

Franklin County Non-exclusive Contract for Debris Removal and Disposal Services

THIS CONTRACT, including Attachment A (Submitted Proposal for Franklin County RFP Debris Removal, dated June 14, 2021), is made this the 7th day of September 2021, by and between **Crowder Gulf** (herein referred to as "**Contractor**") and the **County of Franklin** a political subdivision of the **State of Florida** (herein referred to as "County").

RECITALS

WHEREAS, it is foreseen that it is in the public interest to provide for the expedient removal of qualified storm debris eligible for removal pursuant to law within the unincorporated limits of **Franklin County** during a declared state of emergency and

WHEREAS, the provision of recovery Technical Assistance to the appointed and elected officials resulting from a future storm or manmade event during a declared state of emergency is beneficial to the public; and

WHEREAS, **Franklin County** has in the past suffered the full force and effects of major storms and the resulting destruction brought upon Franklin County by such storms or manmade disasters; and

WHEREAS, the Public Health and Safety of all the citizens will be at serious risk; risk during declared emergencies; and

WHEREAS, the immediate economical and efficient recovery of **Franklin County** and its citizens is a concern and priority during recovery; in a fiscally prudent and publicly responsible manner subject to the public's trust; and

WHEREAS, the availability of experienced prime storm debris contractors may be severely limited; and

WHEREAS, **Crowder Gulf** has the experience, equipment, manpower, permits and licenses to perform all storm related debris services in a fiscally sound and prudent manner; and

WHEREAS, **Franklin County** and **Crowder Gulf** have agreed to the Scope of Services, prices, terms and conditions as set out in this Contract; and

THEREFORE, in considerations acknowledged by both parties, said parties do agree to the following stipulations and conditions.

1.0 Services

1.1 Scope of Contracted Services:

The Contractor shall provide all expertise, personnel, tools, materials, equipment, transportation, supervision and all other services and facilities of any nature necessary to execute, complete and deliver the timely removal and lawful disposal of all **eligible storm-generated debris (herein referred to as "debris")**, including hazardous and industrial waste materials

and within the time specified in this Contract. Emergency push, debris removal and demolition of structures will be limited to: 1) That which is determined to eliminate immediate threats to life, public health, and safety; 2) That which has been determined to eliminate immediate threats of significant damage to improved public property; and 3) That which is considered essential to ensure the economic recovery of the affected community to the benefit of the community at large.

This is a non-exclusive contract. Franklin County has other debris removal contractors. This Agreement does not guarantee the contractor that its services will be utilized during a declared emergency and, if activated, does not guarantee that the contractor will receive any minimum amount of debris to remove. Contractor may be required to work with one or more other debris removal contractors depending upon the extent of debris which accumulates during a declared state of emergency.

These contracted services shall provide for the cost effective and efficient removal and lawful disposal of debris accumulated on all public, residential and commercial properties, streets, roads, other right-of-ways and public-school properties, including any other locally owned facility or site as may be directed by the County. Contracted services will only be performed when requested and as designated by the County. **Contract excludes Cities and non-public properties.**

1.2 Emergency Push / Road Clearance:

The Contractor shall accomplish the cutting, tossing and/or pushing of debris from the primary transportation routes as identified by and directed by the County. This operational aspect of the scope of contracted services shall be for the first 72 hours after an event and will be billed on a time and material basis. Once this task is accomplished, the following additional tasks will begin as required.

1.3 Right-of-Way (ROW) Removal:

The Contractor shall remove all debris from the ROW of the County when directed to do so by the County. The Contractor shall use reasonable care not to damage any County or private property not already damaged by the storm event. Should any property be damaged due to negligence on the part of the Contractor, the County may either bill the Contractor for the damages or withhold funds due to the Contractor.

1.4 Demolition of Structures (if implemented by Franklin County):

The Contractor will remove structures designated for removal by and at the direction of the County. The Contractor agrees to remove in a timely manner all structures as determined by the County as set out in Section 1.1 of this Contract.

1.5 Private Property Waivers: County excludes private property.

1.6 Disaster Recovery Duty Performance:

The Contractor will perform disaster recovery duties to assist appointed officials within the County. This service may include Debris Program assistance as required by the County. This is the concept of complete recovery support where the Contractor would assist a local government applicant on aspects of the recovery process. Contractor personnel cannot assume the sovereign duties and functions of the County officials.

2.0 PERFORMANCE OF SERVICES

2.1 Description of Service:

The Contractor agrees to perform the contracted services in a professional and workmanlike manner and in compliance with all applicable laws, ordinances, rules, regulations and permits. Only the highest quality workmanship will be acceptable. Services, equipment and workmanship not conforming to the Contract documents or meeting the approval of the County may be rejected without costs. Replacements and/or rework, as required, will be accomplished at no additional cost to the County.

2.1.1 Cooperation:

The Contractor agrees that it shall reasonably cooperate with Franklin County's Debris Monitoring service provider as directed by the County.

2.2 Cost of Services:

The Contractor shall bear the costs of performing all contracted services hereunder, as directed by the County, including but not limited to that which is set out in Section 1.0, plus applicable permit and license fees and all maintenance costs required to maintain its vehicles and other equipment in a condition and manner adequate to accomplish and sustain all contracted services as set out in this Contract.

2.3 Matters Related to Performance:

2.3.1 Subcontractor(s):

The Contractor will utilize the service of local subcontractors, where feasible, and shall be responsible for the acts or omissions of its subcontractors to the same extent the Contractor is responsible for the acts and omissions of its employees. The Contractor shall ensure that all its subcontracts have and carry the same major provisions of this Contract and that the work of their subcontractors is subject to said provisions. Nothing contained in this Contract shall create any contractual relationship between any subcontractor and the County. The Contractor shall supply the names and addresses of subcontractors and materials suppliers when requested to do so by the County.

2.3.2 Indemnification:

The Contractor agrees to indemnify, hold harmless and defend the County from and against any and all liabilities, suits, actions, legal proceedings, claims demands, damages, costs and expenses (including reasonable attorney's fees at both the trial and appellate level) rising out of any act or omission of the Contractor, its agents, subcontractors or employees in the performance of this Contract.

2.3.3 Insurance:

The Contractor agrees to keep the following Insurance in full force and effective during the term of this Contract. The Contractor must also name the County, as additional insured, while working within the boundaries of the County.

2.3.4 Worker's Compensation:

- ♦ **As required by law.**

2.3.5 Automobile Liability:

- ♦ **As required by law.**

2.3.6 Comprehensive General Liability:

- ♦ **As required by law-** and shall be in the minimum amount of \$300,000.00 per occurrence. Franklin County shall be named as an additional insured on same policy of insurance.

2.3.7 Insurance Cancellation/ Renewal:

The Contractor will notify the County at least thirty (30) days in advance of cancellation, non-renewal or adverse change to the required insurance. New certificates of insurance are to be provided to the County at least ten (10) days following coverage renewals or changes.

3.0 STANDARDS OF PERFORMANCE

3.1 Contractor Representative:

The Contractor shall have a knowledgeable and responsible Representative report to the County's designated Contract Representative within 24 hours following the activation of this contract. The Contractor's Representative shall have the full and unrestricted authority to implement all actions required to begin the performance of contracted services as set out in this Contract and the Contractor's General Operations Plan.

3.2 Mobilization:

When the written Notice to Proceed has been received by the Contractor and/or the on-site Contractor Representative, he/she will make all necessary arrangements to mobilize a minimum of 50% of the required resources within 24 hours and 100% of the required resources within 72 hours to commence and conduct these contracted services.

3.3 Payment and Performance Bonds:

Contractor shall provide payment and performance bonds 7 – 10 days following activation of contract. A penalty of \$100 per day thereafter shall be imposed for the failure to deliver written evidence of such bonds to the County.

3.4 Time to Complete:

The Contractor shall complete all directed work as set out in Section 1.0 of this Contract within (number of days will be determined once extent of damage has been determined) working days and in accordance with Section 5.8 of this Contract.

3.5 Completion of Work:

The Contractor shall be responsible for removal of all debris up to the point where remaining debris can only be described as storm litter and additional collection can only be accomplished by the use of hand labor or as otherwise determine exclusively by Franklin County.

3.5.1 Extensions (optional):

In as much as this is a "time is of the essence" based Contract; the commencement of contracted services will be as set out in Section 3.2. If the completion of this Contract is delayed by unreasonable actions of the County, then and in such event the time of completion of this Contract shall be extended for such additional time within which to complete the performance of the Contract as is extended by such delay. This Contract may be extended by mutual consent of both the County and the Contractor for reasons of additional time, additional services and/or additional areas of work.

3.6 Term of Contract:

The term of the Contract shall be for two (2) consecutive years, beginning on the date of acceptance by and signatures of the County and Contractor, whichever comes later.

3.7 Contract Renewal:

This Contract may be renewed for one year after a written concurrence of both parties on any negotiated changes to the terms and specifications contained in this Contract. Section 7.0 of this Contract may be reviewed on an annual basis, at which time amended unit costs may be submitted by the Contractor to the County to reflect the current disaster recovery market value of all contracted services in this Contract. Such amendments shall become part of this Contract after both parties sign any such written amendment(s). **The County shall have the right to refuse amendments unilaterally and such refusal shall be final.**

3.8 Contract Termination:

This Contract shall terminate upon 30 days written notice from either party and delivered to the other party, as set out in Section 8.1 of this Contract.

4.0 GENERAL RESPONSIBILITIES

4.1 Other Agreements:

The County may be required to enter into agreements with Federal and/or State agencies for disaster relief. The Contractor shall be bound by the terms and conditions of such agreements.

4.2 County Obligations:

The County shall furnish all information and documents necessary for the commencement of contracted services. **Any written Notice to Proceed received by contractor from the primary point of contact for the County shall be valid.** A representative will be designated by the County to be the primary point of contact for inspecting the work and answering any on site questions prior to and after activation of this Contract via a written Notice to Proceed. The County is responsible for issuing all Public Service Announcements (PSA) to advise citizens and agencies of the available debris services. The Contractor may assist the County with the development of debris-based PSA(s), if requested.

4.3 Conduct of Work:

The Contractor shall be responsible for planning and conducting of all operations in a satisfactory level of workmanship. All work shall be in compliance with all federal, state and local laws, rules and regulations. The Contractor shall exhibit respect for the citizens and their individual private properties. The Contractor shall have and require strict compliance with a written Code of Ethics.

4.4 Supervision:

The Contractor will supervise and/or direct all contracted services. The Contractor is solely responsible for the means, methods, techniques, safety

program and procedures. The Contractor will employ and maintain on the work site a qualified supervisor who shall have full authority to act on behalf of the Contractor and all communications given to the supervisor by the County's Authorized Representative shall be as binding as if given to the Contractor.

4.5 Damages:

The Contractor shall be responsible for conducting operations in such a manner as to cause the minimum damage possible to existing public, private and commercial property and/or infrastructure. Contractor shall also be responsible for any damages due to the negligence of its employees and subcontractors as set out in Sections 1.2 through 1.5 of this Contract.

4.6 Other Contractor(s):

The Contractor shall acknowledge the presence of other contractors involved in disaster response and recovery activities by the federal, state and local government and of any private utility, and shall not interfere with their work.

4.7 Ownership of Debris (optional):

The County will decide at what stage to relinquish ownership of debris, including regulated hazardous waste, to the Contractor for removal and lawful final disposal to its legal final location. The debris will consist of, but not limited to vegetative, construction and demolition, white goods and household solid waste.

4.8 Disposal of Debris:

Unless otherwise directed by the County, the Contractor shall be responsible for determining and executing the method and manner for lawful final disposal of all eligible debris, including regulated household hazardous waste. The primary location of the reduction and disposal site(s) shall be determined. Other sites may be utilized as directed and/or approved by the County.

5.0 GENERAL TERMS AND CONDITIONS

5.1 Geographic Boundary

The geographic boundary for work by the Contractor's crews shall be as directed by the County and will be limited to properties located within the County's legal boundaries.

5.2 Multiple, Scheduled Passes (optional):

The Contractor shall make scheduled passes at the direction of the County. The County shall direct the interval timing of all passes. Sufficient time shall

be permitted between subsequent passes to accommodate reasonable recovery and additional debris placement at the ROW by the citizens and the County.

5.3 Operation of Equipment:

The Contractor shall operate all trucks, trailers and all other equipment in compliance with any/all applicable federal, state and local rules and regulations. ~~Equipment shall be in good working condition. All loading~~ equipment shall be operated from the road, street or ROW using buckets and/or boom and grapple devices to collect and load debris. No equipment shall be allowed behind the curb or outside of the public ROW unless otherwise directed by the County in writing. Should operation of equipment be required outside of the public ROW, the County will provide a Right-of-Entry Agreement, as set out in Section 1.6 of this Contract.

5.4 Certification of Load Carrying Capacity:

The Contractor shall submit to the County a certified report, , in compliance with all federal, state and local laws, rules and regulations, indicating the type of vehicle, make and model, license plate number and/or trailer VIN number, assigned debris hauling number and measured maximum volume, in **cubic yards**, of the load bed of each piece of equipment to be utilized to haul debris.

The measured volume of each piece of equipment shall be calculated from the actual physical measurement performed by the County and Contractor Representative(s). A standard measurement form certifying actual physical measurements of each piece of equipment shall be an attachment to the certified report(s) submitted to the County.

5.5 Vehicle Information:

The maximum load capacity of each hauling vehicle will be rounded to the nearest whole **cubic yard (CY)**. (Decimal values of .1 through .4 will be rounded down and decimal values of .5 through .9 will be rounded up.) The measured maximum load capacity (as adjusted) of any vehicle load bed will be the same as shown on the trailer measurement form and painted on each numbered vehicle or piece of equipment used to haul debris. All vehicles or equipment used for hauling will have and use a Contractor approved tailgate and sideboards will be limited to those that protect the load area of the trailer.

5.6 Security of Debris During Hauling:

The Contractor shall be responsible for the security of debris on/in each vehicle or piece of equipment utilized to haul debris. Prior to leaving the loading site(s), the Contractor shall ensure that each load is secure and trimmed so that no debris extends horizontally beyond the bed of the equipment in any direction. All loose debris shall be reasonably compacted

and secured during transport. As required, the Contractor will survey the primary routes used by the Contractor and recover fallen or blown debris from the roadway(s).

5.7 Traffic Control:

The Contractor shall mitigate impact on local traffic conditions to all extents possible. The Contractor is responsible for establishing and maintaining appropriate traffic control in accordance with the latest Manual of Uniform Traffic Control Devices. The Contractor shall provide sufficient signing, flagging and barricading to ensure the safety of vehicular and pedestrian traffic at all debris removal, reduction and/or disposal site(s).

5.8 Work Days/Hours:

The Contractor may conduct debris removal operations from sunup to sundown, seven days per week. Any mechanical, debris reduction operations or burning operations may be conducted from 24 hours a day, seven days per week. Adjustments to work days and/or work hours shall be as directed by the County following consultation and notification to the Contractor.

5.9 Household Hazardous Wastes:

The Contractor shall set aside and reasonably protect all household hazardous waste encountered during debris removal operations for collection and disposal in accordance with the Contractor's Hazardous and Industrial Materials Cleanup and Disposal Plan. The Contractor will build, operate and maintain a Household Hazardous Waste Storage area until proper disposal of such waste is feasible. The Contractor may use the subcontracting services of a firm specializing in the management and disposal of such materials and waste, if/when directed by the County.

5.10 Stumps:

The Contractor shall, to every extent possible, give priority to utilizing resources within the County. Debris Contract local preferences will include, but not limited to, procurement of services, supplies and equipment, plus awarding service subcontracts and employment to the local work force.

5.11 Utilizing Local Resources:

The Contractor shall, to every extent possible, give priority to utilizing resources within the County. Debris Contract local preferences will include, but not limited to, procurement of services, supplies and equipment, plus awarding service subcontracts and employment to the local work force.

5.12 Work Safety:

The Contractor shall provide and enforce a safe work environment as prescribed in the Occupational Safety and Health Act of 1970, as amended.

The Contractor will provide such safety equipment, training and supervision as may be required by the County and/or Government. The Contractor shall ensure that its subcontracts contain a similar safety provision.

5.13 Inspection and Testing:

All debris shall be subject to adequate inspection by the County or any public authority in accordance with generally accepted standards to ensure compliance with the Contract and applicable federal, state and local laws. The County will, at all times, have access to all work sites and disposal areas. In addition, authorized representatives and agents of the Government shall be permitted to inspect all work, materials, invoices and other relevant records and documentation.

5.14 Other Agencies:

The term "Government" as used in this Contract refers to those governmental agencies, which may have a regulatory or funding interest in this Contract.

6.0 REPORTS, CERTIFICATIONS AND DOCUMENTATION

6.1 Accountable Debris Load Forms: Subject to 7.6.1

The County shall accept the serialized original load ticket produced by the County's monitoring representative as the certified, original source document to account for the measurement and accumulation of the volume of debris delivered and processed at the reduction and/or disposal site(s). The serialized ticketing system will also be used in the event of additional debris handling for volume reduction and/or the possible requirement for a debris transfer station(s). These tickets shall be used as the basis of any electronic generated billing and/or report(s). **The County reserves the right to challenge the Contractor's accounting system,** including any one or more load tickets produced by that system. In the event of a challenge to the accounting system or any one or more load tickets produced by that system, the contractor shall reasonably cooperate by providing, at its expense, such written documentation, electronic information and personnel as are reasonably necessary as determined by the County to determine either the accuracy or inaccuracy of the accounting system or any one or more tickets produced by that system.

6.2 Reports:

The Contractor shall submit periodic, written reports to the County as requested or required, detailing the progress of debris removal and disposal. These reports may include, but not limited to:

6.2.1 Daily Reports:

The daily reports may detail the location where passes for debris removal were conducted, the quantity of debris (by type) removed and disposed and the total number of personnel crews engaged in debris management operations and their hours on the jobs and the number of grinders, chippers and mulching machines in operation. The Contractor will also report damages to private property caused by the debris operation or damage claims made by citizens and such other information as may be required to completely describe the daily conduct of the Contractor's operations. Franklin County reserves the right to expand the scope of the daily reports, if experience in the field indicates that additional information is useful to the County in the performance of this contract.

6.2.2 Weekly Summaries:

A summary of all information contained in the daily reports as set out in Section 6.2.1 of this Contract or in a format required by the County.

6.2.3 Report(s) Delivery:

The scheduling, point of delivery and receiving personnel for the debris operations report(s) will be directed by the County in consultation with the Contractor.

6.2.4 Final Project Closeout:

Upon final inspection and/or closeout of the project by the County, the Contractor shall prepare and submit, including re-preparing and re-submitting as necessary, a detailed description of all debris management activities to include, but not limited to the total volume, by type of debris hauled, reduced and/or disposed, plus the total cost of the project invoiced to the County. If requested, any other additional information as may be necessary to adequately document the conduct of the debris management operations for the County and/or Government.

6.2.5 Additional Supporting Documentation:

The Contractor shall submit sufficient reports and/or documentation for debris loading, hauling, disposal, and load capacity measurements as may be required by the County and/or Government to support requests for debris project reimbursement from external funding sources.

