(Official Title)

18001 Old Cutler Rd, #554 Palmetto Bay, Fl. 33157

(Address of Corporation)

Organized under the laws of the State of Florida, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFIED COPY OF RESOLUTION OF  
BOARD OF DIRECTORS

EnviroWaste Services Group, Inc

(Name of Corporation)

RESOLVED that Julio Fojon

(Person Authorized to Sign)

President

of EnviroWaste Services Group, Inc

(Title) (Name of Corporation)

be authorized to sign and submit the Bid or Proposal of this corporation for the following project:

CITY OF HOLLYWOOD, FLORIDA

INFLOW/INFILTRATION (I/I) PROGRAM - MANHOLE REPAIRS

PROJECT NO. 19-7101

The foregoing is a true and correct copy of the Resolution adopted by

EnviroWaste Services Group, Inc at a meeting of its Board of  
(Name of Corporation)

Directors held on the 21 day of April, 2017.

By: Eduardo Barba

Title: Corporate Secretary

(SEAL)

The above Resolution MUST BE COMPLETED if the Bidder is a Corporation.

- END OF SECTION -

**SECTION 00301  
PROPOSAL BID FORM**

Project Name: Inflow /Infiltration (I/I) Program - Manhole Repairs

Project No: 19-7101

If the proposal is accepted, the undersigned Bidder agrees to complete all work under this contract within 365 calendar days following the issuance of the Notice to Proceed. Provide a unit price for each line item. All entries on this form must be typed or written in block form in ink.

**BASE BID:**

**CONTRACTOR MUST PROVIDE UNIT PRICE FOR EACH LINE ITEM**

<b>No.</b>	<b>Description</b>	<b>Qty</b>	<b>Units</b>	<b>Unit Price</b>	<b>Total</b>
1	Realign, grout and seal manhole casting (in street)	10	EA	750-	7,500-
2	Realign, grout and seal manhole casting (in rear-yard easement)	10	EA	850-	8,500-
3	Seal visible infiltration through manhole walls, bench and, invert (brick manhole)	10	EA	100-	1,000-
4	Seal visible infiltration through manhole walls, bench and, invert (concrete manhole).	15	EA	100-	1,500-
5	Repair manhole bench and, invert	20	EA	250-	5,000-
6	Replace manhole bench and, invert	50	EA	350-	17,500-
7	Replace standard manhole frame and cover and, install seal.	10	EA	1,000-	10,000-
8	Replace watertight manhole frame and, cover and install seal.	10	EA	1,200-	12,000-
9	Install cementitious manhole liner for precast 4 - feet diameter manhole (in street)	100	V.F.	250-	25,000-
10	Install cementitious manhole liner for precast 4 - feet diameter manhole (in rear-yard easement)	150	V.F.	120-	18,000-
11	Install cementitious manhole liner for brick 4 - feet diameter manhole (in street)	100	V.F.	275-	27,500-
12	Install cementitious manhole liner for brick 4 - feet diameter manhole (in rear-yard easement)	150	V.F.	130-	19,500-
13	Install cementitious manhole liner for precast 5 - feet diameter manhole (in street)	50	V.F.	275-	13,750-
14	Install cementitious manhole liner for brick 5 - feet diameter manhole (in street)	50	V.F.	145-	7,250-
15	Install cementitious manhole liner for precast 6- feet diameter manhole (in street)	50	V.F.	300-	15,000-
16	Install cementitious manhole liner for brick 6 - feet diameter manhole (in street)	50	V.F.	150-	7,500-
17	Manhole Inspection Report	500	EA	25-	12,500-
18	Reinstall tack weld of manhole cover	10	EA	50-	500-
19	Undefined Allowance, cost allowance for work as directed by Engineer and upon authorization by the City of Hollywood Director of Public Utilities due to undefined conditions.	1	L.S.	\$100,000.00	\$100,000.00

**BASE BID TOTAL FOR COMPLETE PROJECT**

100,000.00

**TOTAL BASE BID IN WRITING**

**SUBMITTED BY:**

EnviroWaste Services Group, Inc

**NOTES:**

1. REFER TO SECTION 01025 FOR ADDITIONAL DESCRIPTION OF ITEMS.
2. SUBSTANTIAL COMPLETION SHALL BE AS DEFINED IN THE PROJECT SCHEDULE IN THE SUPPLEMENTARY
3. CLOSEOUT SHALL BE COMPLETED WITH IN 365 DAYS FROM THE " NOTICE TO PROCEED".
4. THE CONTRACT SHALL BE BASED UPON THE SUM OF TOTAL BASE BID
5. WORK ORDERS WILL BE ISSUED AS PROBLEM AREAS ARE IDENTIFIED.

