



REQUEST FOR QUOTATION
"AIR CURTAIN BURN OPERATION FOR CHATHAM COUNTY"
QUOTE NUMBER: 16-0089-4

The Number Must Appear On All Quotations and Related Correspondence.

Sealed Quotation must be received NOT LATER THAN 2:00 PM, on OCTOBER 10, 2016 at the office of the Purchasing Director at which time they will be opened and publicly read. Quotes may be faxed, emailed, mailed or hand delivered.

Address Reply To: Robert Marshall , 912-790-1622

Mail to: 1117 Eisenhower Drive Suite C Savannah Georgia 31406

Fax to: 912 -790-1627

Email to: rmarshall@chathamcounty.org

Quotations mailed or hand delivered shall be submitted in a sealed enveloped. Quotes submitted by fax or email will be placed and sealed in an envelope upon receipt.

NAME OF BIDDER: _____

STREET ADDRESS: _____

CITY, STATE, ZIP CODE: _____

PHONE: _____ **FAX:** _____

EMAIL: _____ **FED TAX ID #:** _____

INDICATE MINORITY OWNERSHIP STATUS OF BIDDER (FOR STATISTICAL PURPOSES ONLY):

CHECK ONE:

_____ NON-MINORITY OWNED

_____ AFRICAN AMERICAN

_____ HISPANIC

_____ ASIAN AMERICAN

_____ AMERICAN INDIAN

_____ WOMAN

The undersigned proposes to furnish the following items in strict conformance to the specifications and Request for Quote issued by Chatham County for this quote.

SPECIFICATIONS FOR:

Air Curtain Burn Operation for Chatham County

- Air Curtain Destructor is to be delivered and set up at the Bush Road disposal location which is located at 561 Bush Road in Unincorporated Chatham County. Operation of the curtain has three pieces. One is the curtain itself, and second, is the placement of material in the trench for the curtain. The curtain must be able to accommodate a 30' burn pit. Third is that the contractor stockpiles ash material on site in proximity of the pit for the County to handle.
- Quotes are to include a cost for 1) mobilization/set up of the equipment and 2) an hourly rate of actual operation.
- Contractor shall need to contact the Forestry Service on a daily basis and obtain a burn permit for the operation.
- The length of this contract shall be approximately 60 calendar days. The County does, however, reserve the right to increase that time if necessary.
- Attached to this RFQ is a *Standard of Operation Guide of an Air Curtain Destructor*.

Invoices shall be sent to Chatham County Engineering Department, Attn: Robert Drewry, Director of Public Works, 7226 Varnadoe Drive, Savannah GA 31406

RFQ 16-0089-4 AIR CURTAIN BURN OPERATION FOR CHATHAM COUNTY

QUOTE SHEET

Mobilization / Set Up \$ _____

Hourly Rate for Actual \$ _____ **Per hr.**
Operation

Prices shall be all inclusive.

Please Print Name

Authorization Signature

Company

Address

Phone / Fax No's.

E-mail

Date _____

EXCEPTION SHEET

If the commodity (ies) and/or service proposed in your Bid is in any way different from that contained in this proposal, the Bidder is responsible to clearly identify all such differences in the space below. Otherwise, it will be assumed the Bidders' offer is in the total compliance with all aspects of the proposal.

Below are the only differences between my offer and the proposal.