6.2.6 Report Maintenance:

Contractor will be subject to audit by federal, state and local agencies pursuant to this Contract. The Contractor will maintain all reports,

records, debris reporting tickets and contract correspondence for a period of not less than three (3) years.

6.2.7 Contract File Maintenance:

The Contractor will maintain this Contract and the invoices that are generated for the contracted services for a period of five (5) years or the period of standard record retention of the County, whichever is longer.

7.0 UNIT PRICES AND PAYMENTS

7.1 Debris Removal, Processing and Disposal:

In accordance with submitted proposal

7.2 Hourly Equipment, Labor and Materials:

In accordance with submitted proposal

7.3 Stump Conversion Table:

In accordance with submitted proposal

7.4 Billing Cycle:

The Contractor shall invoice the County on a 30 day basis reflecting the close of business on the last working day of the billing period. Serialized debris reporting tickets and disposal site verification of the actual cubic yardage for each load of debris or itemized stumps will support all invoices.

7.5 Payment Responsibility:

The County agrees to accept the Contractor's invoice(s) and supporting documentation as set out in Section 6.3 of this Contract and process said invoices for payment within 15 business days. The County will advise the Contractor within five (5) working days of receiving any debris service invoice that requires additional information for approval to process for payment.

7.6 Ineligible Work:

The Contractor will not be paid for the removal, transportation, storage, reduction and/or disposal of any material or stumps as may be determined by the County and/or Government as ineligible debris unless otherwise authorized.

7.6.1 Debris Eligibility:

Notwithstanding anything to the contrary in this contract, it is understood and agreed that Franklin County's obligations under this

contract shall be limited to, and not exceed, the dollar value of hurricane debris which Franklin County finally determines to be qualified for payment under this contract (Hereinafter "qualified debris"). Franklin County shall only pay the contractor for qualified debris according to the reimbursement rates as determined by standards as provided hereinafter below numbered 1-5. Furthermore, the parties agree that Franklin County's obligation to pay for hurricane debris that Franklin County finally determines does not qualify for reimbursement shall be limited to a maximum of \$10,000.00, regardless of the actual value of such non-qualifying debris. The standards for eligibility as provided herein shall be used by Franklin County in determining eligibility. To the extent there is a conflict between the other terms of this contract and such standards, the standards shall prevail.

For example: \$1,000,000.00 of hurricane debris is removed pursuant to the contract. Of that amount, Franklin County finally determines that \$300,000.00 is not qualified debris and that \$700,000.00 is qualified debris. Franklin County's obligation to pay for hurricane debris removed pursuant to the contract shall be limited to: \$700,000.00, plus \$10,000.00 for the non-qualified debris. Franklin County will have no obligation to pay \$290,000.00 of the hurricane debris which Franklin County finally determines is not qualified.

In order to comply with this stipulation (7.6.1), Contractor will not remove debris until the County and/or FEMA have declared debris eligibility in writing. Load tickets signed by County Monitor or County's representative will be deemed as eligible debris.

The Criteria for debris eligibility follows:

1. It must present an immediate threat to public safety and health, and
2. It must be a direct result of the declared event, and
3. It must originate from a maintained public property; such as a right of way, and
4. It must originate in Franklin County's legal jurisdiction and be Franklin County's legal responsibility at the time of the disaster, and
5. FEMA-322 Public Assistance Guide, and FEMA 325 The FEMA Debris Management Guide, as modified from time to time.

7.6.2 Eligibility Inspections:

The Contractor and County will inspect each load to verify the contents are in accordance with the accepted definition of eligible debris, as set out in Section 1.1 and 7.6.1 of this Contract.

7.6.3 Eligibility Determinations:

If any load is determined to contain material that does not conform to the definition of eligible debris, the load will be ordered to be deposited at another landfill or receiving facility and no payment will be allowed for that load and the Contractor will not invoice the County for such loads.

7.7 Unit Price/Service Negotiations:

Unknown and/or unforeseen events or conditions may require an adjustment to the stated unit prices in Section 7 of this Contract. Any amendments, extensions or changes to the scope of contracted services or unit prices are subject to full negotiation(s) between the County and the Contractor and subject to the review of the Government.

8.0 MISCELLANEOUS

8.1 Notice:

Whenever in this Contract it is necessary to give notice or demand by either party to the other, such notice or demand shall be given in writing and forwarded by certified or registered mail and addressed as follows:

Contractor: **CROWDER GULF**
5435 Business Parkway
Theodore, AL 36582

COUNTY: **FRANKLIN COUNTY, FL**
Emergency Management Office
28 Airport Rd
Apalachicola, FL 32320

The laws of the **State of Florida** shall govern this Contract. Venue shall be in Franklin County, Florida.

8.2 Applicable Law:

The laws of the State of Florida shall govern this Contract. Exclusive venue shall be in Franklin County, Florida, and not in any other place.

8.3 Entire Contract:

This Contract (including any schedules or exhibits attached hereto) constitutes the entire Contract and understanding between the parties with respect to the matters contained herein. This Contract supersedes any prior contracts and/or understandings relating to the subject matter hereof. This Contract may only be modified, amended or extended by a written instrument executed by both parties as per Section 8.1 of this Contract.

8.4 Waiver:

In the event one of the parties waives a default by the other, such a waiver shall not be construed or deemed to be a continuing waiver of any subsequent breach or default of the other provisions of this Contract, by either party.

8.5 Severability:

If any provision of this Contract is deemed or becomes invalid, illegal or unenforceable under the applicable laws or regulations of any jurisdiction, such provision will be deemed amended to the extent necessary to conform to applicable laws or regulations. If it cannot be so amended without materially altering the intention of the parties, it will be stricken and the remainder of this Contract will remain in full force and effect.

IN WITNESS WHEREOF, the **Crowder Gulf** has caused this Contract to be signed in its corporate name by its authorized representative and Franklin County has caused this Contract to be signed in its legal name by persons authorized to execute said Contract as of the day and year first written above on page one.

Crowder Gulf

By: _____

Title:

ATTEST:

County of Franklin, FL

By: Rodney D. Jones

Title: Chairman

ATTEST:



E. PROPOSAL MATRIX

TAB E – PROPOSAL MATRIX

1. Project Management Approach

Standards

CrowderGulf conducts all debris operations to meet or exceed all regulations and program standards of FEMA Public Assistance Program and Policy Guide (incorporating FEMA 325 Debris Management Guide and FEMA 327 Debris Monitoring Guide), the Occupational Safety and Health Administration, the Environmental Protection Agency, and all other local, state and federal agencies.

Responsiveness

CrowderGulf will be in contact with the County's Debris Manager at least 72 hours prior to a hurricane making landfall or immediately upon the occurrence of any debris generating event within Franklin County. Within 24-48 hours of receiving a NTP, CrowderGulf will have our Management team report to the County representative for operations planning and mobilization of personnel and equipment. Mobilization for PUSH operations will begin within 24-48 hours of NTP and we will be fully operational and hauling debris within 48 hours of initial NTP. In addition, we will have a DMS fully operational for reduction and disposal of debris within 72 hours of the NTP. CrowderGulf will maintain full debris hauling operational capacity seven days a week during daylight hours until completion of the project to the satisfaction of Franklin County. The DMS may, if required to meet the needs of the County, operate 24 hours per day.

Reimbursement Assistance

CrowderGulf's debris management staff consists of previous FEMA Regional Directors and Deputy Directors, County and County Emergency Management Directors and emergency operations personnel with over 20± years of experience in working State and Federal Disaster Declarations. CrowderGulf is prepared to share its knowledge and experience concerning reimbursement matters with County personnel in order to obtain maximum reimbursement by utilizing accurate record keeping and exacting quality control measures. Specifically, CrowderGulf will assist with:

- Estimating debris volumes for initial damage assessment
- Developing Project Worksheets/Damage Survey Reports
- Identifying eligible and ineligible reimbursements
- Documenting every element of the recovery process and reviewing all records to assure that they meet federal and state reimbursement guidelines
- Orientating and training Franklin County personnel on requirements for quality and quantity of required documentation
- Closeout and final audit
- Hazard Mitigation Planning efforts
- FEMA Disaster Assistance policy changes

Corporate Support On-Site Operations

Daily operational decisions and daily communications with Franklin County will be facilitated by the CrowderGulf on-site Management team. If needed, one or more field offices will be set up immediately upon NTP. Local citizens will be employed and trained to work in the field office under experienced CrowderGulf management supervision. Local employees are always an asset to the response and recovery operation. Their knowledge of the area and its people is invaluable to CrowderGulf's overall operations. The Team will be fully reinforced at all levels by logistical support, records management/storage, report development and other operations at CrowderGulf's main office in Mobile, Alabama.

On-Site Project Management

CrowderGulf employs National Incident Management Systems (NIMS) principles in our command structure, planning, operations, logistics and administration. This will not only facilitate an easy interface with the County's Emergency Operations Center, but also ensures maximum quality control by limiting the span of supervision for individual field managers.

Pre-Planning - Readiness Planning and Training

On at least an annual basis, CrowderGulf specialists will provide training and pre-planning sessions. In addition, our Debris Reduction specialists will be available to review and advise on potential Debris Management Sites. Preparedness training will be tailored to Franklin County needs and requests.

Audio/Visual Presentations

CrowderGulf has the capability to generate audio and video presentations to help the County communicate necessary information to the public or to document the overall operation as a whole. One of our first tasks is to video all of the existing conditions. This is typically done during the initial damage assessment. Please visit our website to see some of our previous video documents.

**Please view our Website @ www.crowdergulf.com for more information
And watch our Videos Online.**

We Know Disaster Recovery & Debris Management

CrowderGulf has decades of experience providing disaster recovery, debris removal and coastal restoration services throughout United States. CrowderGulf has helped communities and local governments recover from some of the worst disasters to hit the U.S. ranging from natural disasters like powerful hurricanes and tornadoes to the BP Deepwater Horizon Oil Spill and more.

Need to speak to a CrowderGulf representative immediately? Email us at info@crowdergulf.com or call us at 800-992-6207.

Interested in becoming a Subcontractor for CrowderGulf?

Complete our **Subcontractor Registration form** and email it info@crowdergulf.com or fax it to 251-459-7433.

What We Do



2. Debris Operations Plan

The CrowderGulf **Debris Operations Plan** establishes an early appraisal of disaster damage, moves trained and well-equipped crews into affected areas in the shortest time possible and follows a disaster-specific work plan. This ensures that our personnel and equipment will be mobilized and in place to remove and reduce debris in the most efficient and effective manner and with the least possible impact to citizens.

The amount of damage that occurs during a natural disaster and the effort required to restore the affected areas varies with each situation. CrowderGulf's comprehensive **Debris Operations Plan** is a **flexible strategy that integrates Critical Operations and Essential Support Functions** to insure the most efficient and cost effective debris management for Franklin County. These Operations and Functions are identified below and fully defined in the following sections. Each is integral to a comprehensive debris management effort.

Critical Operations *(action items that are set in motion by an event)*

- Mobilization
- Debris Emergency Response
- Debris Recovery Operations
- Documentation and Reimbursement

Essential Support Functions

(support functions for Critical Operations)

- Readiness Support and Training
- Subcontracting
- Quality Control
- Health and Safety
- Environmental Sensitivity
- Public Relations



The **Debris Operations Plan** was developed with only one objective – to assist Clients that have suffered the effects of a disaster return to normal as quickly, as efficiently and as inexpensively as possible. The Plan's components have been the cornerstone of all of CrowderGulf's disaster relief efforts for the past 50 years. When an event is likely to occur, all stakeholders are put on alert and resources are marshaled. Immediately after the event occurs, Mobilization of personnel and equipment resources begins in anticipation of the initial Debris Emergency Response or "PUSH" period. As additional resources flow to the impacted areas, Debris Recovery Operations – the most demanding phase - is initiated. This is the phase in which CrowderGulf delivers what it has promised and makes certain that debris is removed and reduced as quickly and as efficiently as possible. Throughout the operation, the Documentation of all work must be completely and accurately documented in order for Reimbursement to occur.

The four Critical Operations described here - **Mobilization, Debris Emergency Response, Debris Recovery Operations and Documentation and Reimbursement** - form the central core of the CrowderGulf Debris Operations plan. These elements are supported and enabled by six Essential Support Functions. Although not as visible during the debris management process, each support function - **Readiness Support and Training, Subcontracting, Quality Control, Health and Safety, Environmental Sensitivity, and Public Relations**, - is fundamentally important to CrowderGulf being able to provide a successful debris management effort. All of these elements are discussed briefly in the following sections.

CRITICAL OPERATIONS

➤ Mobilization

Alert and Team Notifications

If there is advanced notice (i.e., a hurricane), this phase will commence as soon as a disaster appears to be a credible threat to Franklin County. The CrowderGulf call-down list will be checked to verify accuracy. Field Project Managers and Field Supervisors will be advised to check e-mail and voice mail at least twice a day, and additional communication devices and cell phones may be distributed to key personnel.

The CrowderGulf Director of Operations will assess the information received from the National Weather Service and in consultation with Franklin County's Debris Manager will determine the necessity for a full notification action. If it is determined that notification is needed, he will direct activation of the CrowderGulf Calling Plan with stand by instructions for individual contractors/subcontractors to be notified.

Preparation

Based on the high probability of a known event, the Director of Operations (DO) will direct initial preparation of manpower and equipment. He will inform all responding personnel as to situation status, departure, tasking and assets to mobilize. The Director of Operations will manage the commencement of mobilization, the tasking of the support units, and the dispatch of managers, crews and equipment.



Mobilization of Resources

CrowderGulf shall contact the County's Debris Manager a minimum of 96 hours prior to a hurricane event or immediately upon the occurrence of a major disaster or debris generating event in which there is no advance warning.

Mobilization will take place immediately upon receipt of a NTP and in accordance with requirements as defined by the County's Debris Manager. Within 24-48 hours of receiving the NTP, CrowderGulf management team will be working on site with the County and its Debris Manager to begin planning the required mobilization and operations for debris removal. Debris removal from streets and roads ("PUSH") shall begin within 12 hours of receipt of the NTP and reduction and disposal operations shall be in full operation within 48-72 hours.

The severity of the disaster will determine how many employees and/or subcontractors will be assigned to a specific disaster event. Depending on the scope of the disaster, CrowderGulf will use a combination of company crews and subcontractors to perform work. We will begin with CrowderGulf personnel and proceed to add additional manpower and subcontractors until we have a sufficient workforce in place to effectively manage and handle the disaster recovery effort. Specific management personnel that will be assigned to this contract are provided in later sections of this proposal.



Staffing the Emergency Operations Center

CrowderGulf will commit a senior employee to be stationed in the County's Emergency Operations Center to coordinate plans for debris operations, communications and scheduling with the County's Emergency Management personnel. If requested by the County, this senior management representative will be on site in the Emergency Operations Center prior to storm landfall.

Staging of Resources

When a disaster is imminent, we will review the need for staging equipment within 100-150 miles from the potential area of impact. Local equipment and resources will be secured in safe locations and readied for mobilization. As soon as the storm passes the area and a Task Order (TO) issued, equipment and manpower will be staged at a convenient location near the truck certification area for the County.

Very early in the mobilization process, CrowderGulf will obtain a large hard surfaced parking area which will be used as a staging area to begin truck and equipment certification and safety inspections. These important steps must take place in advance of moving debris on a unit price payment basis.

The staging area becomes the initial reporting location for all subcontractors. Subcontractors employed under pre-event subcontracts, subcontractors and individuals seeking work, and potential suppliers and vendors, will be directed to this central point. If necessary, we will position a Mobile Emergency Response Command Center Unit at this location to facilitate operations. Additionally, if temporary fueling and shelter facilities are required, they will be positioned at this location, if possible.

Communications/Mobile Command Center

Should disaster conditions warrant the need, CrowderGulf may establish a self-sufficient Mobile Command Center, with full communications **capability**, in the disaster area and dedicate it solely to the recovery effort. If needed or requested, our Command Center will be provided to the County to serve in the field as its command unit.

The Command Center, or field office/s, will be set up within 24-48 hours after activation. Local citizens will be employed and trained to work in the field office under experienced CrowderGulf management supervision. Local employees are always an asset to the response and recovery operation. Their knowledge of the area and its people is invaluable to CrowderGulf's overall operations.

Each Command Center has two gas powered generators that supply power for the following:

- Multiple work stations with LCD computer/TV monitors, with copier/fax/scanner capability
- A conference room with a large table and a 42" plasma monitor/TV
- Two satellite TV receivers
- VSAT for broadband internet and VoIP lines



CrowderGulf's management team, all supervisory personnel, and crew foremen will use company radios, digital radio/telephones, and/or cellular phones. All drivers and subcontractor supervisory personnel will be required to have radios and/or telephones in their vehicles. Upon request, we will furnish key County personnel with our system radios.

Operational Support

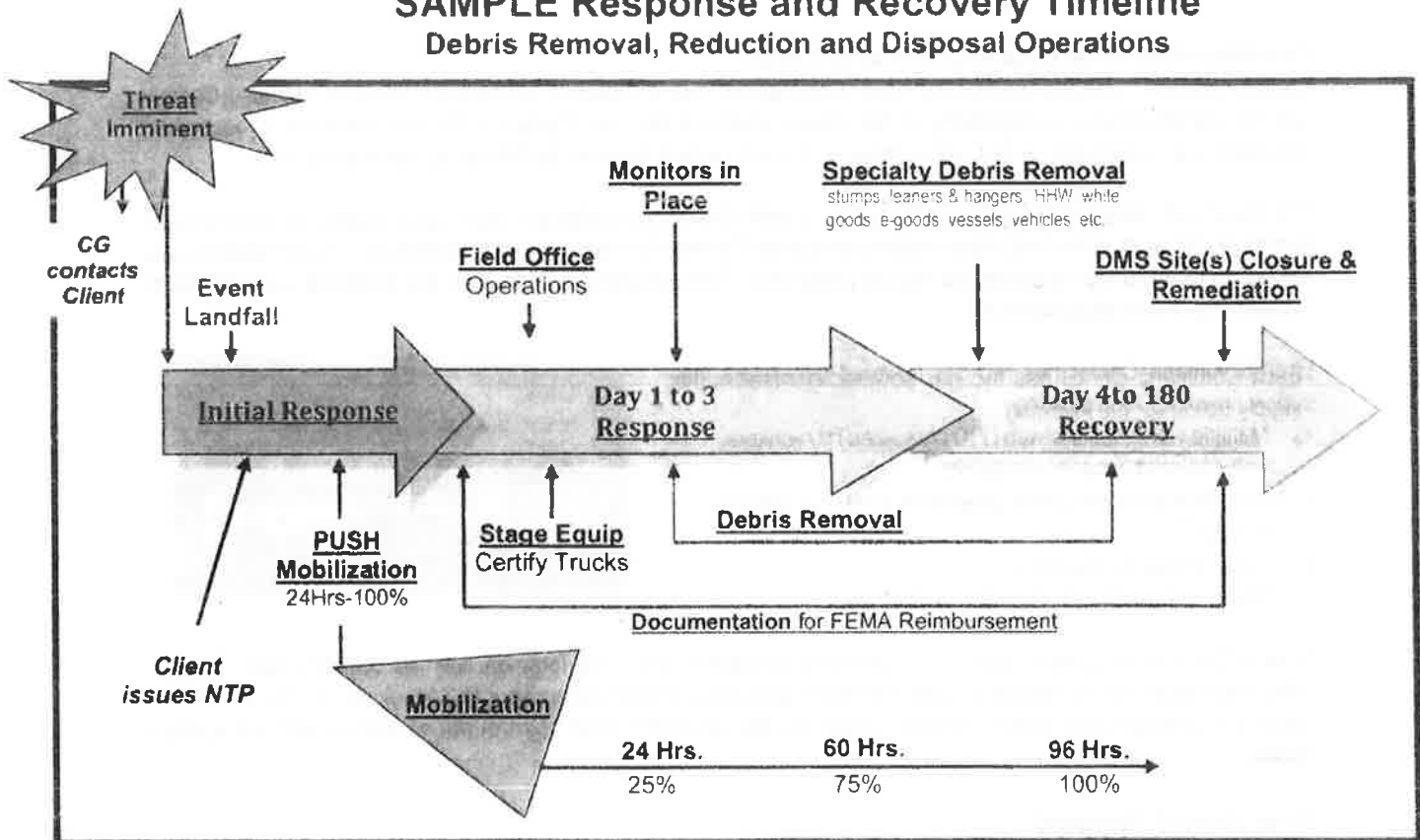
CrowderGulf's main office will serve as headquarters for "back-office" operational support and documentation center. Throughout the project, this office will support field operations on all levels and maintain backup files and records for reimbursement.