SECTION 00410 - APPROVED BID BOND

(Construction)

STATE OF FLORIDA

KNOW ALL MEN BY THESE PRESENTS:

That we EnviroWaste Services Group, Inc., as Principal, and Aspen American Insurance Company, as Surety, are held and firmly bound unto the City of Hollywood in the sum of Ten Percent of Amount Bid Dollars (\$ 10%) lawful money of the United States, amounting to 10% of the total Bid Price, for the payment of said sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the principal has submitted the accompanying bid, dated September 24, 2019 for

**CITY OF HOLLYWOOD**  
**INFLOW/INFILTRATION (I/I) PROGRAM – MANHOLE REPAIRS**  
**CITY PROJECT NO. 19-7101**

NOW, THEREFORE, if the principal shall not withdraw said bid within 90 days after date of the same and shall within ten days after the prescribed forms are presented to him for signature, enter into a written contract with the CITY, in accordance with the bid as accepted, and give bond with good and sufficient surety or sureties, and provide the necessary Insurance Certificates as may be required for the faithful performance and proper fulfillment of such Contract, then this obligation shall be null and void.

In the event of the withdrawal of said bid within the specified period, or the failure to enter into such contract and give such bond and insurance within the specified time, the principal and the surety shall pay to the City of Hollywood the difference between the amount specified in said bid and such larger amount for which the City of Hollywood may in good faith contract with another party to perform the work and/or supply the materials covered by said bid.

IN WITNESS WHEREOF, the above bound parties have executed this statement under their several seals this \_\_\_\_\_ 24th \_\_\_\_\_ day of \_\_\_\_\_ September \_\_\_\_\_, 20 19, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WHEN THE PRINCIPAL IS AN INDIVIDUAL:

Signed, sealed and delivered in the presence of:

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Signature of Individual

\_\_\_\_\_  
Address

\_\_\_\_\_  
Printed Name of Individual

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Address

WHEN THE PRINCIPAL IS A CORPORATION:

Attest:



Secretary

EnviroWaste Services Group, Inc.

Name of Corporation

18001 Old Cutler Road, Suite 554

Business Address

Palmetto Bay, FL 33157

By:



(Affix Corporate Seal)

Julio Fojon

Printed Name

President

Official Title

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Eduardo Barba, certify that I am the secretary of the Corporation named as Principal in the attached bond; that Julio Fojon who signed the said bond on behalf of the Principal, was then President of said Corporation; that I know his signature, and his signature thereto is genuine and that said bond was duly signed, sealed and attested for and on behalf of said Corporation by authority of its governing body.


 (SEAL)

Secretary



TO BE EXECUTED BY CORPORATE SURETY:

Attest:

  
\_\_\_\_\_  
Secretary  
Sarah Belcastro

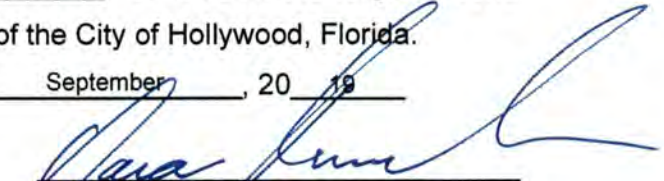
Aspen American Insurance Company  
\_\_\_\_\_  
Corporate Surety  
175 Capital Blvd, Suite 300  
\_\_\_\_\_  
Business Address  
Rocky Hill, CT 06067  
\_\_\_\_\_

BY:   
\_\_\_\_\_  
(Affix Corporate Seal)

Stephen A. Vann  
\_\_\_\_\_  
Attorney-in-Fact  
Lockton Companies, LLC  
\_\_\_\_\_  
Name of Local Agency  
3280 Peachtree Rd, NE Ste. 250  
\_\_\_\_\_  
Business Address  
Atlanta, GA 30305  
\_\_\_\_\_