DATE

SIGNATURE

COMPANY

TITLE

Request for Quotation Instructions

1. All shipments are to be F.O.B. destination. Freight charges must be included in quotation. Delivery shall be made to the address listed on the Purchase Order and within the time specified in the quote.
2. Quotations subject to terms set forth herein, are requested on the following list of materials, supplies or services. On quotes for services, Chatham County insurance requirements must be met. The successful vendor must provide the County with a Certificate of Insurance listing the County as Certificate Holder.
3. **Quote must be submitted on sheets provided in spaces indicated.**
4. Quotes for materials, supplies, vehicles, and/or equipment must be accompanied by Brochures, or copies of detailed factory specifications, ratings, technical data, including accurate descriptions of the exact materials, supplies, vehicles and/or equipment for which bids are made.
5. All information required by request for quotation must be completed to constitute a proper bid.
6. Vendor warrants that the goods are merchantable and as described herein or in the solicitation response. Additional warranties may be called for in the specifications.
7. Chatham County is exempt, by law, from any and all federal and state taxes. Do not include taxes in your quotations. Tax exemption number is **58-6001113**. Exemption certificate will be provided upon request.
8. Price Protection Period of ninety (90) days for all items desired from date of bid opening. Vendors are advised that prices in effect at time of bid shall apply and not be subject to revision at time of shipment.
9. The County reserves the right to split this award by line item if deemed to be in its best interest.
10. Minority/Women Business Enterprise (MWBE) Policy: It is the policy of the County to provide minority and women owned business enterprises with equal opportunity for participating in selling goods and services to the County.
11. **Local Preference:** Bids will be evaluated in accordance with the County's Local Preference ordinance.
12. **Employment Eligibility Verification:** As required under Senate Bill 529 – “Georgia Security and Immigration Compliance Act” of 2006, O.C.G.A. Section 2, Article 3 13-10-91, public employers, their contractors and subcontractors are required to verify the work eligibility of all newly hired employees through an electronic federal work authorization program. The Georgia Department of Labor has added a new Chapter 300-10-1, entitled "Public Employers, Their Contractors and Subcontractors Required to Verify New Employee Work Eligibility Through a Federal Work Authorization Program," to the Rules and Regulations of the State of Georgia. (See website: http://www.dol.state.ga.us/pdf/rules/300_10_1.pdf.) The new rules designate the “Employment Eligibility Verification (EEV) Basic Pilot Program” operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security as the electronic federal work authorization program to be utilized for these purposes. The EEV/Basic Pilot Program can be accessed at: <https://e-verify.uscis.gov/enroll/StartPage.aspx?JS=YES>. Bidders shall comply with this new rule and submit with your bid the attached “Contractor Affidavit and Agreement.”

13. O.C.G.A. § 50-36-1, requires Georgia's cities to comply with the federal **Systematic Alien Verification for Entitlements (SAVE) Program**. SAVE is a federal program used to verify that applicants for certain "public benefits" are legally present in the United States. Contracts with the County are considered "public benefits." Therefore, the bidders are required to provide the Affidavit Verifying Status for Chatham County Benefit Application prior to receiving any County contract. The affidavit is included as part of this bid package.
14. The original invoice is to be submitted to the County Finance Department. The purchase order number must be shown on all invoices and packing lists.
15. References may be requested of the successful bidder. ***THIS IS NOT AN ORDER***

Air Curtain Destructor Operating Guide

The air curtain destructor (ACD) is a forced air pit incinerator, which may be operated at random locations for the purpose of the disposal of waste vegetative debris provided the following requirements are met:

1. All local ordinances and regulations regarding use of an air curtain destructor must be adhered to at all times. This includes checking with the responsible fire department and/or Georgia Forestry office to determine if a fire is authorized.
2. The locations of the ACD must be at least three hundred (300) feet from any occupied structure. This distance may be increased or decreased on a site-specific basis at the discretion of the EPD or increased by the local fire department.
3. No more than one (1) ACD can be operated within a ten (10) acre area at one time and must be under the control of a trained operator at all times during operation.
4. An ACD with an air duct or manifold the original configuration of which has been altered by bends, dents, holes or some other reason(s) cannot pass an even and non-turbulent flow of air across the top of the pit will not knowingly be authorized by EPD.
5. The ACD must be operated in such a manner to prevent air, land or water pollution, safety/health hazards, or nuisances.
6. Only wood wastes consisting of trees, logs, large brush, stumps relatively free of soil may be burned. Leaves, sawdust, other densely packed wood wastes, paper (any type), chemically treated, coated or impregnated wood, or non-wood construction materials CANNOT be burned.
7. Under no circumstances will an ACD operator use tires or other rubber products, plastics, heavy oils or asphalt base or impregnated materials to start or maintain an ACD operation.
8. The amount of dirt/soil on or in the material being burned must be minimized.
9. No smoke emissions exceeding forty (40) percent opacity may be produced during operation except for a reasonable period during ignition and charging of the pit.
10. When the pit is cleared of ash, airborne particulate is to be minimized by wetting or mixing the ashes with dirt.
11. No burning is authorized during the night nor on Sundays or holidays, except in unusual situations.
12. Prevailing winds during operation must be away from the major portion of residential population.
13. No burning when there is fog or rain, and usually for at least one (1) day following the passage of a cold front.
14. During an air pollution episode, such as an air pollution alert/warning/emergency declared by proper authorities, the ACD is not to be operated. An air pollution episode occurs when the air contaminant concentration in an area is great enough to cause danger to public health.

Air Curtain Destructor Operating Procedures

1. Site Location and Preparation

Select a site which will likely have a low water table, can be easily excavated and will be no less than 300 feet from occupied structures.

2. Pit Preparation

Excavate the pit (Figure 2) using either a front-end loader or backhoe. The pit dimensions are 8 feet wide x 12-15 feet deep x 15-30 feet long (the length is dependent upon the length of the ACD manifold). In no case should the 8 feet width be exceeded. The pit must be excavated with at least three (3) vertical sides in soil capable of maintaining vertical walls of 15 feet depth without failure. Additional wall support may be necessary. Caution must be exercised to insure that walls are not undercut during excavations. If a front-end loader is used for the excavation, the end used for travel must be filled in with dirt beginning at the end of the manifold and filling up ramp.

3. Air Curtain Destructor (ACD) Set Up

Using a small berm of soil (1 to 1 ½ feet high) place the Manifold (Plenum and nozzles) such that the manifold is properly supported and the space between the Manifold and ground is sealed (Figures 1 & 2). Rotate the Manifold until the air curtain will be directed at an imaginary horizontal line 24 to 36 inches below the top of the opposite wall. Slide the skid containing the blower and motor into place and connect to Manifold.

4. Ignition Procedures (Refer to Figures 3, 4 and 5)

Load the pit half full with homogeneous mixture of trees, logs and large brush. Douse the wood with ½ gallon of fuel oil putting the majority of the fuel oil on the wood at the front center side of the pit. Ignite the wood at the same point. Allow sufficient time for the fire to take hold before introducing any air from the ACD. As the fire grows in intensity, gradually bring the blower up to optimum speed (generally between 1,100 and 1,400 RPM, depending on the size, type and make of the blower).

CAUTION: Do not use tires or highly volatile solvents such as mineral spirits, gasoline, etc. for ignition.

NOTE: Only wood wastes consisting of trees, logs, large brush and stumps relatively free of soil may be burned. Leaves, sawdust, other densely packed wood wastes, paper (any type), chemically treated, coated or impregnated wood CANNOT be burned.

5. Loading Procedure

Once the fire reaches full intensity, successive intermittent charging may begin.

The intervals between charges may be determined by observing the burning rate. Generally, if the fire is kept at its maximum intensity, it will keep one (1) man, operating a front-end loader or clamshell bucket busy constantly. The charges should be alternated between light and heavy material. The material should be charged toward the rear of the pit under the ACD manifold.

The pit should not be overloaded, that is, the material should not be piled up so high that it will protrude above the air curtain. Also, no materials should extend outside the boundaries of the pit and air curtain where sufficient air is not available from the nozzles.