Sample Mobilization Parameters

Below are CrowderGulf's anticipated mobilization timelines for debris removal work. CrowderGulf has never failed to meet the end timelines for completing all projects and remain committed to meeting all timelines.

- Contacting the County's Emergency Operations Manager 48-72 hours prior to a predicted disaster event
- Providing an advance CrowderGulf representative to the County's Emergency Operations Center 24-48 hours prior to a predicted disaster event or upon receiving notification of pending activation, if requested.
- Staging personnel and equipment in close proximity to the County to provide rapid deployment after the storm, while protecting those assets from damage/destruction by the event.
- Mobilizing resources and being operational for clearing debris and opening critical routes ("PUSH") within 24-48 hours of NTP if requested by the County.
- Being fully operational for hauling, sorting, and storing of debris within 48 hours of initial NTP.
- Being fully operational for reduction and disposal of debris within 72 hours of initial NTP.
- Maintaining full operational capability, 24 hours per day, 7 days per week for an extended period of time.
- Being able to clear all debris from all County maintained streets, roads and highway rights-of-way within 90 days from initial NTP.
- Rapidly adjusting the flow of resources based on the extent and magnitude of damage/debris.
- Providing Rapid Response Crews (RRC) as may be required.
- Being able to complete the entire debris management process from initial clearance through final disposal within 180 days from initial NTP

SAMPLE Response and Recovery Timeline Debris Removal, Reduction and Disposal Operations



Because each activation / storm presents separate challenges and situations, the above information has been provided as a sample. During our pre-event training sessions with the County, we will work to frame out possible timelines for minor and major activations.

➤ Debris Emergency Response

Debris Response activities occur immediately after an event in order to clear emergency access routes. This initial phase of operations normally consists of clearing debris that may hinder immediate lifesaving actions within the disaster area and/or pose an immediate threat to public health and safety. The Debris Response phase includes immediate actions for the removal of debris in order to facilitate search and rescue efforts, allow access to critical facilities, and prevent flooding. Actions required during the response phase are usually completed within a matter of days following a disaster event. During Debris Response, CrowderGulf will conduct an emergency "PUSH" of critical streets and roads sufficient to allow for the movement of emergency vehicles. "PUSH" crews can be on-site and working within hours of an event. County staff shall determine priorities for "PUSH" activities with primary emphasis on major thoroughfares. Multiple crews will be conducting emergency "PUSH" activities within 12 hours of receipt of a NTP.

Requirements for government services increase dramatically following a major disaster. After emergency access has been provided to hospitals, police and fire stations, the next priority normally is to open access to other critical community facilities, such as schools, municipal buildings, water treatment plants, wastewater treatment plants, power generation units, airports and seaports.

As soon as critical facility locations are identified, CrowderGulf will dispatch "clearing crews". Depending on the damage, multiple crews will be deployed within 24 hours of receiving a NTP. The "clearing crews" will use all available resources with focus on local personnel and firms. Each "clearing crew" at a minimum will consist of:

- Two pieces of rubber-tired pushing / loading equipment such as backhoe loaders, rubber tired front-end loaders, and skid steer loaders with operators
- Two - three chain saw operators, laborers, flaggers with transport vehicles
- Five 16 to 20 cubic yard capacity dump trucks with drivers
- One Quality Control/Foreman with communications capability and pickup truck
- Equipment and resources needed to transport crew from one site to another

To maximize efficiency, the clearing crew may, depending on the size of the roadway and severity of damage, split into two work teams clearing at different locations on the same street or road. If a crew divides into two work teams, visual contact and effective radio or cellular communication will be maintained between the teams.

When needed, Search and Rescue Support Crews will be provided. At a minimum, each crew will consist of the following:

- One trackhoe excavator, minimum 150hp with operator,
- Three laborers/riggers
- One crew foreman
- Slings, riggings, implements
- Transport equipment

Safety of the clearing crews in this early stage of work will be a paramount concern. Downed power lines, falling trees, equipment and chain saw injuries, worker fatigue, and a host of unanticipated hazards demand constant attention by all team members. Therefore, **toolbox safety discussions** will be a **daily requirement** for the team. Work areas will be surveyed for hazards before work begins and throughout the clearing operation. Special hazard observation responsibility will be assigned to the Quality Control Manager.

"Perhaps most noteworthy of the CrowderGulf team was the selfless partnership they exhibited. While it was anticipated that a contractor would seek to profit from work opportunities, there were multiple occasions when the CrowderGulf team chose not to take advantage of the City and instead openly expressed that it would not be in the City's financial best interest to take certain measures that would have actually benefited CrowderGulf. It was this cooperative attitude that convinced us that the City of Newport News had made the right decision to make CrowderGulf our debris recovery management company of choice."

*Ralph Caldwell, Public Works
Assistant Director
Newport News, VA*

The following is an example of a Debris Response priority list:

- Fire, police, and ambulance service routes
- Access routes to trauma centers, hospitals, critical care units and jails
- Major arterial routes
- Roads and streets to the emergency operations center
- Supply routes to emergency supply distribution centers
- Roads and streets to government facilities
- Communication towers and systems access
- Utility access routes
- Routes to shelters
- Routes to the debris management centers

All other roads and streets are normally cleared as soon as the emergency and major access routes are opened and the County transitions to the recovery operations.



➤ Debris Recovery Operations

Debris Recovery consists of the removal and disposal of FEMA eligible storm-related debris in order to ensure the orderly recovery of the community, and eliminate less immediate threats to public health and safety. The debris removal, reduction and disposal procedures are addressed in specific detail in the following paragraphs.

Important Operational Considerations: At this point in the operation, decisions regarding the movement, storage, reduction and disposal of the debris will have a huge impact on the efficiency and effectiveness of the overall project. As in all CrowderGulf debris operations, we apply a set of standard principles to managing debris operations which include but are not limited to the following:

- Never load debris on a truck before the dump site has been identified.
- Handle only debris that meets FEMA's eligibility criteria.
- Sort debris before initial loading, whenever possible, to increase efficiency.
- Clean streets/roads thoroughly at each pass, i.e., "Clean As You Go" policy.
- If at all possible, load debris only once and deliver directly to the final disposal site.
- Use temporary debris management sites (TDMS) only when they increase operational efficiency.
- Use the most efficient reduction method approved by the client.
- Recycle if costs to benefits are favorable.
- Use privately-owned or if available, publicly-owned landfills for final disposal.

Collection Methods

The fundamental component of a debris management strategy is the collection of debris. Implementation of debris collection immediately after a disaster event will assure the public that recovery efforts are in progress and that the community will return to normal quickly. The debris type, amount, and urgency determines which collection method is used. The two main methods of debris collection are curbside collection and collection centers. Both types of collection methods may be used and will be determined by Franklin County.

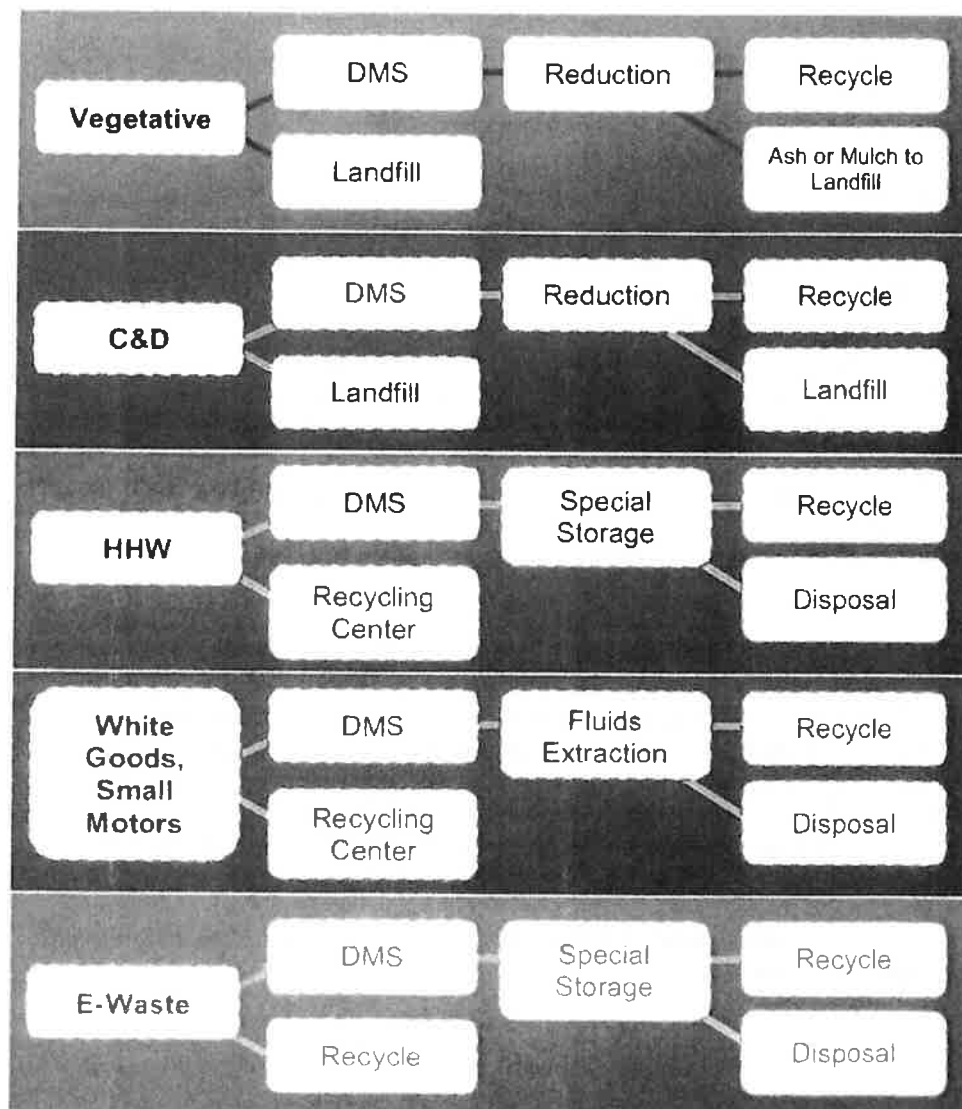
Curbside collection requires that only storm related debris be placed at the curb or public rights-of-way. Source-segregated debris collection offers the potential of high salvage value and efficient recycling/reduction processing. This method is important when collecting hazardous and environmentally sensitive debris, such as household hazardous waste and white goods. Collecting mixed debris allows for residents to place all debris types in one specified area, usually along the public rights-of-way in front of their residence. While this is the most convenient for the public, it does not facilitate effective recycling and reduction efforts, as the debris will need to be handled multiple times. This method prolongs recycling and reduction efforts and increases operational costs.

Collection Centers, the second type of collection method, relies on having residents transport their debris to a common location. Large roll-off bins may be placed on public rights-of-way or public property for the residents to bring their debris for collection. Separate bins can be designated for particular types of debris. If Collection Centers are used, they must be monitored to ensure only of the citizens use the Center and all debris is storm-related eligible debris.

Regardless of the collection methods used, educating the residents before a disaster occurs and keeping them informed after a disaster about the how, when and where of the debris removal operations, will alleviate a lot of stress for everyone. CrowderGulf can assist with keeping the public informed with the information needed to get their debris removed safely and in a timely manner.

Debris Types

Franklin County will determine the scope of the debris to be managed under this contract. However, CrowderGulf is prepared to assist the County in hauling, reducing and disposing of all eligible debris types in accordance with FEMA Public Assistance Program and Policy guidelines. These include: vegetative debris, construction & demolition (C&D) debris, hazardous wastes, white goods, household hazardous waste (HHW), electronic waste (e-goods), abandoned vehicles and vessels, putrescent debris, infectious waste, chemical, biological, radiological, and nuclear-contaminated debris. The following diagram is a breakdown of the general **debris stream**:





Truck Certification

All debris hauling trucks will be certified by the County or a County representative before any hauling begins. The inside bed dimensions of all trucks will be accurately measured and all safety requirements will be checked and approved. This information along with the description and a picture of the truck, driver's name, license and tag number will be recorded on the FEMA compliant certification forms provided by CrowderGulf. The County will retain the original copy of the form and provide CrowderGulf and the driver with copies. The driver's copy must remain in the truck at all times. A placard displaying the trucks identification and measurement information will be displayed on both sides of the vehicle at all times. Specific truck documentation requirements are discussed in the **Documentation and Reimbursement** Section of this proposal.

Sectioning and Crew Assignments

Upon NTP, CrowderGulf will assist Franklin County in assessing damage and developing a specific plan of action. The affected areas will be divided into sections and then crews, subcontractors, and equipment will be assigned. All areas will be served simultaneously.

Loading Debris

Prerequisites for Loading Debris:

- Truck certification and safety inspections completed on all trucks hauling debris
- Identification of disposal site
- If needed for efficiency, identification and preparation of debris management sites
- Sectioning of County with subcontractor assignments
- Quality Control organization operational
- Load ticketing and data management process operational
- Accident Prevention Plan (APP), Site Safety and Health Plans (SSHP), Activity Hazard Analyses (AHAs)
- Initial safety and health briefing for all personnel complete
- Specific training on traffic control complete for all debris crews
- Preparatory inspections of each worksite by Quality Control staff and debris crew foreman
- Work area cleared of safety and health hazards such as downed power lines and hazardous materials
- Inspection of work area for water meters, fire hydrants, utility pedestals and other infrastructure components that could be damaged by equipment
- FEMA debris eligibility criteria communicated to all Crew Foremen, Superintendents, Quality Control staff, Project Managers, and Equipment Operators
- Overhead power lines and other utility lines identified for safe clearance of loading equipment

Crew Composition

CrowderGulf matches equipment to the requirements of the task. Crew composition varies depending on the type of equipment used in performing the loading operation. For example, crews with self-loading trucks do not need separate loading equipment that is required to support a crew consisting of dump trucks or trailers. However, every crew requires traffic control personnel, a foreman and a designated quality control person. Also, each crew requires a chain saw operator and laborer(s) to assist in the ground support work. Usually each piece of loading equipment (self-loading truck or separate loader) is supported by one saw operator, two laborers and two flaggers. At a minimum, debris separation crews will consist of two laborers, one chain saw operator with saw, one skid steer loader with operator and implements, all equipment necessary to transport personnel and equipment from one work site to another. When necessary, ground crews will separate and sort the debris by type, saw fallen trees and vegetative debris at the public rights-of-way, and be constantly alert for water meters, fire hydrants, utility pedestals and other infrastructure components that could be damaged by equipment.

Crew Sizes

The size of debris loading crews will be dictated by the severity and localization of damage. Each crew foreman will be experienced in organizing and directing debris crews and will be provided with sufficient chain saw operators, flagmen, laborers and knuckle boom operators to assure rapid and efficient debris removal.

An example of a Crew is demonstrated in the chart below:

Manpower/Equipment Required	Task Responsibility	No. per Crew
Crew Foreman with experience in organizing & running crews with previous work in disaster related jobs	Provide on-site management of crew to ensure quality performance, safety & maximum productivity	1
20 – 60 CY dump trucks with skilled operators &/or 80 - 140 CY self-loader trucks	Pick up debris from curbside & haul to DMS or final disposal	4-6 (or as area dictates)
Chain Saws & Experienced Operators (as needed)	Reduce large trees & limbs to manageable size & trim debris hanging from loaded trucks	1-2
Flagmen	Direct traffic flow & truck movement	3-6
Laborers	Gather small debris that loaders are unable to grasp	2

Truck and Equipment Considerations

The number of debris hauling trucks assigned to each crew will be determined by the time required to transport a load of debris to the disposal site, dump the load and return to the loading site. Sufficient trucks or trailer hauling equipment will be assigned to each crew to preclude having idle loading equipment. If hauling equipment is found idle and frequently waiting to be loaded, some of the hauling equipment will be reassigned to other crews. Crews will be adjusted as needed to maximize the use of all trucks and equipment.

Often on the first pass of debris removal work, large stumps, tree trunks and other heavy debris must be left for loading by larger more specialized equipment. CrowderGulf will make every attempt to "Clean As You Go". However, there are situations when the need for expedient debris removal precludes achieving this standard completely. As required and directed, specialized equipment will be mobilized on subsequent passes to handle the removal of stumps, other large debris and backfill of stump holes.

Truck Drivers will not be issued a load ticket until:

- The tailgate is secured to prevent debris from falling out of the truck while in route to disposal site
- Trimming of overhanging limbs and debris from around the truck or trailer is complete. This includes debris protruding from the truck bed that may pose a risk of utility line damage. (Actual height depends on local line installation height)
- The debris hauling container is loaded as completely (fully) as safely possible

Once the load ticket is issued, the truck driver will safely move the vehicle out of the loading zone and into normal traffic flow in route to the disposal site or to a Temporary Debris Management Site (TDMS).

Hauling Debris

The hauling or transport process begins at the time the truck or trailer leaves the "loading zone". Safe transport of the debris material to the disposal site becomes the drivers' primary concern. Drivers remain responsible for their loads until safely dumped at the disposal site.

All drivers will follow the most direct and safe pre-planned route to the nearest disposal site. Particular attention to safety is required in the areas near school buses, school zones and other areas of pedestrian foot traffic. Tarps or load covers are applied as required by local or state regulations.



CrowderGulf **RFP for Disaster Debris Removal and Disposal Services** **Franklin County, FL**

On arriving at the disposal site, the driver will maneuver the hauling container for inspection by a County representative in the inspection tower. The load will be "called" by the County representative estimating the percent of the full volume or by estimating the number of cubic yards short of full volume. Drivers working for CrowderGulf are instructed never to disagree or complain about the load "call". Any concerns the driver has are to be directed to his or her crew foreman or supervisor for resolution.