STATE OF ~~FLORIDA~~ Georgia

Before me, a Notary Public, duly commissioned, qualified and acting, personally appeared, \_\_\_\_\_  
Stephen A. Vann to me well known, who being by me first duly sworn upon oath  
says that he is the attorney-in-fact for the \_\_\_\_\_ Aspen American Insurance Company and  
that he has been authorized by Aspen American Insurance Company to execute the forgoing bond  
on behalf of the CONTRACTOR named therein in favor of the City of Hollywood, Florida.  
Subscribed and sworn to before me this 24th day of September, 2019

  
\_\_\_\_\_  
Notary Public, State of ~~Florida~~ Georgia  
Oana Dimulescu

My Commission Expires: 06/20/2023

- END OF SECTION -



Aspen American Insurance Company  
175 Capital Boulevard, Rocky Hill, CT 06067

## POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, THAT Aspen American Insurance Company, a corporation duly organized under the laws of the State of Texas, and having its principal offices in Rocky Hill, Connecticut, (hereinafter the "Company") does hereby make, constitute and appoint: Stephen A. Vann, Sarah C. Belcastro of Lockton Companies, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge on behalf of the Company, at any place within the United States, the following instrument(s) by his/her sole signature and act: any and all bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto, and to bind the Company thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Company. All acts of said Attorney(s)-in-Fact done pursuant to the authority herein given are hereby ratified and confirmed. This appointment is made under and by authority of the following Resolutions of the Board of Directors of said Company effective on April 7, 2011, which Resolutions are now in full force and effect;

**VOTED:** All Executive Officers of the Company (including the President, any Executive, Senior or Assistant Vice President, any Vice President, any Treasurer, Assistant Treasurer, or Secretary or Assistant Secretary) may appoint Attorneys-in-Fact to act for and on behalf of the Company to sign with the Company's name and seal with the Company's seal, bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said Executive Officers at any time may remove any such appointee and revoke the power given him or her.

**VOTED:** The foregoing authority for certain classes of officers of the Company to appoint Attorneys-in-Fact by virtue of a Power of Attorney to sign and seal bonds, recognizances, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, as well as to revoke any such Power of Attorney, is hereby granted specifically to the following individual officers of Aspen Specialty Insurance Management, Inc.:

Michael Toppi, Executive Vice President, Scott Sadowsky, Senior Vice President, Kevin W. Gillen, Senior Vice President, Mathew Raino, Senior Vice President, and Ryan Field, Senior Vice President.

This Power of Attorney may be signed and sealed by facsimile (mechanical or printed) under and by authority of the following Resolution voted by the Boards of Directors of Aspen American Insurance Company, which Resolution is now in full force and effect:

**VOTED:** That the signature of any of the Officers identified by title or specifically named above may be affixed by facsimile to any Power of Attorney for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any and all consents incident thereto, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company. Any such power so executed and certified by such facsimile signature and/or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking so executed.

IN WITNESS WHEREOF, Aspen American Insurance Company has caused this instrument to be signed and its corporate seal to be hereto affixed this 7th Day of March, 2019.

STATE OF CONNECTICUT

SS. ROCKY HILL

COUNTY OF HARTFORD

Aspen American Insurance Company

Kevin W. Gillen Senior Vice President

On this 7th day of March, 2019 before me personally came Kevin W. Gillen to me known, who being by me duly sworn, did depose and say; that he/she is Senior Vice President, of Aspen American Insurance Company, the Company described in and which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the Company by authority of his/her office under the above Resolutions thereof.

Notary Public  
My commission expires: May 31, 2021

**Patricia C. Taber**  
**Notary Public**  
**State of Connecticut**  
**My Commission Expires May 31, 2021**

### CERTIFICATE

I, the undersigned, Kevin W. Gillen of Aspen American Insurance Company, a stock corporation of the State of Texas, do hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the Boards of Directors, as set forth above, are now and remain in full force and effect.

Given under my hand and seal of said Company, in Rocky Hill, Connecticut, this 24<sup>th</sup> day of SEPTEMBER, 2019

By:

Name: Kevin W. Gillen Senior Vice President



\* For verification of the authenticity of the Power of Attorney you may call (860) 760-7728 or email: Patricia.Taber@aspen-insurance.com



SECTION 00420

INFORMATION REQUIRED FROM BIDDERS

GENERAL INFORMATION

The Bidder shall furnish the following information. Failure to comply with this requirement may cause its rejection. Additional sheets shall be attached as required.