6. Maintenance and Safety Requirements

Ash removal is required in order to maintain efficient and proper combustion. Ashes should not be allowed to build up in the pit to higher than $\frac{1}{3}$ the pit depth or to the point where they begin to impede combustion and are blown out of the pit, whichever occurs first.

If spalling, "cave off", of the pit walls occurs during operation, a new pit must be constructed and the existing pit filled with soil.

Any accumulation of water in the pit must be removed prior to operation.

For reasons of public safety, a fence or barrier surrounding the combustion pit is recommended.

A "stop guide" or restraint must be provided at the loading side of the pit in order to keep the loader from getting too close to the pit during the charging operation.

Figure 1 - Site Preparation

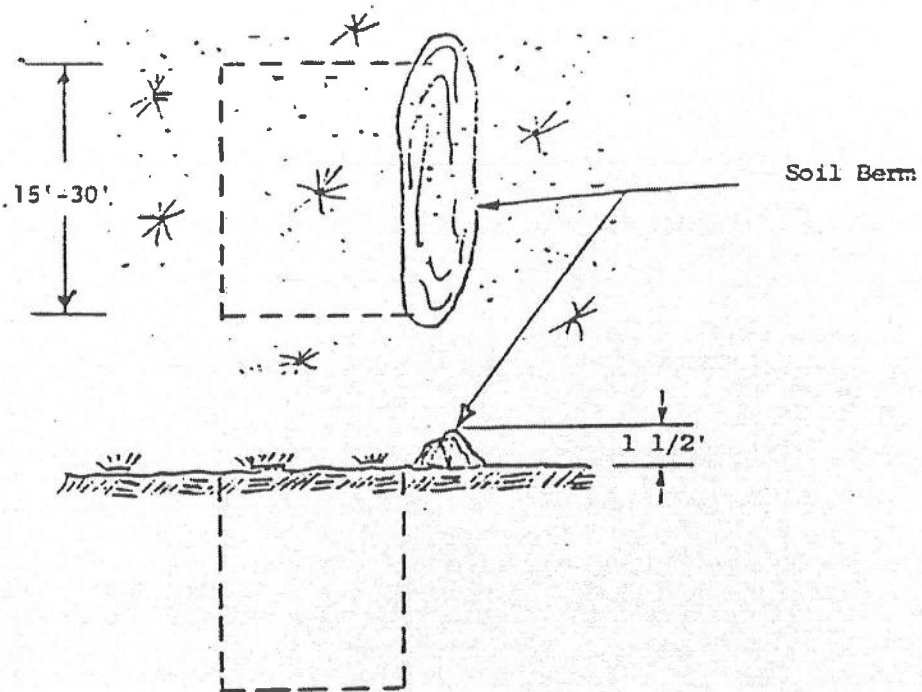


Figure 2 - Air Curtain Destructor (ACD) Set up

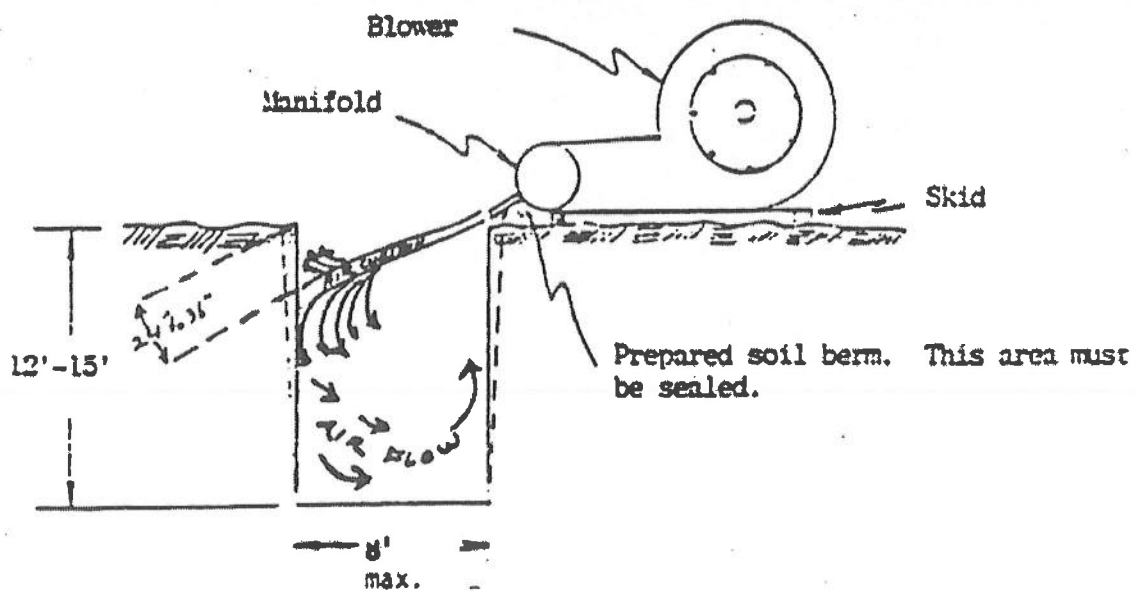


Figure 3 - Cross-section of Pit and ACD

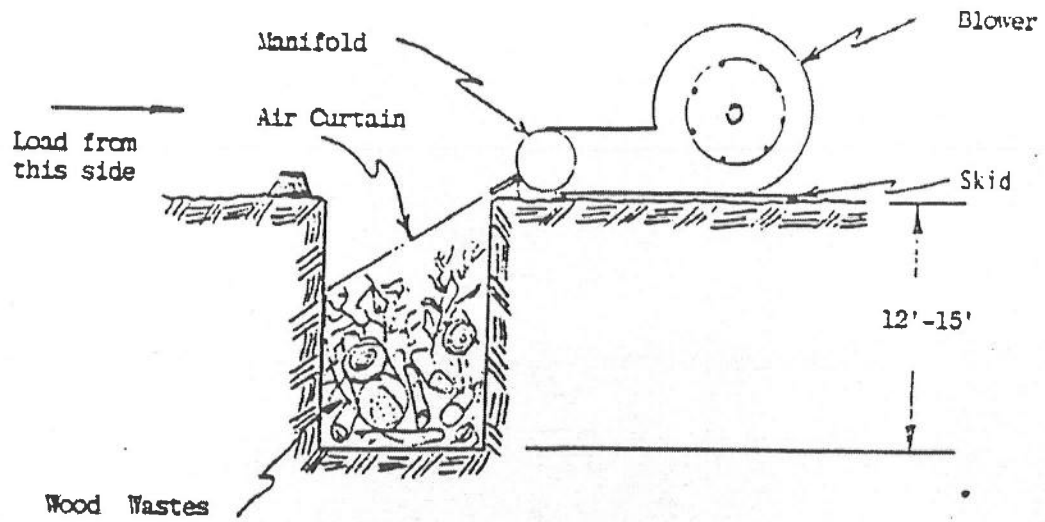


Figure 4 - Profile of Pit and ACD

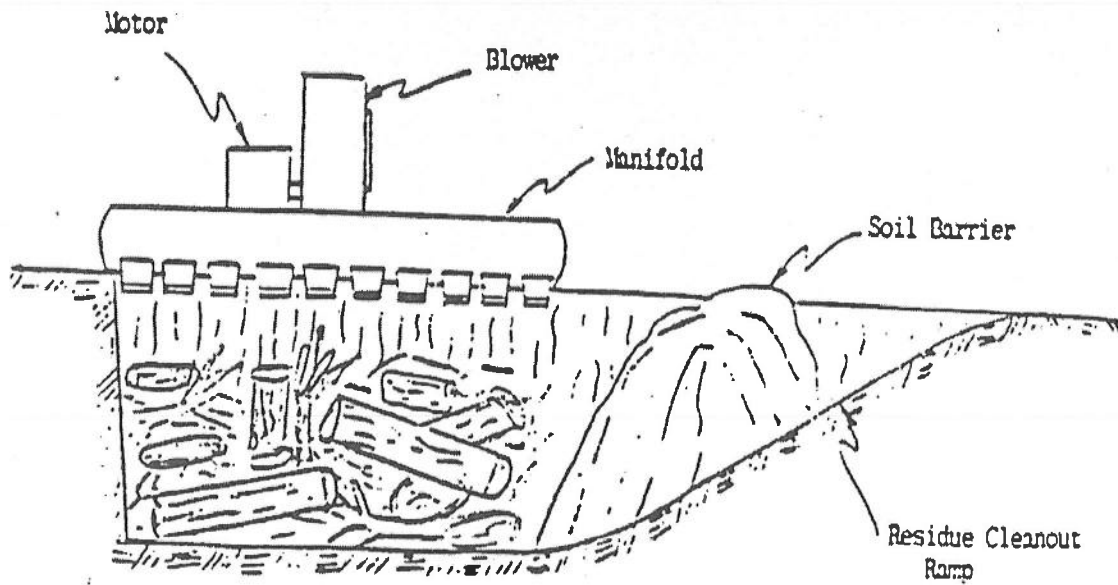
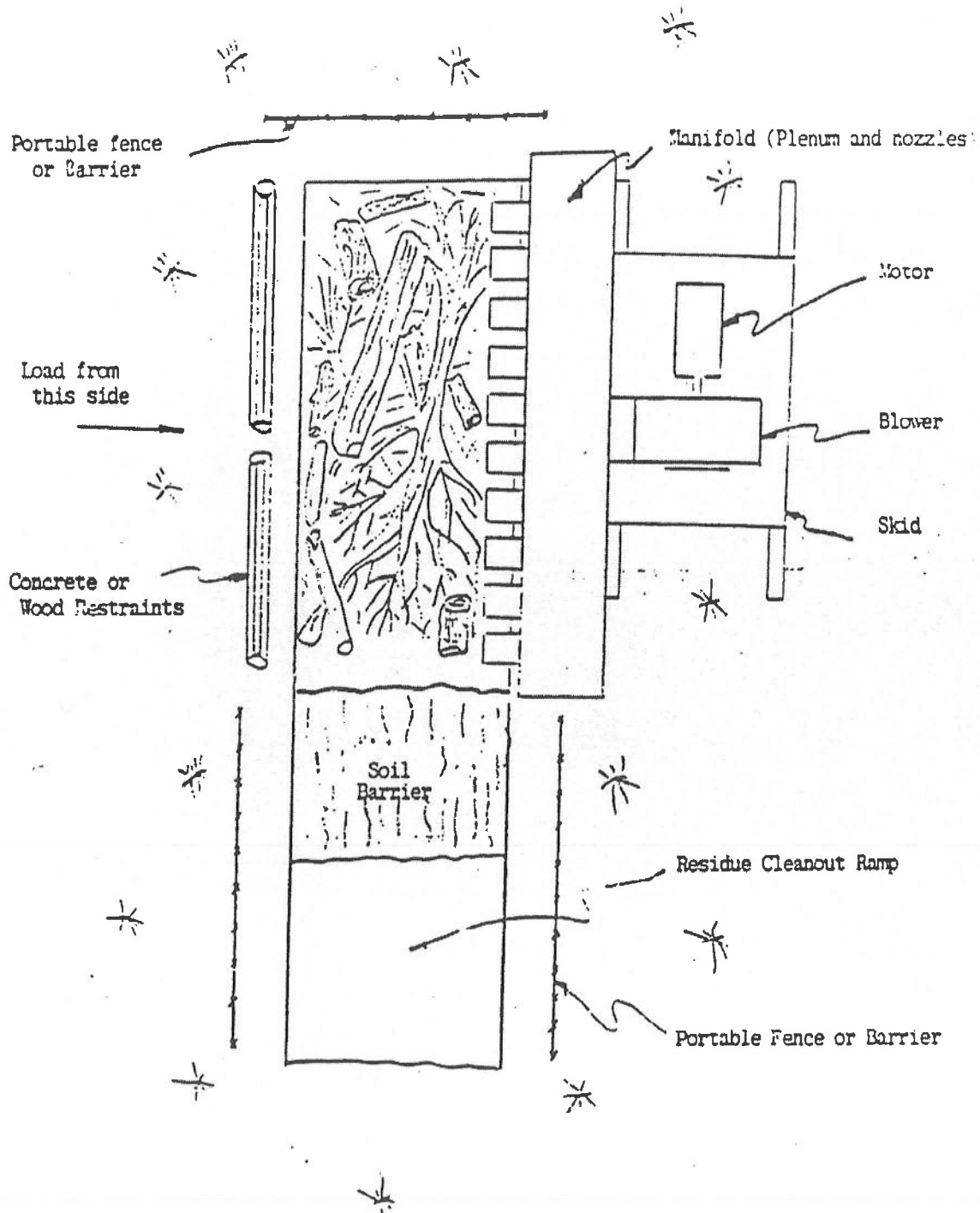