When the debris is safely delivered to the disposal site, it will be mandatory to dump the load only when the truck and trailer are level. This prevents the dangerous hazard of trucks and trailers tipping over. CrowderGulf will employ spotters at the dumpsite to assist drivers in dumping safely.

When the dumping process is complete, the driver will maneuver the hauling container back to the inspection tower for a quick check to make sure all debris has been removed during the dumping process. Any debris hung in the truck or trailer bed must be removed before the truck or trailer leaves the disposal site.

All dumpsites will have a dumpsite manager to supervise and oversee the day to day operations. A safety officer will also be onsite to ensure all safety measures are being executed. Flaggers will be strategically placed at the site to direct traffic flow into and out of the disposal site.

Debris Hauling Prerequisites:

- Debris will only be transported in trucks or trailers capable of rapidly and mechanically unloading.
- No self-load trailers will be used. Exceptions to this standard may be necessary to efficiently and safely transport HHW, E-Waste, ACM or white goods.
- All trucks and trailers hauling debris must have completed the truck certification process establishing approved volume for the debris-hauling container.
- All trucks and trailers must have successfully completed the prescribed Safety Inspection.
- Drivers will be instructed to use the most direct and safe route to the nearest disposal site.
- Drivers will be required to wear safety vests and steel-toed shoes when working.
- If loads are required to be covered during transport, the hauling container must be equipped with a functional cover or "tarp" to prevent flying debris during transport.

***Note:** Proper trimming of loads at the loading site is the best prevention for debris falling out during transport.*

Safety Measures

The Safety Manager and Safety Officers will monitor all safety procedures and daily reports of accidents and/or property damage. The Safety Manager or designee will also be responsible for coordinating and conducting safety meetings with crewmembers and subcontractor personnel. Safety is critical throughout all operations and is discussed later within this **Debris Operations Plan**.

Truck and Equipment Maintenance

Well maintained trucks and equipment are essential for efficient operations. CrowderGulf's crew foremen, subcontractor foremen, and the Field Project Manager will be responsible for keeping all trucks and equipment in good working condition and prepared for each workday. A CrowderGulf mechanic will be on the job for troubleshooting and maintenance of equipment. Local mechanic shops will also be utilized.

Traffic Control

CrowderGulf will use its best efforts to mitigate the impact of debris removal operations on local traffic. Sufficient signing, flagging, barricading, safety equipment and communications devices will be used to ensure the safety of vehicular and pedestrian traffic in all work areas. All work shall be done in conformity with applicable federal, state, local laws, regulations and ordinances.

Hours of Operation

Debris will be collected and loaded during visible daylight hours (dawn to dusk) seven days per week. Debris reduction at the DMS may take place 24 hours per day, seven days per week if required by demand and approved by the County.

Number of Passes

CrowderGulf will make as many passes as the County may direct in order to successfully complete the debris removal process. Normally, a few days may need to elapse between each pass so that the citizens have time to get their debris to the ROW.

Daily Coordinated Issue Management Meetings

Daily meetings will be held between the Field Project Manager, Field Supervisors, the Subcontractor Crew Foremen and representatives of Franklin County to discuss progress, needed adjustments and other issues. Decisions to increase/decrease manpower and/or equipment or change work areas will be made with approval of the County.

Accurate Record Keeping

CrowderGulf utilizes a number of systems to assure accurate truck certification and debris hauling information. Production reports, shift inspection checklists, safety meeting reports, quality controls, and daily crew and equipment usage reports are some of the Quality Control measures used to provide accuracy in the documentation process.

Using the most appropriate technology provides the necessary information to make decisions during the recovery operation. It also improves our ability to provide all documentation needed for maximum reimbursement from FEMA and other agencies. Details of our documentation procedures are fully described in the **Documentation and Reimbursement** section of this proposal.

Documenting and Resolving Damages

During the debris removal process there will always be some minor damage situations that occur regardless of the care taken during the work. CrowderGulf will respond quickly to all damage claims by the County or its citizens and will work diligently to resolve such claims to the satisfaction of all involved. We are well aware of the trauma and disruption to normal lifestyles that result from a natural disaster. Our personnel are thoroughly indoctrinated regarding our policy to always be caring, courteous, polite, and responsive to the needs of the citizens of the community.

"From this resident, we thank you and all of your crews for keeping the recovery from being another disaster, as often happens. It has been a pleasure having your team in our backyards."

Citizen, High Island, TX

Citizens will be provided an avenue to report damages. One option will be a citizens' hot line. The County, the monitoring company or CrowderGulf may provide the hot line. Regardless of the method chosen to provide the information, CrowderGulf is committed to resolving the damage complaint as quickly as possible to the satisfaction of the County and its citizens.

We will employ a Claims Resolution Person (CRP) to handle all property damages that may occur during the recovery process. If possible, a local resident with excellent communication and negotiating skills will be employed to fill this position. This person will be tasked with responding to and amicably resolving all incidents that may occur.

Debris Management Site Development

CrowderGulf has vast experience with selecting, developing, managing and operating Temporary Debris Management Sites. We are committed to efficient and safe DMS operations and require all personnel to be vigilant in using safe practices at all times.

In the context of this proposal, the terms "**Temporary Debris Separation and Reduction Site**" and the term "**Debris Management Site**" (DMS) are used interchangeably.

DMS are established when debris cannot be taken directly from the collection point to the final disposition location. A DMS is a location to temporarily store, reduce, segregate, and/or process debris before it is hauled to its final disposition.



DMS Site Selection

Site selection is probably the most important decision effecting DMS operations. CrowderGulf will work closely with Franklin County to identify and secure suitable locations. Specific Site Plans will be developed for each DMS either upon activation or upon request by the County, and will be in compliance with FEMA Public Assistance Program and Policy Guidelines for site plan development.

Once site selection is approved by the appropriate Debris Managers, CrowderGulf will perform baseline environmental testing protocols as required and will obtain any required special permits and environmental permissions. All costs associated with the preparation, operation, and restoration of DMSs is included in CrowderGulf's pricing structure for the contract.

Site selection should be based on the following criteria:

- Ownership
- Potential for Land Lease Agreements
- Size
- Location
- Environmental and historic concerns (baseline study findings)
- Required Permits

DMS Design and Operational Features

The information gathered during the baseline data collection becomes important to the design of the site. The efficiency and the overall success of the DMS operations are determined by how the site is designed.

A minimum of the following features will be designed into the DMS plan.

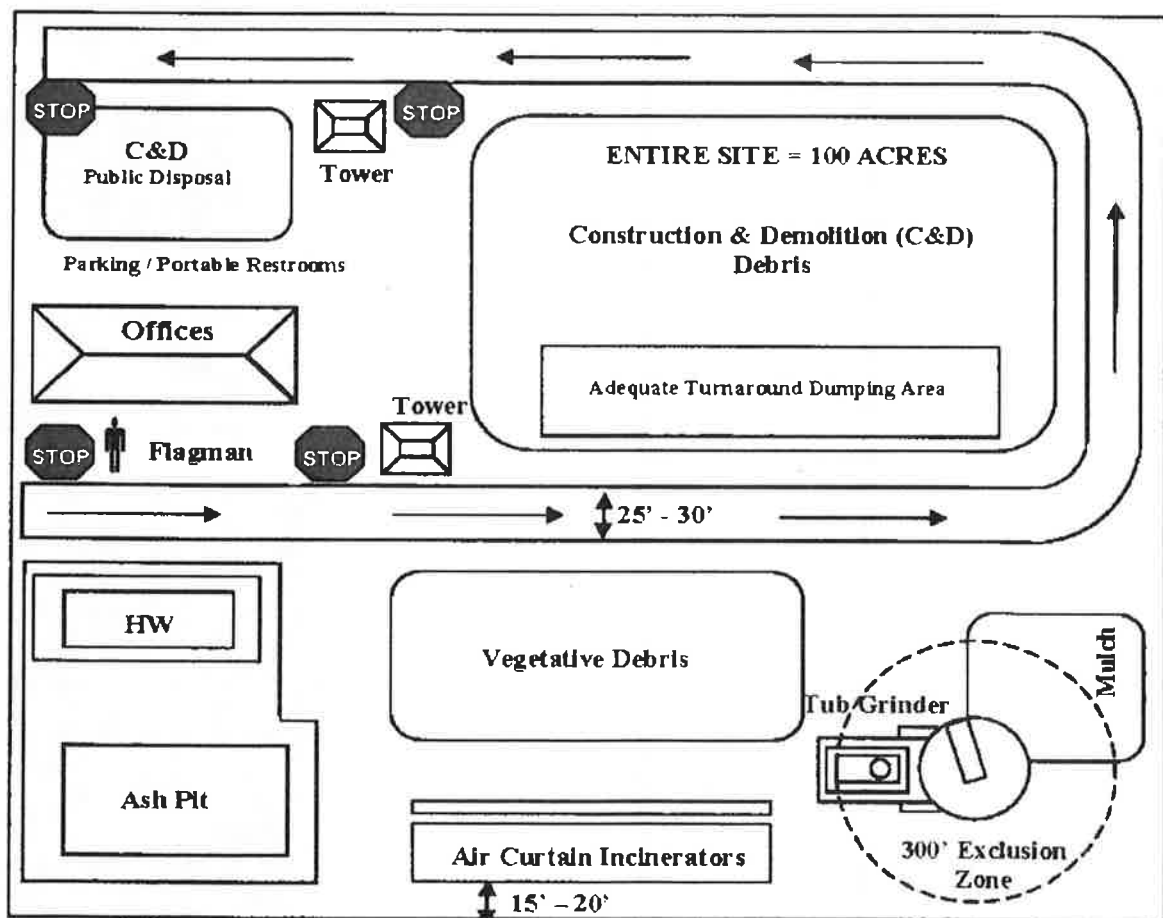
- Portable toilet facilities will be conveniently located to serve the inspection towers, crews working on the site, and office facilities
- Perimeter chain-link fencing, erosion and sediment control fencing, and other necessary drainage control methods
- Site traffic flow will provide for orderly movement of vehicles and equipment to avoid crossing traffic lanes with the construction of two entrances/exits with lockable gates
- At the request of Franklin County, the DMS(s) may be restricted to County and Contractor vehicles only
- Safe and ready access of fire safety and rescue equipment will be provided to all functional sections of the site and to debris stockpiles
- A Safety Zone of at least 200' will be established around the grinder
- Air Curtain Incinerator (ACI) or Open burning safety zone will be established and will be 1,200' from any structure (other than inspection tower) and no less than 250' from any other pile or type of debris on site
- Ash storage pit will be adjacent to ACI units
- Compacted crushed rock and/or mulch will be used on ingress/egress road surfaces
- Designated personnel parking area for 30 vehicles will be established
- Space for two 12'x50' office trailers will be established
- Development of a lined Hazardous Materials Containment Area surrounded by a berm
- Two vegetative debris piles for grinding operations
- Sufficient area for chip piles to minimize pile height to prevent spontaneous combustion
- C&D debris area will be separate from other debris areas
- Adequate area maintained at each site for truck maneuverability and a level stable surface for equipment to complete the dumping process
- Site orientation will provide for ACI operations and grinding operations to be located downwind from offices and inspection towers (i.e., prevailing winds will be considered when setting up site)
- If necessary, separate areas/sites for the public to use for dumping vegetative and C&D debris will be provided. Depending on the process prescribed for allowing this, a separate tower may be required to facilitate accounting for the material entering the public section. If off site citizen collection areas are developed in accordance with the County's Debris Management Plan, CrowderGulf will remove debris from those sites on a regular basis as directed by the County's Project Manager.

DMS Site Plan

A DMS Plan will be prepared to a scale of 1" = 50'. The Task Order specific Management and Operations Plan will be updated to include the Site Management Plans for all DMSs and Disposal Sites operated by CrowderGulf. The DMS Plan will display such functions as:

- Access to the Site
- Site Preparation – clearing, erosion control, and grading
- Traffic Control
- Site Security, Safety and Segregation of debris storage areas
- Location of ash disposal area, hazardous material containment area, contractor work area, and inspection towers
- Location of incineration operations and chipping operations
- Location of existing structures or sensitive areas requiring protection
- Household Hazardous Waste (HHW) or Hazardous, Toxic and Radioactive Waste (HTRW) storage
- A detailed list of equipment
- Sanitation facilities

The general site plan shown will be modified to fit the needs of each specific DMS and will incorporate all specifications addressed in the FEMA Public Assistance Program and Policy Guidelines and all local, state and federal regulations and requirements.

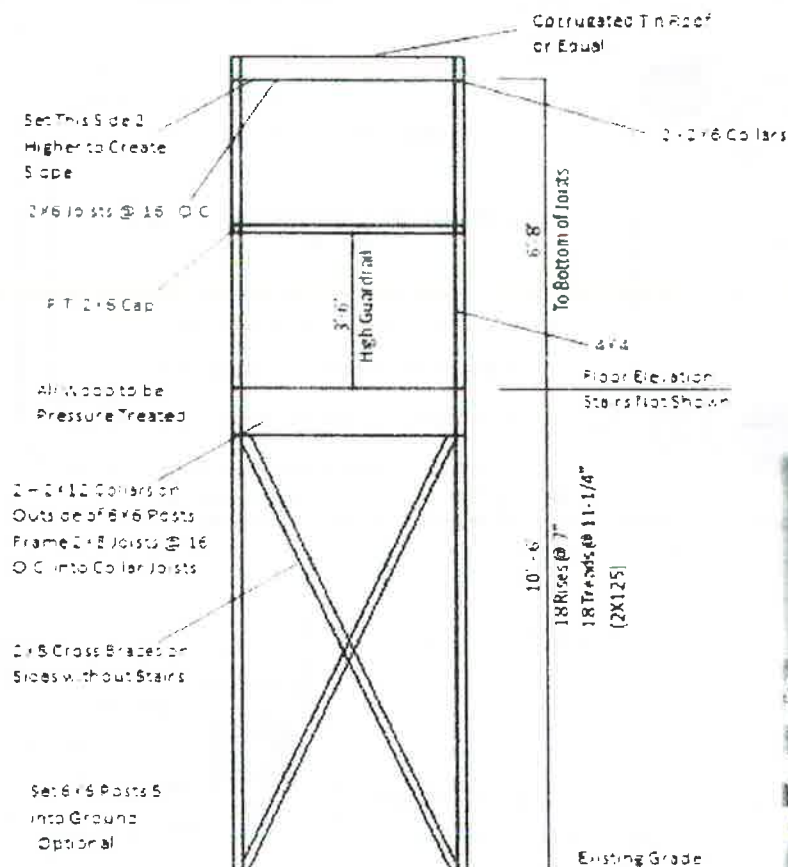


Inspection Towers

At no cost to Franklin County, CrowderGulf will construct a minimum of one inspection tower at each site adjacent to the roadway. A minimum of one exit lane for all trucks to use will be visible from a tower. This allows for checking truck beds before exiting, ensuring that they are completely empty. The inspection tower site location will provide a .25 mile approach outside the public road system to accommodate any truck back up.

- All towers will be OSHA and FEMA compliant. At a minimum, the towers will be constructed with pressure treated wood with the floor elevation of the tower 15' above the existing ground elevation; the floor area shall be 8'x 8', constructed of 2"x8" joists, 16" O.C. with 3/4" plywood supported by four 6"x 8" posts.
- The perimeter of the floor area will be protected by a 4' high wall constructed of 2"x 4" studs and 1/2" plywood. The floor area will be covered by a corrugated tin roof.
- The roof shall provide a minimum of 6'8" of headroom below the support beams.
- Wooden steps will provide access with a handrail. In addition, the construction of towers will comply with all applicable County building codes.
- Inspection towers shall be capable of seating a minimum of three inspectors each.
- Towers will be removed at the completion of the project or when the site is no longer in need.

Inspection Tower

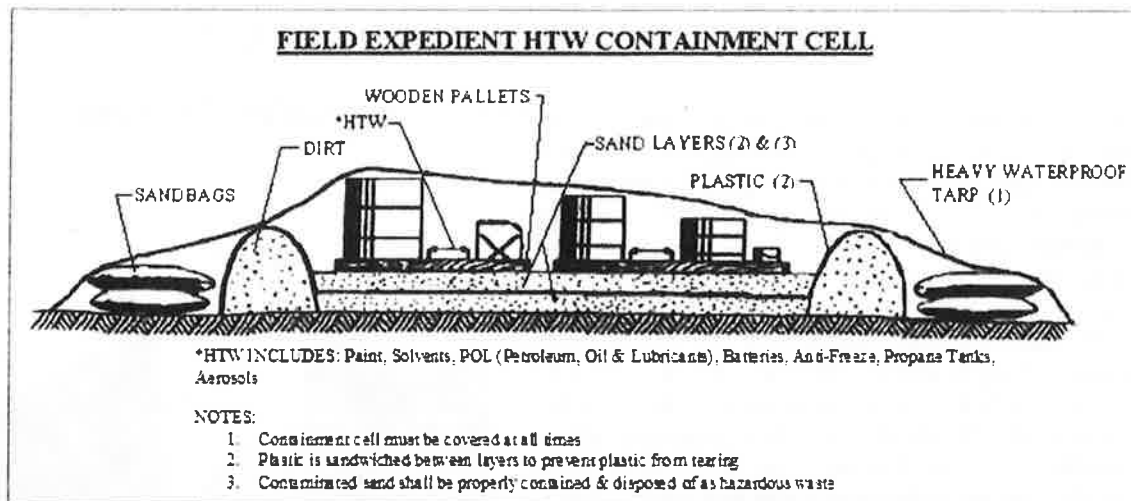


Hazardous Materials Containment Area

In accordance with FEMA Public Assistance and Program Policy Guidelines, CrowderGulf will construct an area designed for the temporary storage and confinement of hazardous material. Material deposited into this facility will be inventoried and stabilized. Any leaking containers will be placed in "over pack drums". A well-marked, defined and enforced NO SMOKING area will be established within 200 feet of this area.

Minimum Design Criteria for the Hazardous Materials Containment Area:

- 30'x 30' in size, the perimeter lined with hay bales staked in place
- Water proof liner or plastic ground protection cover
- Rain and snow cover for the entire area



Debris Separation and Reduction

Debris Separation

The Debris Reduction Manager will supervise the separation and segregation of all loads deposited at the DMS. If site segregation is required because of mixed loads, the separation will reflect the six categories cited below. Each of the following categories of debris will be dealt with in full compliance with the CrowderGulf Environmental Plan and local, state and federal standards:

- Clean, vegetative debris
- Vegetative debris containing other foreign matter
- Construction and Demolition (C&D) Debris
- Salvageable or recyclable debris
- White Goods, e-goods
- Hazardous or toxic materials / waste

Vegetative debris will be placed into two or more piles (no more than 15' high) which will allow for volume reduction without interfering with the ongoing dumping operation or until the dumping and/or reduction operations are complete. As directed by the County's representative, all construction and demolition (C&D) debris will be hauled directly to a certified landfill or prepared for reduction or recycling if feasible. White goods will be degassed, crushed and bailed for sale as scrap metal.