1. Contractor's Name/Address: EnviroWaste Services Group, Inc  
18001 Old Cutler Rd, #554  
Palmetto Bay, Fl. 33157
2. Contractor's Telephone Number: 305-637-9665  
and e-mail address: info@ewsg.com@ewsg.com
3. Contractor's License (attach copy): CGC1520877  
Primary Classification: General Contractor  
Broward County License Number (attach copy): N/A
4. Number of years as a Contractor in construction work of the type involved in this Contract: 21
5. List the names and titles of all officers of Contractor's firm:  
Julio Fojon, President  
Paul Quentel, CEO  
Melissa Linton, CFO  
Eduardo Barba , Corporate Secretary
6. Name of person who inspected site or proposed work for your firm:  
Name: Mike Garcia  
Date of Inspection: September 18, 2019

7. What is the last project of this nature you have completed?

City of Sunrise

8. Have you ever failed to complete work awarded to you; if so, where and why?

No

9. Name three individuals or corporations for which you have performed work and to which you refer:

Mike Alvarez, malvarez@balharbourfl.gov

Gio Batista, gbatista@sunrisefl.gov

Jose Polanco, jpolanco@hollywoodfl.org

10. List the following information concerning all contracts on hand as of the date of submission of this proposal (in case of co-venture, list the information for all co-ventures).

Name of Project	City	Total Contract Value	Contracted Date of Completion	% Completion to Date
See attached list				

(Continue list on inset sheet, if necessary)

11. What equipment do you own that is available for the work?

See attached list

12. What equipment will you purchase for the proposed work?

None

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**NOTE:**

If requested by CITY, the Bidder shall furnish a notarized financial statement, references and other information, sufficiently comprehensive to permit an appraisal of its current financial condition.

### LIST OF SUBCONTRACTORS

The Bidder shall list below the name and address of each Subcontractor who will perform work under this Contract in excess of one-half percent of the total bid price, and shall also list the portion of the work which will be done by such Subcontractor. After the opening of Proposals, changes or substitutions will be allowed with written approval of the City of Hollywood. Subcontractors must be properly licensed and hold a valid Hollywood Certificate of Competency.

	<b>Work to be Performed</b>	<b>Subcontractor's Name / Address</b>
1.	<hr/> None required, 100% self perform <hr/>	<hr/> <hr/>
2.	<hr/> <hr/>	<hr/> <hr/>
3.	<hr/> <hr/>	<hr/> <hr/>
4.	<hr/> <hr/>	<hr/> <hr/>
5.	<hr/> <hr/>	<hr/> <hr/>
6.	<hr/> <hr/>	<hr/> <hr/>
7.	<hr/> <hr/>	<hr/> <hr/>
8.	<hr/> <hr/>	<hr/> <hr/>
9.	<hr/> <hr/>	<hr/> <hr/>
10.	<hr/> <hr/>	<hr/> <hr/>

NOTE: Attach additional sheets if required.

- END OF SECTION -

## SECTION 00435

### LOCAL PREFERENCE (EXHIBIT "A")

Pursuant to §38.50 of the City of Hollywood Code of Ordinances, the City shall grant a preference to local Hollywood vendors if their initial bid is within 5% of the bid of the lowest responsive responsible bidder that is a non-local Hollywood vendor. The preference shall allow the local Hollywood vendor to submit a second and final offer, which must be at least 1% less than the bid of the lowest responsive responsible non-local Hollywood vendor to be awarded. The local Hollywood vendor shall have the burden of demonstrating that it maintains a permanent place of business with full-time employees within the City limits and has done so for a minimum of one (1) year prior to the date of issuance of a bid or proposal solicitation within Hollywood, Florida. All supporting documentation (e.g. City of Hollywood valid local business tax receipt) for local preference eligibility must be received with the bid package prior to the bid opening date and time.

SECTION 00495

TRENCH SAFETY FORM

This form must be completed and signed by the Bidder.

Failure to complete this form may result in the bid being declared non-responsive.

Bidder acknowledges that the Florida Trench Safety Act, Section 553.60 et. seq., which became effective October 1, 1990, shall be in effect during the period of construction of the project. The Bidder by signing and submitting the bid is, in writing, assuring that it will perform any trench excavation in accordance with applicable trench safety standards. The Bidder further identifies the following separate item of cost of compliance with the applicable trench safety standards as well as the method of compliance:

Method of Compliance

Cost

Shoring and/or sloping

Total \$ \$2,000.00

Bidder acknowledges that this cost is included in the applicable items of the Proposal and in the Grand Total Bid Price. Failure to complete the above will result in the bid being declared non-responsive.