Figure 5 - Plan View of Pit and ACD



DRUG - FREE WORKPLACE CERTIFICATION

THE UNDERSIGNED CERTIFIES THAT THE PROVISIONS OF CODE SECTIONS 50-24-1 THROUGH 50-24-6 OF THE OFFICIAL CODE TO GEORGIA ANNOTATED, RELATED TO THE **DRUG-FREE WORKPLACE**, HAVE BEEN COMPLIED WITH IN FULL. THE UNDERSIGNED FURTHER CERTIFIES THAT:

1. A Drug-Free Workplace will be provided for the employees during the performance of the contract; and
2. Each sub-contractor under the direction of the Contractor shall secure the following written certification:

_____ (CONTRACTOR)
certifies to Chatham County that a Drug-Free Workplace will be provided for the employees during the performance of this contract known as procurement **Air Curtain Burn Operation for Chatham County** (PROJECT) pursuant to paragraph (7) of subsection (B) of Code Section 50-24-3. Also, the undersigned further certifies that he/she will not engage in the unlawful manufacture, sale, distribution, possession, or use of a controlled substance or marijuana during the performance of the contract.

CONTRACTOR

DATE

NOTARY

DATE

PROMISE OF NON-DISCRIMINATION STATEMENT

Know All Men By These Presence, that I (We), _____
Name

_____, _____
Title Name of Bidder

(herein after Company) in consideration of the privilege to bid/or propose on the following
Chatham County project procurement **Air Curtain Burn Operation for Chatham County**
hereby consent, covenant and agree as follows:

- (1) No person shall be excluded from participation in, denied the benefit of or otherwise discriminated against on the basis of race, color, national origin or gender in connection with the bid submitted to Chatham County or the performance of the contract resulting therefrom;
- (2) That it is and shall be the policy of this Company to provide equal opportunity to all business persons seeking to contract or otherwise interested with the Company, including those companies owned and controlled by racial minorities, and women;
- (3) In connection herewith, I (We) acknowledge and warrant that this Company has been made aware of, understands and agrees to take affirmative action to provide minority and women owned companies with the maximum practicable opportunities to do business with this Company on this contract;
- (4) That the promises of non-discrimination as made and set forth herein shall be continuing throughout the duration of this contract with Chatham County;
- (5) That the promises of non-discrimination as made and set forth herein shall be and are hereby deemed to be made a part of and incorporated by reference in the contract which this Company may be awarded;
- (6) That the failure of this Company to satisfactorily discharge any of the promises of non-discrimination as made and set forth above may constitute a material breach of contract entitling the County to declare the contract in default and to exercise appropriate remedies including but not limited to termination of the contract.