Methods of Debris Reduction

There are two primary types of reduction methods – incineration and chipping/grinding. After all major storms, we have used both grinding and burning to reduce debris, however, grinding has become the more common method due to environmental issues with burning.

• Chipping and Grinding

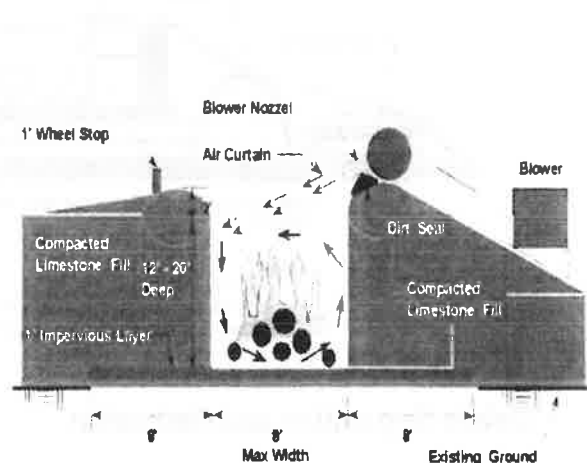
The chipping and grinding of vegetative debris reduces the volume by 75%. Many times clean chips will be recycled as bio-mass fuel. CrowderGulf is very experienced with chipping/grinding debris and has used this method in the majority of our disaster contracts for the past ten years. When grinding/chipping is utilized as the reduction method, all safety and compliance regulations are enforced throughout the operation.



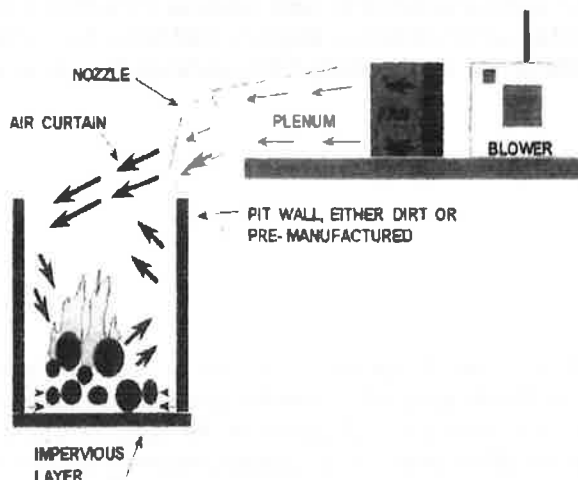
• Incineration

There are several incineration methods available for volume reduction. These include uncontrolled open-air incineration, controlled open-air incineration, air curtain pit incineration, and portable air curtain incineration. Portable air curtain incineration is the most efficient incineration system available because the pre-manufactured pit is engineered to precise dimensions to complement the blower system. Any burning method used will only be conducted with concurrence from the County. Burning vegetative debris can produce up to a 95% reduction rate. In those situations where air curtain incineration may be approved by the County, all environmental compliance and safety concerns will be addressed within the site specific plan. Setbacks and buffer zones will be established within and around the reduction sites not only for the public safety but also for the safety of the debris operations.

Air Curtain Pit Burner



Overview of an Air Curtain Operation



A setback of at least 100' will be maintained between the debris piles and the incineration area. There will be a buffer of 1,000' between the incineration area and the nearest building in order to create a zone for emergency vehicles, if needed. The fire will be extinguished two hours before anticipated removal of the ash mound. The ash mound will be removed before it reaches two feet below the lip of the incineration pit. To prevent explosions, hazardous or contaminated flammable material will not be placed in the pit. Finally, fencing and signage are simple and effective means to keep the public away from the incineration area. The CrowderGulf **Environmental Protection Plan** address and provides detailed guidance on DMS environmental concerns such as dust, smoke, erosion, storm water plus hazardous and toxic wastes. If the DMS is near an environmentally sensitive area or has historical sites in close proximity, special environmental

consideration will be taken to protect and preserve such areas.

Debris Reduction Time Lines

The following Debris Reduction Plan Time Line provides an overview of tasks and identifies both the management personnel responsible and the time frame within which each task shall be completed.

DEBRIS REDUCTION PLAN TIME LINE	
TASK	TIME FRAME (from NTP)
Conduct requirements assessment of damaged area for DMS	Within 24 hrs.
Develop DMS according to Management Plan, including rd. construction, erosion control, portable office & toilet facility	Within 48 hrs.
Construct observation platform per FEMA requirements	Within 48 hrs.
Construct grinding, burn pit, ash storage & hazardous waste storage areas	Within 48 hrs.
Determine the number of burners &/or grinders/chippers required per site	Within 48 hrs.
Ensure Hazardous Waste Plan in place	Within 48 hrs.
If burning is permitted, begin construction of burn pits	Within 48 hrs.
Complete installation of burners	Within 72 hrs.
Secure permits & transport grinders/chippers to designated reduction areas	Within 72 hrs.
Set up grinders/chippers	Within 72 hrs.
Maintain records of hours worked for operators, location worked, repairs, etc.	Daily
Ensure maintenance of burners &/or grinders/chippers	Daily
Make dumpsite adjustments	Daily
Provide daily operations reports to Project Manager & County Rep	Daily
Inspect DMS operations for safety & quality control monitoring	Daily & periodically
Handle storage & disposal of hazardous waste	As required
Restoration of site upon project completion to County's specifications	Upon completion of project
Provide for demobilization of equipment	Upon completion of all tasks

Basic Debris Reduction Crews		
Personnel / Equipment	Task Responsibility	Number per Crew
DMS Reduction Project Mgr.	Supervise set up & daily ops of debris reduction site; Ensure all safety regulations enforced	1 / Site
Day Foreman	Monitor incoming trucks, direct separation of materials; Supervise reduction crews; Monitor for safety regulations being followed and report infractions to Foreman	1 / Site
Night Foreman (if burning)	Supervise crews & secure site; Monitor safety regulations & report infractions to Foreman	1 / Site
Spotters	Monitor incoming debris types; Ensure drivers drop loads in proper locations at stockpiles; Direct clean loads of recyclable material to storage areas; Follow all safety requirements & report any infractions to Foreman	2 - 4 / Site
Flagmen	Direct flow of incoming & outgoing trucks at site; Follow all safety requirements & report any infractions to Foreman	2 - 4 / Site
Laborers	Separate recyclable materials from incoming debris & move it to designated storage areas; Assist other workers with debris separation	2 - 4 / Site
Tower Monitor	Check all ticket copies for legibility & accuracy; Alert monitor writing tickets of errors; Monitor for safety infractions & report to Foreman	1 / Site
Water Truck w/spray nozzles & high pressure hose	Spray nozzles used for dust control; High pressure for hose for fire control	1 / Site
Road Grader w/Operator	Maintain rds. & site	1 / Site
Onsite Fuel & Oil Storage Tanks	Replenish equipment as needed	2 - 4 / Site
Track Hoe w/grapple w/Operators	Build burn pit according to Ops Manual; Clean ash from pits & pile in designated areas; Supply debris to burn pit & grinder	2 - 4 / Site
Bulldozer &/or Rubber Tire Loader w/Operator	Stockpile material; Push debris with Trackhoe	2-4 / Site
Burner Technician / Mechanic	Initial burner set-up; Assist starting fires according to Ops Manual; Daily maintenance & care of burner & loader equipment	1 / Site when burning
1000-1200hp Tub or Horizontal Grinder	Grind vegetative debris	1 / Site when grinding
Grinder Operator	Fuel tub grinder & control grinder operation.	1 / Grinder



Debris Disposal

Final disposition of the products of debris reduction will be made in accordance with instructions from the County and in keeping with all federal, state and local laws.

Vegetative Debris

Based on the County's decision, all vegetative debris will be ground or burned. If ground, the reduced vegetative mulch will be hauled to a properly permitted final disposal site in accordance with all local, state and federal regulations. If vegetative debris is burned, the ash will be hauled to a properly permitted final disposal site. In past disasters we have also recycled the clean ash as fertilizer on farm land. We will properly recycle mulch and ash to the greatest extent possible and within permitted regulations.

Construction and Demolition Debris

All C&D material shall be disposed of in facilities approved by Franklin County in accordance with all federal, state and local laws.

Specialty Debris

CrowderGulf's supervisory personnel are experienced in identifying and assessing potential problems imposed by specialty debris including **abandoned vehicles and vessels, wet marine debris, white goods and electronic wastes, hazardous materials and waste, bio-hazardous wastes, dead animals, and hazardous trees and stumps**. As mentioned above, CrowderGulf works in conjunction with all federal, state and local regulatory agencies and strictly follows all regulatory guidance. If removal and disposal is beyond the area of our expertise, we will use Garner Environmental Services (www.garner-es.com), a highly qualified and licensed Hazmat contractor, to remove and dispose of any such materials.

Debris Recycling Plan

Based on the debris management goals and objectives of Franklin County, CrowderGulf will implement debris recycling programs as marketing opportunities allow. When recycling is feasible, CrowderGulf will monitor procedures to ensure that the recycling contractors comply with local, tribal, state and federal environmental regulations. Any reimbursement for recycled material will be credited or returned directly to the County.

Vegetative Debris

The vast amount of vegetative debris produced by a natural disaster creates a real recycling challenge. We will make maximum efforts to recycle all organic material. Experience has taught us that it will still require freight cost and tipping fees, but recycling is still the best option as opposed to using up valuable landfill space.

Specifically, our plan involves the following:

1. Debris crews will be encouraged to cut tree trunks into 8' or longer lengths for delivery to dump site. Quality logs will be separated and marketed to pulp mills, saw mills, and veneer mills. Timber in the log form is always marketable, and depending on quality can be transported to market even if the markets are relatively far away.
2. Stumps usually have large quantities of dirt attached, which contributes to the low quality of fuel chips. Stumps will be split and burned if burning is permitted. If burning is not permitted split stumps will be ground and resulting chips will be kept separate.
3. Limbs, twigs, short blocks and inferior logs will be ground or burned. To reduce contamination of chips with dirt, care will be taken to use rubber-tire loaders with rakes and track hoes with grapples.
4. Every effort will be made to move chips to organic fuel users in a wide area. CrowderGulf will begin moving chips as soon as possible to prevent the buildup of massive chip piles that create a potential fire hazard.
5. CrowderGulf has contacts with major paper mills, sugar mills, and other organic fuel users in the Southeast. Once CrowderGulf is awarded a contract, we will work to get tentative agreements with users who are in close proximity.
6. If local laws and regulations permit, CrowderGulf will secure land in a rural area(s) as close as possible to our chipping operations. Chips unfit for fuel or chips surplus will be piled on the property, mixed with ash from burning operations that has been tested and free of contaminants, and turned periodically to produce quality marketable compost suitable for landscaping use or applications to farm land.

After Hurricanes Isabel in 2003, and Ivan in 2004, CrowderGulf shipped clean vegetative chips to Italy to be used as bio-mass fuel. After Hurricanes Charley in 2004, and Irene in 2011, local power plants took chips for use as bio-mass fuel. In 2012, after Hurricane Isaac, Mississippi paper mills received all of our clean chips to use for bio-mass fuel.

C&D Debris

Concrete, asphalt and masonry products can be crushed and used as base material for certain road construction products or as a trench backfill. Debris targeted for base materials will need to meet certain size specifications as determined by the end user. The County may choose to recycle these products themselves. As an example, after Hurricane Ike, Galveston County recycled the crushed concrete (from home slabs on Bolivar Peninsula) by using it for road reconstruction and for a new government building foundation.

Hurricanes and tomadoes can cause extensive damage to mobile homes, sun porches, and green houses. Most of the nonferrous and ferrous metal debris is suitable for recycling. Trailer frames, trailer parts, appliances and other metal items will be properly separated, crushed, baled and recycled. Any proceeds will be credited to Franklin County.

Site Closure and Restoration

Upon completion of debris reduction operations, all DMSs will be restored to pre-existing conditions. All equipment, inspection towers, and any other temporary buildings will be removed. Burn pits will be returned to existing grade. Any unburned or chipped materials will be hauled to an appropriate facility. Separated metals, plastics, white goods or other materials and types will be disposed of as required by contract or regulations. Site reclamation / remediation will be billed back to the client at a pass through cost. In addition, if groundwater and / or soil testing is required, these items will be billed to the client at as pass through cost. A final site inspection will be conducted by County authorities and any discrepancies will be corrected.

All work, including site restoration and closeout will be concluded within 30 calendar days of notice from the County that the last load of debris has been delivered.

➤ Documentation and Reimbursement

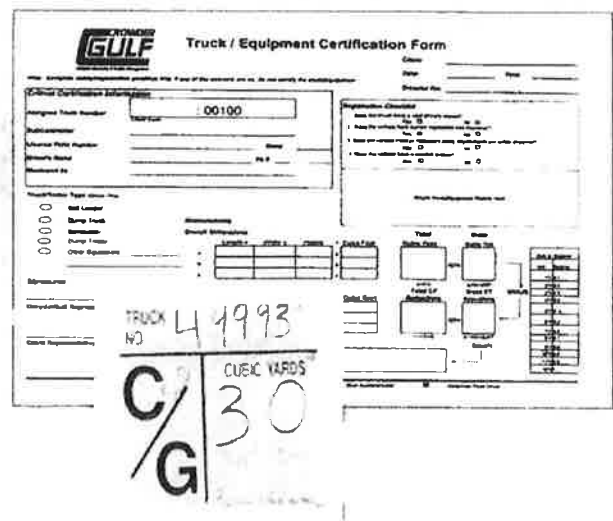
CrowderGulf has been successful in the past in supporting our Clients with accurate and complete documentation records. This documentation is readily available to the County, FEMA, FHWA and any other agency that provides reimbursement. Superior record keeping using the best available technology from the beginning to the end of the project is critical. Financial accountability is maintained throughout the process by using a system of checks and balances that are tied directly to the quantitative documentation originating in the field. Throughout the project, FEMA Public Assistance Program and Policy Guidelines are followed and serve as the foundation of our documentation and accounting systems.

Documentation for Debris Hauling

In an effort to maximize accuracy of accounting, CrowderGulf utilizes the following system of project controls:

Phase 1 - Truck Certification

All debris hauling trucks are certified in accordance with FEMA guidelines. Part of the certification procedure includes truck safety checks. Any trucks not meeting the safety requirements will not be certified until infractions are remedied.



The form is titled "Truck / Equipment Certification Form" and includes the CrowderGulf logo. It contains several sections for data entry:

- General Information:** Fields for Name, Address, City, State, Zip, and Phone.
- Vehicle Information:** Fields for Vehicle Number (00100), Make, Model, Year, and Color.
- Operator Information:** Fields for Operator Name, License Number, and License State.
- Equipment Information:** Fields for Equipment Number, Make, Model, Year, and Color.
- Inspection Results:** A table with columns for "Inspected By", "Inspected On", "Inspected At", and "Inspected For".
- Signature Section:** Fields for "Truck Operator Signature" and "Inspector Signature".
- Handwritten Markings:** The form features large handwritten markings: "TRUCK 44993" and "C/G 30 CUEC VARDS".



Documentation procedures include:

- Measuring the interior dimensions of all debris hauling truck beds to determine the measured cubic yard capacity
- Safety and insurance requirements check is part of the certification process
- The County's representative, CrowderGulf and the driver will each retain a copy of the completed *Truck Certification Form*
- All equipment are affixed with placards displaying the owner's name, equipment number and certified capacity
- A Capacity Certification Log is maintained in the field as a quality control tool
- All tower inspectors are provided with a current Capacity Certification Log to enforce the integrity of the valid documentation against the truck placard

Phase 2 - Debris Load Ticket Completion

The term "load ticket" refers to the primary debris-tracking document that records the transport of debris from the original collection point to the DMS or final disposal site. By positioning the debris monitors at each point of the operations (collection, DMS and/or final disposition), the eligible scope of work can be properly documented.

This process includes the following procedures:

- Completion of a multi-part *Debris Load Ticket* for each truckload of debris
- County representative(s) at the loading site(s) will inspect each loaded truck, legibly and accurately record the required information on the ticket and provide the debris hauler with a partially completed ticket
- County representative(s) at the temporary or final disposal site(s) inspection tower take the ticket from the driver and complete the disposal information
- County representative(s) retain the original completed ticket and a copy is provided to the driver and a CrowderGulf representative
- CrowderGulf representatives collect ticket copies and perform the first of many quality control checks
- CrowderGulf field office personnel process the tickets sending electronic copies to the Home Office for additional quality control checks, data entry and storage

Accurate completion of these two phases of quantitative and descriptive debris information is imperative for cost reimbursement and contractor invoicing. When electronic ticketing is used, the above procedures are slightly modified according to the firm acquired, while still maintaining the same quality of information and satisfying requirements.

Documentation of Special Projects

There are usually several additional recovery projects besides ROW debris removal and disposal that are required in order to address geographically unique storm damage. Each project is preceded by a specific task order to serve as a formal request to proceed with the project. The Task Order outlines the parameters of the project and establishes the pay rates associated. Detailed documentation that meets FEMA Public Assistance Program and Policy Guidelines will be kept for each project.

Data Management

CrowderGulf utilizes a comprehensive and seasoned data collection and storage process with all projects. Regardless of whether electronic (ADMS) or paper ticketing documentation is used by the County or representative, CrowderGulf easily adapts data capturing procedures to accommodate all requirements. CrowderGulf's database is specifically designed to capture and track quantitative and descriptive debris data for the entire project while storing ticket images for reconciliation support and audit documentation support.

Here is an example of the CrowderGulf database and document capture capability:

Load Ticket Form
7/21/2020 2:16 PM
Dump All Documents

Debris Load Ticket Form

% CY Ticket

Ticket Number: 50134-20181029085927

Disposal Date: 10/29/2018

Entered By: ANB

Get Next Document

Load Information

Truck No: 2004

Sub-Contractor: Gaston

Load Time: 8:59 AM

Project: 10-Bay Co

Disposal Information

Disposal Site: Bay Co - Frankford Rd DMB

Debris Type: Veg

Disposal Time: 9:20 AM

Truck Cap: 115

% Load: 70

Calc Load: 80.5

Scale Ticket No:

Tare: 0

Time: 1 pm - 1200 3 pm - 1600 5 pm - 1700 7 pm - 1800

2 pm - 1400 4 pm - 1800 6 pm - 1900 8 pm - 2000

Comments:

!

Administrative Use Only:

Document: WCG-FS1\imaging\Access\0004F00F

Attach Remove

STORM

strategic tracking of recovery material

Cubic Yard Load Ticket

Ticket Number: 50134-20181029085927

Project Number: 10

Project Name: Bay County

Trailer Information

Truck Placed ID: 2004

Load Information

QC Monitor ID: 50134

Latitude: 30.19607

Longitude: -85.00289

Date/Time: 10/29/18 9:50 AM

Disposal Information

Site Name: Bay Co - Frankford Rd

QA Monitor: Robert Jackson

Date/Time: 10/29/18 9:20 AM

Debris Type: c&d

Max Capacity: 115.0

Percent Full: 70%

Calculated Quantity: 80.5

Authorized Signature _____

Contractor Copy

Technology has made documentation, reconciling and invoicing a more efficient, transparent process that can help expedite FEMA reimbursement. However, the technology is only as good as the people using it. CrowderGulf has capable, well-trained personnel with the commitment to ensure functionality and accurate information on a continuous basis. CrowderGulf has these qualified, committed personnel full-time throughout the year ready to provide documentation support even years after the project is complete.