The Bidder is, and the Owner and Engineer are not, responsible to review or assess Bidder's safety precautions, programs or costs, or the means, methods, techniques or technique adequacy, reasonableness of cost, sequences or procedures of any safety precaution, program or cost, including but not limited to, compliance with any and all requirements of Florida Statute Section 553.60 et. seq. cited as the "Trench Safety Act". Bidder is, and the owner and Engineer are not, responsible to determine if any safety related standards apply to the project, including but not limited to, the "Trench Safety Act".

  
Witness Signature

Eduardo Barba  
Witness Printed Name

18001 Old Cutler Rd, #554  
Witness Address

10/15/19  
Date

  
Contractor's Signature

Julio Fojon  
Printed Name

President  
Title

10/15/19  
Date

- END OF SECTION -





## Summary of Qualifications

### EnviroWaste Services Group

EWSG is one of the industry leaders in the maintenance, inspection and repair of storm and sanitary systems throughout the Southeastern United States. EnviroWaste has one of the largest private fleets in the region dedicated to meeting its customers' needs for over 20 years. EWSG's fleet of Vactors, Vac-Cons, industrial cleaners, pump trucks, and TV inspection trucks ensure its customers the technology necessary to meet their maintenance and emergency requirements. EnviroWaste has been contracted by municipalities at the local, state and federal levels in multiple states throughout the years. The years of experience have positioned EWSG to work in conjunction with its customers to establish the most appropriate game plan to achieve their respective goals.

### Sewer Services



EnviroWaste Services Group Inc., specializes in the cleaning of storm-water drainage systems and sanitary sewers. EWSG provides any services related to storm and sanitary sewers for private clients, commercial industries, municipalities, DOT, government agencies, and more!

- \* Pressure Test, Smoke Test, and Pre and Post Video PACP Inspections
- \* Storm and Sanitary Systems Inspection and Cleaning Services
- \* Two in House Certified NASSCO PACP/MACP/LACP Trainers
- \* Full Horizontal Construction Division Specializing in Sidewalks, C&G, Paving
- \* Full Line or Point Repair Sanitary and Storm Sewers
- \* Drainage Installation up to 80" Diameter
- \* Lateral Service Line Inspections, Installations, and Lining
- \* Repair of Lines using Sealing, Grouting, and Sectionals Liners
- \* Full Line CIPP Lining 6"-72"

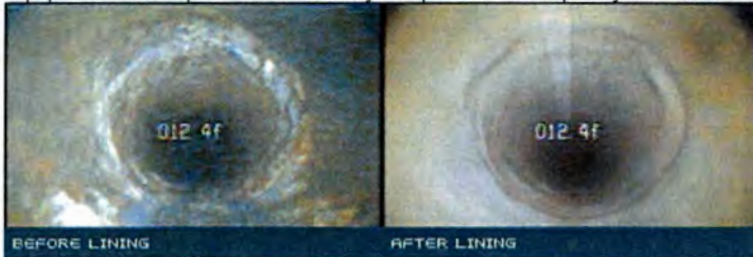
A new drainage system is designed to drain in a matter of minutes. It is recommended that regular maintenance is performed on your drainage system at least once a year to ensure proper water flow. Without appropriate care, leaves, sediment, and trash accumulate, pipes corrode, tree roots perforate the pipes, cracks appear in the system,

**Headquarters: 18001 Old Cutler Road, #554, Miami, FL 33157 \* (877) 637-9665 \* F (877) 637-9659**  
**Offices: Miami, FL \* Orlando, FL \* Tampa, FL**  
**[www.EWSG.com](http://www.EWSG.com) \* email: [info@ewsg.com](mailto:info@ewsg.com)**

# ENVIRO

WASTE SERVICES GROUP

and oil and tire particles from cars build up sludge. These factors cause an obstruction of proper drainage and cause pipe performance to deteriorate, thus rendering your drainage system useless. EnviroWaste has the necessary equipment and experience to identify the problem and quickly and efficiently correct it as well.



Honorably Serving the Entire Southeaster United States!