Signature

Date

CONTRACTOR AFFIDAVIT under O.C.G.A. § 13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of CHATHAM COUNTY has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ___, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires:

SUBCONTRACTOR AFFIDAVIT under O.C.G.A. § 13-10-91(b)(3)

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with _____ (name of contractor) on behalf of CHATHAM COUNTY has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the subcontractor with the information required by O.C.G.A. § 13-10-91 (b). Additionally, the undersigned subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the contractor within five (5) business days of receipt. If the undersigned subcontractor receives notice of receipt of an affidavit from any sub-subcontractor that has contracted with a sub-subcontractor to forward, within five (5) business days of receipt, a copy of such notice to the contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ___, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires:

Systematic Alien Verification for Entitlements (SAVE)
Affidavit Verifying Status for Chatham County Benefit Application

By executing this affidavit under oath, as an applicant for a Chatham County, Georgia Business License or Occupation Tax Certificate, Alcohol License, Taxi Permit, Contract or other public benefit as reference in O.C.G.A. Section 50-36-1, I am stating the following with respect to my bid for a Chatham County contract for _____. [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1.) _____ I am a citizen of the United States.

OR

2.) _____ I am a legal permanent resident 18 years of age or older.

OR

3.) _____ I am an otherwise qualified alien (8 § USC 1641) or non-immigrant under the Federal Immigration and Nationality Act (8 USC 1101 et seq.) 18 years of age or older and lawfully present in the United States.*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of
Applicant:
Date

Printed Name:

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
____ DAY OF _____, 20____

* _____
Alien Registration number for non-citizens.

Notary Public
My Commission Expires:

LEGAL NOTICE
CC NO. 166
Request for Quote

Formal Quotes will be received until **2:00 P.M.** on **September 28, 2016** and publicly opened in **Chatham County Purchasing & Contracting Department, at The Chatham County Citizens Service Center, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406,** for: **RFQ NO : 16-0089-4 AIR CURTAIN BURN OPERATION FOR CHATHAM COUNTY**

The Request for Quote Package can be downloaded and printed from the County website <http://purchasing.chathamcounty.org> Also, **all firms requesting to do business with Chatham County must also register on-line at** website: <http://purchasing.chathamcounty.org>

For any additional questions regarding this Quote , please contact Robert Marshall, Senior Procurement Specialist, at 912-790-1622.or rmarshall@chathamcounty.org

CHATHAM COUNTY HAS THE AUTHORITY TO REJECT ALL BIDS AND WAIVE MINOR FORMALITIES.

"CHATHAM COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER, M/F/H, ALL BIDDERS ARE TO BE EQUAL OPPORTUNITY EMPLOYERS"

MARGARET H. JOYNER, PURCHASING DIRECTOR

SAVANNAH NEWS/PRESS INSERT: Sep. , 20165
Please send affidavit to:
Chatham County Purchasing & Contracting Department
1117 Eisenhower Drive, Suite C
Savannah, Georgia 31406
(912) 790-1622

LEGAL NOTICE

CC NO. 166601

Request for Quote

Formal Quotes will be received until **2:00 P.M.** on **October 10, 2016** and publicly opened in **Chatham County Purchasing & Contracting Department, at The Chatham County Citizens Service Center, 1117 Eisenhower Drive, Suite C, Savannah, Georgia 31406**, for: **RFQ NO : 16-0089-4 AIR CURTAIN BURN OPERATION FOR CHATHAM COUNTY**

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MARGARET H. JOYNER, PURCHASING DIRECTOR

SAVANNAH NEWS/PRESS INSERT: Oct. 5, 2016

Please send affidavit to:

Chatham County Purchasing & Contracting Department

1117 Eisenhower Drive, Suite C

Savannah, Georgia 31406

(912) 790-1622