Monitoring Companies and Electronic Ticketing

CrowderGulf has vast experience working with several monitoring companies and are familiar and compatible with their programs, processes and procedures. It is important that to the Client that CrowderGulf and Client representative (i.e., monitoring company) establish and maintain a positive and professional rapport throughout the project. This is necessary in order for the communication flow to be open with the central focus of making sure all documentation for eligible work is accurate and complete.

Reports and Information

Reports display tracking of debris through work completed to aid and support ongoing project planning. CrowderGulf has the capability and know how to conform reports to the unique specifications of any project or even portions of a project. Reports can be developed quickly to capture specific County requested data. These reports serve as a valuable tool to everyone in decision making throughout the recovery process.



CrowderGulf

RFP for Disaster Debris Removal and Disposal Services

Franklin County, FL

We can provide the County with the following daily and weekly reports (at a minimum):

- Total cubic yards hauled
- Total cubic yards of vegetative debris hauled
- Total cubic yards of C&D debris hauled
- Total cubic yards of Stump debris hauled
- Total leaners or hangers cut
- Total cubic yards of mulch debris hauled
- Total cubic yards hauled to each DMS
- Other customized reports as requested

Reports may be provided in Excel format, Word format or PDF format.

CROWDERGULF DEBRIS MANAGEMENT						FEMA-DR-4399-FL	
Debris Removal						Hurricane Michael	
Daily Debris Removed Report							
Bay Co. FL							
DEBRIS REMOVED ON: 12/27/2018			REPORT DATE			Tuesday July 31, 2020	
Date	Truck #	Delivered To	Debris Type	Capacity	% Load	Load (CY)	
12/22/2018	50116-20181223085058	Bay Co - Petre Edwards DMS	Veg	71.00	90	63.90	
12/22/2018	50116-20181223085120	Bay Co - Petre Edwards DMS	Veg	69.00	70	48.30	
12/22/2018	50116-20181223074743	Bay Co - Petre Edwards DMS	Veg	71.00	78	55.38	
12/22/2018	50116-20181223074822	Bay Co - Petre Edwards DMS	Veg	69.00	80	55.20	
12/22/2018	50116-20181223090938	Bay Co - Petre Edwards DMS	Veg	71.00	80	56.81	
12/22/2018	50116-20181223091008	Bay Co - Petre Edwards DMS	Veg	69.00	93	64.43	
12/22/2018	50116-20181223104607	Bay Co - Petre Edwards DMS	Veg	71.00	70	49.70	
12/22/2018	50116-20181223104632	Bay Co - Petre Edwards DMS	Veg	69.00	83	57.57	
12/22/2018	50116-20181223082737	Bay Co - Petre Edwards DMS	Veg	75.00	80	60.00	
12/22/2018	50116-20181223082755	Bay Co - Petre Edwards DMS	Veg	72.00	85	61.20	
12/22/2018	50116-20181223074228	Bay Co - Petre Edwards DMS	Veg	78.00	80	62.40	
12/22/2018	50116-20181223074250	Bay Co - Petre Edwards DMS	Veg	72.00	75	54.00	
12/22/2018	50116-20181223074436	Bay Co - Petre Edwards DMS	Veg	78.00	70	54.60	
12/22/2018	50116-20181223074722	Bay Co - Petre Edwards DMS	Veg	72.00	80	57.60	
12/22/2018	50116-20181223084647	Bay Co - Petre Edwards DMS	Veg	78.00	80	62.40	
12/22/2018	50116-20181223084738	Bay Co - Petre Edwards DMS	Veg	72.00	70	50.40	
12/22/2018	50116-20181223093847	Bay Co - Petre Edwards DMS	Veg	78.00	89	69.42	
12/22/2018	50116-20181223093904	Bay Co - Petre Edwards DMS	Veg	72.00	75	54.00	
12/22/2018	50116-20181223103130	Bay Co - Petre Edwards DMS	Veg	78.00	70	54.60	
12/22/2018	50116-20181223107341	Bay Co - Petre Edwards DMS	Veg	72.00	90	64.80	
12/22/2018	50116-20181223110813	Bay Co - Petre Edwards DMS	Veg	78.00	89	69.42	
12/22/2018	50116-20181223110838	Bay Co - Petre Edwards DMS	Veg	72.00	70	50.40	
12/22/2018	50815-20181223082637	Bay Co - Petre Edwards DMS	C&D	100.00	95	95.00	
12/22/2018	50815-20181223083561	Bay Co - Petre Edwards DMS	C&D	100.00	85	85.00	
12/22/2018	50815-20181223084450	Bay Co - Petre Edwards DMS	C&D	98.00	95	93.10	
12/22/2018	50815-20181223084717	Bay Co - Petre Edwards DMS	C&D	110.00	99	109.80	
12/22/2018	50815-20181223076362	Bay Co - Petre Edwards DMS	C&D	100.00	95	95.00	
12/22/2018	50815-20181223076328	Bay Co - Petre Edwards DMS	C&D	94.00	85	79.90	
12/22/2018	50815-20181223072510	Bay Co - Petre Edwards DMS	C&D	94.00	85	79.90	
12/22/2018	50815-20181223072830	Bay Co - Petre Edwards DMS	C&D	100.00	95	95.00	
12/22/2018	50815-20181223074019	Bay Co - Petre Edwards DMS	C&D	110.00	90	99.00	
12/22/2018	50815-20181223075454	Bay Co - Petre Edwards DMS	C&D	98.00	95	93.10	
12/22/2018	50815-20181223081025	Bay Co - Petre Edwards DMS	C&D	101.00	90	90.90	
12/22/2018	50815-20181223082409	Bay Co - Petre Edwards DMS	C&D	100.00	95	95.00	
12/22/2018	50815-20181223091647	Bay Co - Petre Edwards DMS	C&D	100.00	95	95.00	
12/22/2018	50815-20181223093636	Bay Co - Petre Edwards DMS	Much	110.00	99	109.80	
12/22/2018	50815-20181223095236	Bay Co - Petre Edwards DMS	Much	94.00	95	89.30	
12/22/2018	50815-20181223100330	Bay Co - Petre Edwards DMS	Much	100.00	95	95.00	
12/22/2018	50815-20181223100814	Bay Co - Petre Edwards DMS	Much	101.00	95	96.05	
12/22/2018	50815-20181223101907	Bay Co - Petre Edwards DMS	Much	100.00	95	95.00	
12/22/2018	50815-20181223102448	Bay Co - Petre Edwards DMS	Much	100.00	95	95.00	
12/22/2018	50815-20181223103613	Bay Co - Petre Edwards DMS	Much	94.00	95	89.30	
Bay Co. FL						Daily Cu Yds	
Loads this Report: 42						3,051.85	
Avg Load Factor: 82.6							

Reconciliation and Invoicing

An important aspect of the documentation process is the reconciling of all the truck certifications and load tickets prior to invoicing. CrowderGulf has earned a solid reputation with clients and monitoring firms by working closely with them to ensure that data reconciling is completed before invoicing. Whether reconciling with a monitoring company or with our clients direct, our database has all the information needed to expedite this process.

After reconciliation is complete, it is time for invoicing. All invoices are fully supported by load tickets and other required documentation. CrowderGulf is very flexible in generating invoices. Invoices can be provided in different ways such as a dollar amount limit per invoice, designated work period on an invoice (i.e. one week per invoice) or single task invoices. CrowderGulf strives to accommodate by adapting to preferred formats and preferences. Having reconciled the data prior to invoicing makes the invoicing documents easier to read from FEMA's standpoint and speeds up the audit or reimbursement process. Schedules for invoicing are usually outlined in the contract. Many times, due to the severity of the disaster and the available resources by the County the payment schedule may be modified to allow more time to pay the invoices. CrowderGulf is able to accommodate these situations due to our strong financial stability.

Documentation Maintenance

CrowderGulf maintains all documentation for a period of at least 7-10 years, depending on the requirements. All tickets and truck certifications, task orders, and any other pertinent documentation are kept in both hard copy and electronic format. Having all documents in an organized electronic file allows for easy access if and when FEMA audits the work.

FEMA Requirements and Assistance in the Reimbursement Process

CrowderGulf works closely with all regulatory agencies to assure minimum issues in our disaster management efforts. Over the past 20 years, **98%** of CrowderGulf's work has been with Cities, Counties, States and Agencies that received reimbursement from FEMA under the Public Assistance (PA) Reimbursement Program. As a result of our success in documenting all aspects of the debris management process to support reimbursements, CrowderGulf has established itself as one of the most respected debris contractors in the United States.

As an example of our commitment to Clients, in June, 2010, a CrowderGulf Client requested assistance with a FEMA audit for work completed in 2005, after Hurricanes Katrina and Wilma. Consequently, one of our senior managers spent four weeks working onsite with the Client, as well as 1,000 plus hours of work time on the project researching and preparing documentation requests for FEMA. All of our time and assistance was provided to the Client at no cost. This is how every client is treated. CrowderGulf is committed to 'going to the mat' with them to make sure that our documentation is complete, accurate and provided in whatever format FEMA requests.

CrowderGulf's former FEMA Directors, Emergency Managers and FEMA trained Debris Specialists are available to assist in complying with FEMA guidelines and completing all documentation required by FEMA, FHWA or the Office of Inspector General. **Our Staff is well versed in the Code of Federal Regulations (44 CFR), FEMA's Public Assistance Program and Policy Guidelines (incorporating FEMA Debris Management Guide (FEMA 325), and the Public Assistance Debris Monitoring Guide (FEMA 327).**

CrowderGulf will share its knowledge and experience concerning reimbursement matters. The goal is to obtain maximum reimbursement by utilizing extremely accurate record keeping and exacting quality control measures. Specifically, CrowderGulf will assist the County with the following:

- Developing Project Worksheets
- Estimating debris volumes for initial damage assessment
- Identifying eligible and ineligible reimbursements
- Documenting every element of the recovery process
- Reviewing all records to assure that they meet federal and state reimbursement guidelines
- Providing various levels of training for County employees
- Documenting all facets of work to support the claim process
- Maintain all documents for 7-10 years

Reimbursement

CrowderGulf is committed to completing any emergency management and recovery project for the County in the minimum amount of time and at the best price possible. We work in full regulatory compliance with all agencies involved in disaster recovery including but not limited to:

- Federal Emergency Management Agency (FEMA)
- Federal Highway Administration (FHWA)
- Environmental Protection Agency (EPA)
- Florida Department of Environmental Protection
- United States Coast Guard (USCG)
- United States Corps of Engineers (USACE)
- Florida Department of Health
- Florida Department of Transportation



Maximizing Reimbursements under the Sandy Recovery Improvement Act (SRIA) / Pilot Program

FEMA's SRIA program is intended to increase the effectiveness of debris removal by providing incentives to sub grantees (counties/municipalities) who take advantage the program. CrowderGulf's Management Team are very experienced in working within the guidelines of FEMA's Public Assistance program. Currently, FEMA has removed the majority of the initiatives that made up the Alternative Procedures for Debris Removal Pilot Program however, FEMA continues to promote the use of Straight Time and Force Account Labor incentives. CrowderGulf is prepared to work with our clients to partner in the debris removal initiative.

<i>SRIA Program Incentives for Subgrantees</i>	<i>CrowderGulf's Capabilities and Commitment to Clients(sub grantees)</i>
<u>Straight Time and Force Account Labor:</u> When a sub grantee has elected to participate in the Straight-Time Force Account Labor Procedure to perform all or part of the debris removal operations, FEMA will reimburse the base wages with associated fringe benefits as well as any overtime labor costs and the hiring of additional staff.	CrowderGulf will work directly with clients to augment the client's staff. This may be accomplished by dividing the client's damaged area into segregated or zone areas. Specific zones can be assigned to CrowderGulf crews for debris removal. Other zones will be designated for the client to use force account labor to remove debris. This partnership can expedite debris removal and allow for client crews to remain active and working when normal work could be delayed or be non-existent, due to disaster conditions. CrowderGulf has always maintained that our relationships with clients are invaluable. No job is too small and we have never failed to fulfill any contractual obligations.

ESSENTIAL SUPPORT FUNCTIONS

➤ Readiness Support and Training

CrowderGulf's long and successful history of disaster response and recovery success is, in a large part, a result of continuous Readiness Planning and Training. CrowderGulf is dedicated to a year-round cycle of preparation, practice, review and analysis to refine our procedures and processes. We strive for continuous improvement with the goal of exceeding expectations where it matters, in project execution.

Joint training and pre-planning with the County will be an important part of Readiness Planning. **On at least an annual basis, CrowderGulf specialists will provide training and pre-planning sessions.** In addition, our Debris Reduction specialists will be available to review and advise on potential DMSs. Preparedness training will be tailored to the County's needs and requests.

Usually, training will consist of all or some of the following topics:

- General understanding of the disaster declaration process
- Understanding the importance of thorough documentation in all processes
- Contract scope of work & scope of work timeframe
- FEMA debris removal eligibility & FEMA required documentation
- Responsibilities of the County & the contractor for debris management
- Pre-event actions
- Management team roles & responsibilities
- Initial response & recovery operations
- Debris removal & monitoring functions
- Truck certification process
- Documentation
- Close out & reimbursement

Training and pre-planning sessions are designed by the needs of each individual Client. For example, if our Client is preparing their own session and would like CrowderGulf to prepare material for discussion for a particular time slot, material such as handouts and PowerPoint presentations are created to present to the attendees based on the discussion topic provided by the Client. This type of involvement is usually requested by Clients who have knowledgeable staff who are experienced in the debris removal process and only need a quick overview of a particular topic.

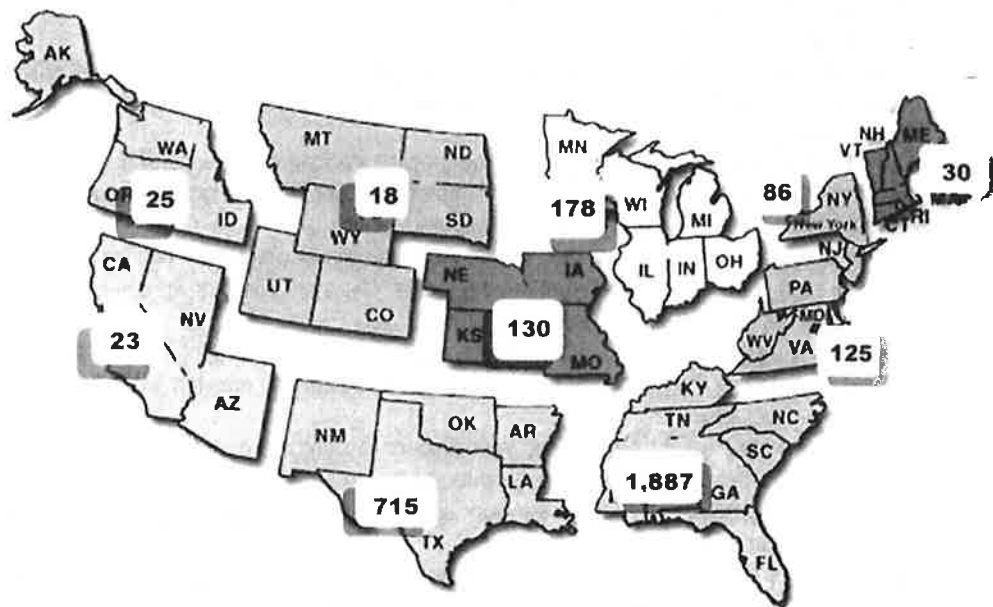
CrowderGulf also provides a more in depth session for the Clients who need training and plan development specific to their geographical location. CrowderGulf is experienced in assessing the needs of each Client and providing the knowledge and training needed for a successful event. In these situations, CrowderGulf provides in depth training and plan development through PowerPoint presentations, handouts and table top exercises. During the in depth training and planning sessions, CrowderGulf can offer assistance in helping the decision makers make informed decisions regarding such things as DMS needs and locations, County disaster debris team members and their roles, whether it is in the best interest of the Client to acquire a monitoring firm, and identifying any other concerns that may not have been previously identified.

➤ Subcontracting

It is company policy to utilize **qualified local subcontractors** to the maximum extent possible in **compliance with 44 CFR 206.10**. Per Client compliance requirements under **44 CFR 13.36(e)**, CrowderGulf, as Prime Contractor, will take all affirmative steps required to assure that minority firms, women's business enterprises, and labor area surplus firms are used when possible.

In addition, we maintain a national subcontractor **database of over 3,200 pre-qualified subcontractors**, which allows us to identify companies by size, equipment and geographical location. Prospective subcontractors may visit our website, www.crowdergulf.com, to register or may fax information to the Disaster Administration Office for review. Due to CrowderGulf's reputation of always treating our subcontractors fairly and paying them on a weekly basis, we have a surplus of subcontractors throughout the nation ready to work at a moment's notice.

The graphic below gives a breakdown of the number and general region that we have registered subcontractors. The number changes periodically as new subcontractors register on our website. For several reasons this number grows after a major disaster.



Subcontracting Practices

It is the practice of CrowderGulf to subcontract debris work and services using the following guidance:

1. Subcontract to the maximum extent possible with local firms and small businesses. In addition, preference will be given to qualified local vendors for equipment rental and supplies sourced in the jurisdictional boundaries.
2. Promote the use of local contracting by tasking a senior manager to assure notification through local media and organizations.
3. Promote subcontracting only with the assured compliance with equal opportunity hiring.
4. Provide all subcontractors a clear chain of command for purposes of official and/or unofficial communications.
5. Accept, process and pay invoices of subcontractors in accordance with the CrowderGulf policy.
6. Provide priority subcontracting considerations to/for subcontractors that have provided quality work to CrowderGulf in past operations – consistent with the subcontracting policy.
7. CrowderGulf does not have a set-aside percentage of subcontracted work for any particular classification of subcontractor, but will give special attention to small, disadvantaged firms and/or women owned small business firms for contract work or services needed.
8. CrowderGulf is committed to promoting the use of small minority, disadvantaged firms and/or women-owned small business firms for contract work, whenever and wherever possible.
9. We currently maintain an active pre-qualified subcontractor database, tracking current certifications of local and regional D/M/W/SBE qualified subcontractors. Subcontractors can mail, fax, e-mail or log on to www.crowdergulf.com to submit their company information for review. If necessary, we will use additional outlets such as newspapers, publications, websites, etc.
10. As required by each awarded contract, CrowderGulf will meet or exceed goals and expectations on the local minority workforce population and the utilization of minority professional firms, consultants and/or suppliers. CrowderGulf will maintain all requirements set forth by the Client.