## CCTV Video Inspection

EnviroWaste's CCTV (closed captioned television) inspection uses custom controlled cameras to locate wreckage within the pipes. Our remote-controlled cameras operate on a four-wheel sled and allow the customer to see the exact condition of their drainage system to identify the problem and its severity. EWSG even offers a new technology that provides cured in place lining services which rehabilitates damaged pipes of any diameter without the costly excavation, while keeping disruptions of service to the very minimum.



Roots in Sewer



Headquarters: 18001 Old Cutler Road, #554, Miami, FL 33157 \* (877) 637-9665 \* F (877) 637-9659  
Offices: Miami, FL \* Orlando, FL \* Tampa, FL  
[www.EWSG.com](http://www.EWSG.com) \* email: [info@ewsg.com](mailto:info@ewsg.com)





## Sewer and Drain Cleaning



EnviroWaste Services Group has been providing Florida with sewer and drain cleaning services since 1998. EnviroWaste uses the latest, most advanced storm drain cleaning equipment to serve your maintenance and emergency needs.

EnviroWaste has the Southeastern United State's largest fleet of Jet/Vac trucks are specially designed to restore your system to optimal conditions. Unlike "Septic Tank" trucks, which only suck trash out of the manhole, our superior trucks are specially designed to clean catch basins and lines and come equipped with a jet hose with a high-pressure nozzle to completely clear out the pipe walls and a powerful vacuum to dislodge and remove the debris and blockage to provide maximum water flow. EWSG also provides root cutters to properly remove intrusive roots without using chemicals.

EnviroWaste Services Group Inc., specializes in the cleaning of storm-water drainage systems and sewers. EWSG provides any services related to storm and sanitary sewers for private clients, commercial industries, municipalities, DOT, government agencies, and more!



Before Sewer Cleaning



**Headquarters:** 18001 Old Cutler Road, #554, Miami, FL 33157 \* (877) 637-9665 \* F (877) 637-9659  
**Offices:** Miami, FL \* Orlando, FL \* Tampa, FL  
[www.EWSG.com](http://www.EWSG.com) \* email: [info@ewsg.com](mailto:info@ewsg.com)

## Inflow and Infiltration

### I/I Study

Inflow and infiltration occurs when clean ground water or storm water enters a sewer system through improper connections, cracked pipes, and defective joints.

Inflow is the term used to explain when the surface water enters a sewer system through improper connections of yard, roof, and cellar drains, cracked pipes, holes in manhole covers, catch basins, and cross connections between storm and sanitary sewers.

Infiltration occurs when the ground water enters the wastewater system through deteriorated manholes, cracks, and leaks in the joints.

After a rain or snow storm the inflow and infiltration sources begin filling up the sanitary sewer systems with clear water. These systems eventually become full resulting in the waste water to flow out at a significantly higher water level. If drains and sanitary fixtures are below this overload level water will be able to flow back through the sanitary sewer pipe. As a result, there will be flooding in homes and manholes will burst open, allowing the wastewater onto the streets.

These are the following 3 methods of identifying Inflow and Infiltration:

1. [Smoke Testing](#)
2. [Flow Monitoring](#)
3. [Television Inspection](#)

Flow Monitoring is when special measuring devices are inserted into the sewer lines to monitor the amount of water flowing through the wastewater system.







## Industrial Vacuum Services

In 2019 EWSG acquired Industrial Vacuum Services(IVAC). While adding to EWSG previous experience in industrial vacuum cleaning, EWSG has now also added all of IVAC's experience, equipment, and personnel. EWSG/IVAC now has 6 large industrial vacuum loaders. EWSG specializes in removal of materials, wet or dry, from water and wastewater treatment plants, manufacturing plants, energy plants, construction sites, silos, elevators, quarries, foundries and other industrial sites.

## Sewer Pipeline Repairs/Rehabilitation

A team of highly qualified professionals and technicians are eager to take care of all of your Sewer Pipeline Repair /rehabilitation needs. With hundreds of years of combined experience, our professionals are committed to providing superior services!



We offer 24 Hour Emergency Response, Specializing in Emergency Clean up, Disaster Recovery including Hurricanes and Natural Disasters. **Call 877-637-9665**

## EnviroWaste Services Group

Storm and Sanitary Sewer Maintenance, Inspection, Repair, Rehabilitation and Horizontal Construction throughout the Southeast United States

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