Subcontracting Policy

It is standard policy that all subcontractors comply with all of the contractual conditions and commitments of CrowderGulf. As such, all subcontractors shall agree to the following:

1. Enroll in the E-Verify program and provide acceptable evidence of enrollment at the time of subcontract execution. Acceptable evidence consists of a copy of the properly completed E-Verify Company Profile page or a copy of the fully executed E-Verify Memorandum of Understanding for the company. It shall be the **Subcontractor's** responsibility to familiarize themselves with all rules and regulations governing this program.
2. Read and formally acknowledge by signature the CrowderGulf Contract for subcontractors and Safety Manual as provided by CrowderGulf.
3. Provide satisfactory evidence of bonding and licensing that complies with contract and jurisdictional requirements.
4. Provide assurances that no current owner, principal or officer of the firm is or has ever been debarred by the state and/or federal government.
5. Obtain and furnish satisfactory evidence of required insurance from a responsible insurer.
6. Give all notices and fully comply with all local, state and federal laws – including, but not limited to, social security, workers compensation and unemployment insurance, DOT, etc.
7. Begin work to be performed within two full workdays after a subcontractor is notified of a subcontract award, unless otherwise stipulated in the subcontract arrangements. The subcontractor will pay for all materials, equipment and labor used in the performance of the subcontract(s).
8. In the event a subcontractor makes an untimely start, or is unable to supply sufficient skilled workmen, equipment or materials to satisfy the subcontract arrangements, CrowderGulf may terminate the employment/contract of the subcontractor for cause.
9. Take all reasonable safety precautions with respect to contracted work, complying with all safety, workplace standards and environmental measures as directed by CrowderGulf.
10. Furnish periodic progress reports on the work as directed by CrowderGulf, plus use the debris reporting system selected by CrowderGulf.
11. Provide CrowderGulf with progress payment billings (as agreed in the respective subcontracts).
12. Final payments to subcontractor(s) may be deferred pending receipt of contractual or statutory lien waivers, releases, closeout documents or other encumbrances.
13. Other stipulations may apply as may be required by unique local conditions.

Understanding Requirements

CrowderGulf takes several steps during the proposal preparation process to ensure local subcontractor participation as well as M/WBE utilization policies and 44 CFR 13.36(e) compliance are met. Understanding exactly what the Client is requesting during this initial proposal phase is key to implementation upon activation. In order to clearly define the expectations required we take several preliminary steps. The first step is to review M/WBE policies and procedures to determine specific goals set by the Client. Our second step is to determine utilization breakdowns required. Lastly, we identify all required certifications and/or M/WBE directories to be used for soliciting M/WBE firms and any further breakdowns of percentage goals. Once these steps are completed and we have a clear understanding of all requirements we continue with the following process:

"CrowderGulf has developed a seamless process which allows for the rapid deployment of essential workers, maintained vital communication lines with all parties involved in the cleanup efforts and has strategically allocated resources to the areas of greatest need...They maintain the highest standards in the industry and operate with a level of integrity that is difficult to match."

*Mark Claypoole
Gotus Trucking, LLC*

Steps in the Process:

1. Before any subcontractors are solicited, CrowderGulf compiles a list of local subcontractors from our Database of pre-qualified subs. These companies have either worked for CrowderGulf and are in good standing, have registered with us through our website, www.crowdergulf.com, or have been previously solicited by CrowderGulf. All subcontractors must meet the following requirements to be considered for prequalification:
 - a. Verification through one or more of the following websites:
 - **The System for Award Management (SAM) is a Federal Government owned and operated free web site that consolidates the capabilities in CCR/FedReg, ORCA, and EPLS. SAM is used to review all subcontractors' debarred status prior to approval as a prequalified subcontractor(<https://www.sam.gov/>)**
 - **SBA HUBZone Search-confirmation, (http://dsbs.sba.gov/dsbs/search/dsp_searchhubzone.cfm)**
 - **Dun and Bradstreet, (<https://sso.dnbi.com>)**
 - b. Enroll in the E-Verify program and provide acceptable evidence of enrollment at the time of subcontract execution. Acceptable evidence consists of a copy of the properly completed E-Verify Company Profile page or a copy of the fully executed E-Verify Memorandum of Understanding for the company. For additional information regarding the Employment Eligibility Verification System (E-Verify) program visit the following website: <http://www.dhs.gov/E-Verify>. It shall be the Subcontractor's responsibility to familiarize themselves with all rules and regulations governing this program.
 - c. Obtain and furnish satisfactory evidence of required insurance from a responsible insurer.
2. If specific directories are to be used, CrowderGulf will check the Client website for directory access or contact the M/WBE Office for a list of potential M/WBE firms to be utilized then compare this list to our current list of local prequalified subcontractors to find possible matches.
3. Contact is then made with M/WBE firms that offer services similar to our scope of work. Initial contact is made by phone then followed up by fax and/or email, confirming the phone conversation.
4. Emailed and/or faxed correspondence provides MBE firms with specific details regarding the request, i.e., scope of work directly from the RFP documents, registration and requirements information, and specific deadlines for submittal of these documents to the CrowderGulf M/WBE Subcontracts Manager.
5. Should letters of intent from interested firms and further proof of M/WBE certifications be required by the Client, CrowderGulf will compile the received documentation and review for completeness.
6. Only those firms that have met set deadlines and returned all requested documentations will be considered for inclusion in final proposal to the Client as a responsive M/WBE Firm.
7. All contacted firms are listed in proposal and delegated either responsive or non-responsive and the reason for this status.

"CrowderGulf is a company with great integrity, is extremely dedicated to their customers and their work, and is entirely one of the best contractors we have worked for...there is not a project or request by CrowderGulf we would ever turn down."

*Steve St. George
President
St. George Enterprises,*



8. Should the appropriations assigned to the responsive M/WBE firms not meet the Client's percentage goal, firm percentages will be adjusted and executed by both parties upon mutual agreement.
9. Once the RFP evaluation process is complete and award notices are received, these M/WBE firms are notified of results and any additional documentation is requested to keep in the Client's file.
10. Current CrowderGulf client folders are updated yearly with current local pre-qualified subcontractors as well as M/WBE firm confirmations.
11. Upon Client activation, if any of the proposed local M/WBE firms are no longer able to fulfill assigned goals, CrowderGulf will identify other certified M/WBE firms to replace inactive M/WBE firms to maintain our proposed percentage goals. CrowderGulf will provide a detailed explanation as well as further commitments from other M/WBE certified subcontractors to perform scope of work in lieu of previously committed Subcontractors.

Reporting

With the nature of "Stand-By" event contracts being on an "as needed" basis, utilization/activation of the identified M/WBE firms will be based on CrowderGulf's activation by Client. Should the Client have yearly or quarterly reports to be submitted, CrowderGulf will file the needed reports upon request.

Good Faith Effort

As required by each awarded contract, CrowderGulf will meet or exceed goals and expectations on the local minority workforce population and the utilization of minority professional firms, consultants and/or suppliers. CrowderGulf will maintain all requirements set forth by the County to maintain compliance with **44 CFR 13.36 (e)** and **FEMA Super Circular 2 C.F.R. Chapter 2, Part 200**.

Affirmative Steps Include:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
2. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
3. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and
5. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

Subcontractor Oversight

In the past, CrowderGulf has mobilized over **400** subcontractors with as many as **5,000 people, 2,600 trucks, and 800 pieces of loading equipment**. To assure the same quality control and efficient operations for the County, CrowderGulf's management team will rely on NIMS management protocols to identify the proper number of supervisors for each debris management operation. CrowderGulf is fully prepared to marshal as many Field Project Managers and Debris Supervisors as needed to meet the County's debris management requirements. Project Managers and Field Supervisors will have the direct responsibility to ensure all workers have received the proper safety training and education on Federal Rules and Regulations as they pertain to debris removal operations.

Subcontractors to Include M/SBE

See enclosed a partial list of qualified Subcontractors including M/SBE. A current qualified subcontractor list will be provided to the County for pre-approval prior to an event upon request.

2021 Potential FL Region 1 Subcontractors	Address	City	ST	Zip	SmBus	M/SBEs
814 Sand Inc.	12030 Hwy 77	Panama City	FL	32409	1	2
A & K Septic Tank & Portable Toilets	4720 Minnetonka St.	Pensacola	FL	32526	1	
A.2.B. Trucking	241 Quebec Ave.	DeFuniak Springs	FL	32433		1
Aardvark Debris Removal LLC	200 Hermey Ave	Pensacola	FL	32507		1
AARK Enterprises, Inc.	P.O. Box 510	Vernon	FL	32462		
Abaco Restoration	P.O. Box 15414	Panama City	FL	32406	1	
Aerotech (Florida)	100 West Garden St	Pensacola	FL	32502		
AK Triple E, Inc.	1610 Woodlawn Way	Gulf Breeze	FL	32563	1	
AW Tree and Landscaping Service, LLC	8250 Briese Lane	Pensacola	FL	32514		1
Axis Maintenance Services, LLC.	970 Gulf Shores Dr.	Destin	FL	32541	1	
Azland C&D And Recycling	520 County Clay Pit Road	DeFuniak Springs	FL	32435	1	1
Beachway Contractors, LLC.	365 Campbells Rest Rd	DeFuniak Springs	FL	32433	1	
BEK Group, LLC.	404 North West Street	Pensacola	FL	32505	1	
BKW, Inc.	8132 Pittman Ave	Pensacola	FL	32534	1	1
B-Line Services, LLC. (d.b.a. Brian's Hauling)	4997 Damascus Church Road	Greenville	FL	32440		
Brown's Tree Service and Land Clearing LLC	6514 Cortex St	Panama City	FL	32404	1	
Byrd Enterprise	13536 Hwy 77	Panama City	FL	32409	1	
Capt. Eric's Services, LLC.	3930 Venetian Circle	Panama City	FL	32405		2
Cinch Underground, Inc.	751 Kirkland Rd.	Chipley	FL	32428	1	
Coastal Clearing, LLC.	815 Linda Lane	Panama City Beach	FL	32407		
Construction Materials of NW Florida, Inc.	501 Eglin Parkway NE	Fort Walton Beach	FL	32547	1	
Creek Waste and Recycling LLC	2560 S Hwy 95a	Cantonment	FL	32533	1	1
Cronin Construction, Inc.	913 Gulf Breeze Pkwy, Ste 12	Gulf Breeze	FL	32561		3
Diamond C Debris Removal, LLC.	PO Box 36262	Pensacola	FL	32516	1	
Disposal Services, LLC.	3634 HWY 231	Panama City	FL	32404	1	
Dwight Hicks, Inc.	500 Hamson Ave.	Panama City	FL	32401		
Eager Beaver Professional Tree Care, LLC	2170 Longleaf Dr	Pensacola	FL	32505		1
ESA South, Inc.	1681 Success Dr	Cantonment	FL	32533	1	2
Florida Home Masters, LLC.	1248 Brake Road	Westville	FL	32464		
GB Green Construction Management & Consulting, Inc.	1720 W. Fairfield DR, Ste 507	Pensacola	FL	32501	1	3
Grahams Welding & Fabrication, Inc.	94 Ready Ave. #B7	Fort Walton Beach	FL	32548	1	1
Guide	17119 Perdido Key Dr. #E33	Pensacola	FL	32507	1	
Gulf Coast Landscape	902 Santa Rosa Blvd	Ft. Walton Beach	FL	32548		
Gulf Coast Utility Contractors, LLC	13938 Hwy 77	Panama City	FL	32409		
Gulf Marine Construction, Inc.	1232 N. Pace Blvd.	Pensacola	FL	32505	1	1
H & H Trucking and Tree Service, LLC	4695 N. Hwy. 71	Wewahitchka	FL	32465	1	
Harvest Restoration, Inc.	2689 Bear Circle	Deford	FL	32420	1	1
HighSteele Landscaping and Home Improvement LLC	5113 Bradford Dr	Milton	FL	32571		
Iron Dog, Inc.	10483 NW Gray Rd	Clarksville	FL	32430	1	2
Keith H Fendley	7310 W Jackson St	Pensacola	FL	32506	1	
Kelly Services	5401 Corporate Woods Dr., Ste. 200	Pensacola	FL	32504		
Kevin D. Pugh, Site & Dozer Works, LLC	5731 Stewart Rd	Walnut Hill	FL	32568		2
L&A Logging, Inc.	50 Loggers Lane	DeFuniak Springs	FL	32435		
Landrum Staffing Service	6723 Plantation Rd.	Pensacola	FL	32504		
Long Shot Transporting	13970 State Hwy 20 W	Niceville	FL	32578	1	
Lumber Locators LLC	12 Marlin Court	Santa Rosa Beach	FL	32459	1	
M&J Land and Marine LLC	1016 Buena Vista Blvd	Panama City	FL	32401	1	
Mark Kirkland Construction Services, LLC.	3680 Charmaine Dr. B	Pensacola	FL	32526	1	
Matthews Land Solutions	2846 Merritts Mill Rd	Marianna	FL	32446		
MDX Services LLC	1396 Hwy 71	Marianna	FL	32448	1	
Mike Turner's Vinyl Siding Inc.	5261 Crowson Rd	Pensacola	FL	32526		1
Morgan Marine Salvage & Recovery, LLC	288 Marsh DR	Freeport	FL	32439	1	
Mr. Trash, LLC.	1108 School Ave.	Springfield	FL	32401		
New View Land Clearing	1609 Deer Ave	Panama City	FL	32401	1	
North Florida Land Prep Inc.	11407 Hwy 2301	Youngstown	FL	32466	1	
OCDS 2018, LLC.	2207 East 6th Street	Panama City	FL	32401		
Pate Farms	2331 Horseshoe Loop	Bonifay	FL	32425	1	1
PBrown Builders, LLC	4231 Cherry Laurel DR	Pensacola	FL	32504	1	1
PCE Disaster Contractor, LLC.	4019 Riverside Drive	Panama City	FL	32404	1	1
Pensacola Environmental Services, Inc.	P.O. Box 34450	Pensacola	FL	32507	1	1
Pensacola Tree Service	7085 Frank Reeder Rd	Pensacola	FL	32526	1	
Plant Welding Service Inc.	5774 W. Spencer Field Rd	Pace	FL	32571	1	
Precision Emergency Response LLC	3218 Hwy 98	Mexico Beach	FL	32456		1



CrowderGulf
RFP for Disaster Debris Removal and Disposal Services
Franklin County, FL

2021 Potential FL Region 1 Subcontractors	Address	City	ST	Zip	Smb	MWBEs
Prestwood All-Pro Services, Inc.	8485 Eight Mile Creek Rd	Pensacola	FL	32526		
Prince Contracting, LLC	10065 W. Emerald Coast Pkwy., Ste. B201	Destin	FL	32550		
RBM Contracting Services	PO Box 2174	Santa Rosa Beach	FL	32459	1	
RCG Enterprises, Inc.	1504 W. Intendencia St	Pensacola	FL	32501	1	5
Redmonds, Inc.	8606 Laird St	Panama City Beach	FL	32408		
Register's Enterprises of Bay County, LLC	9323 N. Hwy 231	Panama City	FL	32404	1	
Revelation Construction, LLC	1907 E. 9th St.	Panama City	FL	32401	1	2
Rimax Contractors	108 W. Mallory St.	Pensacola	FL	32501		
River Bend Trucking	2355 Horseshoe Loop	Bonifay	FL	32425	1	1
RME-Diver Commercial Diving LLC	109 Oak Ridge Place	Panama City	FL	32408	1	1
Robbins Contracting, LLC	309 Elm Ave	Panama City	FL	32401		
Rouse Stump Grinding LLC	841 Springtime St.	Wewahitchka	FL	32465		
Ryles Grassing, LLC	PO Box 711	Baker	FL	32531		
Sean McKnight & Sons Landscaping & Tree Service	4200 Langley Ave	Pensacola	FL	32504		
Smith & Associates, LLC	P.O. Box 1084	Gulf Breeze	FL	32562	1	1
Snelling Personnel Services	1613 St. Andrews Blvd.	Panama City	FL	32405	1	1
Solar Recycling	7508 Klondike Rd	Pensacola	FL	32526	1	
Sound Off Audio	15176 NW Magnolia Church Rd.	Althea	FL	32421	1	
Sterling Tree Services, Inc.	8500 Lillian Hwy.	Pensacola	FL	32506	1	2
Superior Waste & Land Clearing	8804 Sonnyboy Ln	Pensacola	FL	32514		
TDT Land, Properties & Equipment, LLC	2545 Commercial Park Dr.	Mananna	FL	32448	1	
Thom Co Enterprises, Inc.	745 Hollywood Blvd., N.W.	Fort Walton Beach	FL	32548	1	4
ThomCo Enterprises, Inc.	745 Hollywood Blvd. NW	Ft Walton Beach	FL	32548	1	1
Tindle Enterprises, Inc.	P.O. Box 969	Freeport	FL	32439		1
Top Flight Mowing, LLC	2243 Cricket Ridge Dr	Cantonment	FL	32533	1	1
Turn Key Marine Services, LLC	646 Anchors St NW #2	Fort Walton Beach	FL	32548		
Waits Landscaping	2601 Wild Lake Blvd	Pensacola	FL	32526		
					54	52

CrowderGulf Letters of Commitment from Subcontractors

CrowderGulf maintains full compliance with current procurement regulations, specifically **44 CFR 206.10** and **2 CFR 200.321**. Currently, we have subcontracts or Letters of Commitment with interested Subcontractors. Copies of the subcontracts or Letters of Commitment can be provided upon request at contract award. CrowderGulf will continue to solicit local subcontractors including M/WBEs from the local area for potential participants.

In addition to Local and MWBE Subcontractors, CrowderGulf has a group of Major Subcontractors that we have worked with for many of our previous activations. These subcontractors meet all FEMA requirements and we consider them an extension of the CrowderGulf Team. Below is a list of the activations that our Major Subcontractors have been involved with over the past 10 years.

Summary of Major Subcontractor Activations for the past 10 Years with CrowderGulf, LLC

Subcontractor	Storm Event	Work Location
ABC Hauling Services / RAL Services Corp. (Miami, FL) (Haul Outs) 26 Activations	2020 Laura	Lake Charles, LA Dequincy, LA West Lake, LA
	2020 Tornado	Nashville, TN
	2018 Michael	Bay Co, FL Jackson Co, FL Lynn Haven, FL
	2018 Florence	Duplin Co, NC
	2017 Harvey	Aransas Co, TX Aransas Co, TX (PPDR)
	2016 Matthew	Hilton Head Island, SC
	2011 Tornado (MO)	Joplin, MO
	2011 Irene	Dare Co, NC
	2008 Ike	Bolivar Peninsula, TX League City, TX
	2005 Wilma	Ft. Lauderdale, FL
All Florida Tree & Landscaping (Coral Springs, FL)	2018 Michael	Panama City, FL
	2017 Irma	Aventura, FL Miami Springs, FL

Subcontractor	Storm Event	Work Location	
(PUSH, ROW Hauling, L & H, ROE Hauling, Stumps, Beach/ Sand) 18 Activations	2016 Matthew	Jupiter, FL	Stuart, FL
	2012 Sandy	Hilton Head Island, SC	Stuart, FL
	2012 T.S. Isaac	Ft. Lauderdale, FL	
	2011 Irene	Key West, FL	
Master Subcontract # 12_9		Newport News, VA	
	2005 Wilma	Ft. Lauderdale, FL	Wellington, FL
		Lazy Lakes, FL	Wilton Manors, FL
		Sanibel, FL	
Ault Enterprises LLC (Bark River, MI) (ROW Hauling, Waterway Debris Hauling) 12 Activations (Master # 16_794)	2005 Rita	Ft. Lauderdale, FL	
	2005 Katrina	Ft. Lauderdale, FL	Pompano Beach, FL
	2004 Frances	Pompano Beach, FL	
	2020 Zeta	Gulfport, MS	
	2020 Laura	Sulphur, LA	
	2018 Michael	FL Dept. of Enviro. Protection	Panama City, FL
	2018 Florence	Onslow Co, NC	Swansboro, NC
	2017 Irma	FL Dept. of Enviro. Protection	(Clay/Putnam, Duval, Volusia/Brevard)
Barnhart Debris Removal (Magnolia, AR) (PUSH, ROW Hauling, Site Work, Haul Outs, L&H, White Goods) 10 Activations Master Subcontract # 17_1217	2017 Harvey	Corpus Christi, TX	
	2016 Matthew	FL Dept. of Enviro. Protection	Hilton Head Island, SC
	2020 Laura	Lake Charles, LA	Calcasieu Parish, LA
		Iowa, LA	Vinton, LA
	2018 Michael	Apalachicola, FL	Panama City, FL
		Carrabelle, FL	Washington Co, FL
		Franklin Co, FL	
	2017 Harvey	Brazoria Co, TX	
Beeghly Tree (Somerset, PA) (ROW Hauling, L&H) 6 Activations Master Subcontract # 20_1871	2020 Zeta	Biloxi, MS	D'Iberville, MS
	2020 Sally	AL DOT	Fairhope, AL
		Baldwin Co, AL	Gulf Shores, AL
Buckeye Landscaping and Sod (Groveport, OH) (ROW Haul, L & H) 10 Activations Master Subcontract # 12_73	2018 Michael	Bay Co, FL	
	2017 Irma	Orange Co, FL	Orlando, FL
	2016 Matthew	Chesapeake, VA	Fripp Island, NC
		Edgecombe Co, NC	Ocean Isle Beach, NC
	2011 Irene	Dare Co, NC	Nags head, NC
	2008 Ike	Montgomery Co, TX	
	2017 Irma	Casselberry, FL	Edgewood, FL
		Lake Mary, FL	Lake Co, FL
C & W Trucking, Inc. (Winter Garden, FL) (Haul Outs) 16 Activations		Orlando, FL	Polk Co, FL
		Sanford, FL	
	2017 Harvey	Brazoria Co, TX	Montgomery Co, TX
	2012 Tornado	Polk Co, FL	
Master Subcontract # 17_1292	2008 T.S. Fay	Brevard Co, FL	
	2005 Wilma	Aventura, FL	West Palm Beach, FL
	2004 Charley, Frances, Jeanne	Brevard Co, FL	Orange Co, FL
	2017 Irma	Jupiter, FL	
Central MN Hardwood Sales, LLC (St Peter, MN) (ROW , Stumps, PUSH) 9 Activations Master Subcontract # 17_1048		Lake Co, FL	
	2008 Ike	Bolivar, TX	Montgomery Co, TX
		Galveston Co, TX	Tiki Island, TX
	2006 Nor'easter	Erie Co, NY	
Congo Corporation (Redmond, OR) (White Goods) 3 Activations Master Subcontract # 17_1025	2005 Wilma	Aventura, FL	Pembroke Pines, FL
	2005 Katrina	Pascagoula, MS	
	2017 Harvey	Friendswood, TX	Montgomery Co, TX
		LaMarque, TX	
Crooked River LLC (Trimble, MO) ROW Hauling 2 Activations	2018 Michael	Panama City, FL	
	2017 Harvey	Dickinson, TX	



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Subcontractor	Storm Event	Work Location
Master Subcontract # 17_1039		
	2020 Sally	Baldwin Co, AL
	2018 Michael	Decatur Co, GA
	2018 Florence	Bald Head Island, NC
DEH Disaster Recovery LLC (Ft. Valley, GA) (ROW Hauling, L&H, Stumps) 21 Activations		Bolivia, NC
		Brunswick Co, NC
		Caswell Beach, NC
		Leland, NC
Master Subcontract # 14_497	2017 Harvey	Aransas Co, TX
		Corpus Christi, TX
	2016 Matthew	Hilton Head Island, SC
	2016 Hermine	Leon Co, FL
	2014 Ice Storm Pax	Berkeley Co, SC
	2020 Zeta	Gulfport, MS
	2020 Sally	Fairhope, AL
	2020 Laura	Lake Charles, LA
		West Lake, LA
	2020 Tornado	Nashville, TN
	2019 Imelda	Montgomery Co, TX
	2018 Michael	Panama City, FL
Dawn Til Dusk Disaster LLC (Bethany, MO) (PUSH, ROW Hauling, Stumps, L & H, ROE Hauling, Beach/ Sand) 29 Activations	2018 Florence	Duplin Co, NC
		Onslow Co, NC
	2017 Harvey	Aransas Co, TX
	2017 Mississippi Tornado	Hattiesburg, MS
	2016 Matthew	Deltona, FL
	2016 LA Flooding	Ouachita Parish, LA
		Central, LA
Master Subcontract # 12_133	2016 Texas Flooding / Misc.	Montgomery Co, TX
		Waller Co, TX
	2015 SC Flooding	SCDOT
	2014 Ulysses - Ice Storm	Greensboro, NC
	2014 AL Tornado	ACCA - Blount Co, AL
	2011 Irene	Dare Co, NC
		Kill Devil Hills, NC
	2008 Ike	Montgomery Co, TX
	2005 Katrina	Pascagoula, MS
	2020 Laura	Lake Charles, LA
	2018 Michael	Bainbridge, GA
		Decatur Co, GA
	2018 Florence	Holly Ridge, NC
		Onslow Co, NC
Dotson & Sons (Higbee, MO) (ROW Hauling, L & H, Stumps) 27 Activations	2017 Irma	Bonita Springs, FL
	2017 Harvey	Aransas Co, TX
		Corpus Christi, TX
	2016 Matthew	Hilton Head Island, SC
	2016 LA Flooding	Central, LA
	2006 Ice Storm	Erie Co, NY
	2005 Rita	Calcasieu Parish / Lake Charles, LA
	2005 Katrina	North Miami, FL
Master Subcontract # 16_725		Pascagoula, MS
	2004 Ivan	Escambia Co, FL
	2004 Charley, Frances, Jeanne	Lee Co, FL
		Orlando, FL
Four Points Recycling (Jacksonville, NC) (ROW Haul) 9 Activations	2018 Florence	Jacksonville, NC
		North Topsail Beach, NC
Master Subcontract # 16_833	2017 Irma	Chatham Co, GA
	2016 Matthew	Curnuck Co, NC
		Duplin Co, NC
		Raleigh, NC
Four R Equipment (Miramar, FL) (ROW Hauling, Haul Outs)	2020 Laura	Calcasieu Parish, LA
	2018 Michael	Panama City, FL
	2017 Irma	Miami Springs, FL
		FL DEP Waterway Cleanup



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Subcontractor	Storm Event	Work Location
13 Activations	2016 Matthew	FL Dept. of Enviro Protection
	2016 Hermine	Tallahassee, FL
	2014 Pax (Ice Storm)	Dorchester Co, SC
Master Subcontract # 12_173	2011 Irene	Newport News, VA
	2008 Ike	Bolivar Peninsula Kemah, TX
	2005 Wilma	Pembroke Pines, FL
	2020 Sally	AL DOT SW Region
Gaston / Wood Resource Recovery (Gainesville, FL) (PUSH, ROW Hauling, Stumps, L & H, DMS Grinding, Haul Outs) 20 Activations	2020 Tornado	Volusia Co, FL
	2018 Michael	Bay Co, FL
	2017 Irma	Panama City, FL FL DEP Waterway Cleanup Flagler Beach, FL Flagler County, FL Ormond Beach, FL Clay County, FL Flagler Beach, FL Flagler County, FL
Master Subcontract #s 17_1468 / 20_1869	2016 Matthew	Ormond Beach, FL Clay County, FL Flagler Beach, FL Flagler County, FL
	2020 Zeta	Gulfport, MS
	2020 Laura	West Lake, LA
	2020 Isaias	Newport News, VA
	2020 Tornado	Nashville, TN
	2019 Imelda	Montgomery Co, TX
	2019 Dorian	Dorchester Co, SC
Gotus Trucking (Harrisville, PA) (ROW Hauling, L & H, Stumps) 23 activations	2018 Michael	Panama City, FL
	2018 Florence	Fayetteville, NC
	2017 Harvey	Aransas Co, TX Corpus Christi, TX
Master Subcontract # 16_666	2016 Matthew	Chesapeake, VA Currituck Co, NC
	2016 LA Flooding	Central, LA
	2016 Tornado	Essex Co, VA
	2005 Wilma	Ft. Lauderdale, FL Wilton Manors, FL
	2005 Katrina	Pembroke Pines, FL
	2020 Sally	AL DOT SW Region Baldwin Co, AL
Gulf Atlantic Construction & Marine (Grand Bay, AL) (DMS Site Work, Haul Outs, Sand, Dredging, Waterway, ROW Hauling) 13 Activations	2020 Cristobal	Harrison Co, MS
	2018 Michael	Bay Co, FL
	2017 Irma	Dauphin Island, AL
	2017 Harvey	Lake Co, FL
Master Subcontract# 17_1052	2017 Nate	Baytown, TX Dauphin Island, AL
Gulf Services (Theodore, AL) (PUSH, ROW Hauling, L&H, Stumps, Site Mgmt, Ditch work, PPDR) 7 Activations	2020 Laura	Lake Charles, LA Sulphur, LA
Master Subcontract # 12_191	2018 Michael	Bay Co, FL Lynn Haven, FL
H2 Construction LLC (Waverly, MO) (ROW hauling, L & H, Stumps) 8 Activations	2018 Michael	Lynn Haven, FL
	2017 Harvey	League City, TX
	2017 Tornado	Hattiesburg, MS
Master Subcontract # 14_219	2016 Matthew	Liberty Co, GA
	2016 LA Flooding	Central, LA
	2014 Ice Storm Ulysses	Greensboro, NC
	2020 Hanna & Beta	Texas General Land Office (GLO)
	2020 Zeta	Gulfport, MS
	2020 Sally	AL DOT SW Region Baldwin Co, AL
Hauling Away LLC	2020 Laura	Lake Charles, LA Sulphur, LA



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Subcontractor	Storm Event	Work Location
(Mobile, AL) (PUSH, ROW Hauling, L&H, ROE Hauling, Stumps, Grinding, Haul Outs, Sand, Demo, Waterway Debris) 77 Activations Master Subcontract # 12_223	2020 Cristobal	Vinton, LA
	2020 Tornado	Dauphin Island, AL
	2019 TX Tornado	Nashville, TN
	2019 Dorian	Richardson, TX
	2019 Imelda	Dorchester Co, SC
	2018 Michael	Montgomery Co, TX
		Bay Co, FL
		FL Dept of Environ. Protection
		Bainbridge, GA
		Jackson Co, FL
		Panama City Beach, FL Panama City, FL
		Decatur Co, GA
		Onslow Co, NC
	2018 Florence	Jacksonville, NC
		North Topsail Beach, NC
	2018 Florida Red Tide	Collier Co, FL
		Sanibel Island, FL
	2017 Irma	Collier Co, FL
		FL DEP Waterway Cleanup
		Hilton Head Island, FL
HDR Trucking LLC (Bamberg, SC) (PUSH, ROW Hauling, Haul Outs, L & H, Demo) 19 Activations Master Subcontract # 14_219	2017 Harvey	Aransas Co, TX
		Texas General Land Office (GLO)
	2017 Maintenance	Corpus Christi, TX
	2017 T.S. Cindy	Dauphin Island, AL
	2016 Matthew	FL Dept. of Enviro. Protection
		Hilton Head Plantation POA, SC
	2016 LA Flooding	Central, LA
	2016 Texas Flooding / Misc.	Newton Co, TX
	2016 Maintenance	Montgomery Co, TX
	2016 Tornado	Corpus Christi, TX
	2015 Flooding-Alabama	Rowlett, TX
		AL DCNR, Baldwin Co, AL
		AL DOT, Baldwin Co, AL
	2015 SC Flooding	SCDOT
	2015 Demolition	Orange Beach, AL
	2015 Fish Kill	Orange Beach, AL
	2015 Texas Flooding / Misc.	Blanco Co, TX
	2015 Severe Storm AL	Corpus Christi, TX
	2014 Tornado	Limestone Co, AL
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations	2014 Maintenance	Blount Co, AL
	2014 Pax (Ice Storm)	Corpus Christi, TX
	2013 T.S. Andrea	Dorchester Co, SC
	2012-2013 Sandy	Gulf Shores, AL
	2012 Isaac	NJ DEP
		Biloxi, MS
		Dauphin Island, AL
		McComb, MS
	2012 Miscellaneous	The Nature Conservancy, AL
	2012 Tornado	Motel 6 - Mobile, AL
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations	2011 Irene	Rocky Mount, NC
	2020 Zeta	Harrison Co, MS
	2018 Michael	Bay Co, FL
		Decatur Co, GA
	2017 Irma	Brevard Co, FL
		Kissimmee, FL
		Lake Co, FL
	2016 Matthew	Callawassie Island, SC
		Fripp Island, SC
		Hilton Head Island, SC
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations	2016 Hermine	Lean Co, FL
	2018 Florence	Onslow Co, NC
	2017 Irma	Orange Co, FL
	2016 Matthew	Flagler Co, FL
	2016 Hermine	Leon Co, FL
	2014 Ulysses - Ice Storm	Greensboro, NC
		Fort Myers Beach, FL
		Kissimmee, FL
		Okeechobee Co, FL
		Polk Co, FL
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations		Sumter Co, FL
		Hilton Head (POA) SC
		Windmill Harbour, SC
		Tallahassee, FL
		Flagler Beach, FL
		Republic Services, TX
		Friendswood, TX
		Limestone Co, AL
		Berkeley Co, SC
		Magnolia, MS
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations		Pascagoula, MS



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Subcontractor	Storm Event	Work Location
Master Subcontract # 14_240	2012 FL Tornado 2012 T.S. Beryl 2011 Irene 2008 Ike 2008 Fay 2020 Laura	Republic Services - Polk Co, FL Nassau Co, FL Manteo, NC Montgomery Co, TX Brevard Co, FL Dequincy, LA Lake Charles, LA West Lake, LA Vinton, LA Nags Head, NC Calcasieu Parish, LA Iowa, LA Sulphur, LA
JTL & S Property Preservation (League City, TX) (ROW Hauling, L & H, White Goods, Freon Management) 21 Activations	2020 TX Winter Storm 2020 Tree work 2019 Marine work 2019 Tornado 2017 Harvey	Friendswood, TX Galveston Co, TX Clean Harbors Montgomery Co, TX Alvin, TX Brazoria Co, TX Dickinson, TX Clear Lake Shores, TX Friendswood, TX League City, TX La Marque, TX Nassau Bay, TX Seabrook, TX Webster, TX West Columbia, TX
Master Subcontract # 17_1020	2020 Sally 2020 Laura	Baldwin Co, AL Lake Charles, LA West Lake, LA Vinton, LA Calcasieu Parish, LA West Calcasieu Port, LA Iowa, LA
Lawn Rescue Plus (Miami, FL) (ROW Hauling, L & H, HaulOuts, Stumps) 32 Activations	2020 Tornado 2018 Michael 2018 Florence	Nashville, TN FL Dept. of Enviro. Protection Lynn Haven, FL Holly Ridge, NC Jacksonville, NC Chattanooga, TN Panama City, FL Parker, FL Onslow Co, NC Richlands, NC Swansboro, NC
Master Subcontract # 16_743	2017 Irma	North Topsail Beach, NC Aventura, FL Brevard Co, FL Cocoa Beach, FL Collier Co, FL FL Dept. of Env. Protection Miami, FL Miami Springs, FL Sunny Isle Beach, FL
LCS Restoration Services LLC (Mobile, AL) (ROW Hauling, L&H) 4 Activation	2017 Harvey 2016 Matthew 2016 Hermine 2020 Laura	Aransas Co, TX Hilton Head Island, SC Leon County, FL Calcasieu Parish, LA DeQuincy, LA Bay Co, FL Windmill Harbour POA, SC Tallahassee, FL Vinton, LA
Master Subcontract#18_815	2018 Michael	Bay Co, FL
McCombs Tree Service (Rockledge, FL) (ROW Hauling) 8 Activations	2018 Florence 2016 Matthew 2016 Hermine 2015 Winter Strom	Onslow Co, NC Brevard Co, FL Leon Co, FL Raleigh, NC Swansboro, NC Cocoa Beach, FL Tallahassee, FL
Master Subcontract# 15_295	2012 TS Beryl	Nassau Bay, FL
Michael's Tree Services (Memphis, TN) (ROW Hauling, L & H, DMS Site Work) 10 Activations	2020 Sally 2018 Michael 2017 Irma	Fairhope, AL Jackson Co, FL Lauderdale by the Sea, FL Polk Co, FL Sunrise, FL Tarpon Springs, FL Wilton Manors, FL
Master Subcontract # 17_1042	2020 Zeta 2020 Laura 2018 Michael 2017 Irma 2017 Harvey	Plantation, FL Gulfport, MS Calcasieu Parish, LA Bay Co, FL FL Dept. of Enviro. Protection Montgomery Co, TX Dickinson, TX Port Arthur, TX
New Gen Environmental Group / Bil- Jim Construction (Toms River, NJ) (ROW Hauling, Dredging, Demo, Waterway) 11 Activations	2016 Matthew 201-13 Sandy 2020 Zeta	Fayetteville, NC State of New Jersey Audubon Institute, LA Raleigh, NC
Master Subcontract # 17_1024		
Reclaim It Enterprises		



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Subcontractor	Storm Event	Work Location
(Greenville, TN) (PUSH, ROW Hauling, L & H, Haul Outs) 13 Activations Master Subcontract # 18_362	2020 Delta	Iowa, LA
	2020 Sally	Orange Beach, AL
		Spanish Fort, AL
	2020 Laura	Lake Charles, LA
		Sulphur, LA
	2018 Michael	Jackson Co, FL
		Lynn Haven, FL
	2011 Irene	James City Co, VA
	2020 Zeta	Gulfport, MS
	2020 Laura	Lake Charles, LA
S. St. George Enterprises (Fredonia, NY) (PUSH, ROW Hauling, L&H, Grinding, Stumps, Haul Outs, Site Work) 68 Activations Master Subcontract # 13_376	2020 Tornado	Nashville, TN
	2018 Michael	Bay Co, FL
		Jackson Co, FL
		Lynn Haven, FL
		Decatur Co, GA
	2018 Florence	Brunswick Co, NC
		Bolivia, NC
		Caswell Beach, NC
		Leland, NC
		Holly Ridge, NC
Statewide Tub Grinding/ WLW (Apopka, FL) (PUSH, ROW Hauling, Stumps, Haul Outs) 16 Activations Master Subcontract # 15_616		Sandy Creek, NC
		Navassa, NC
		Swansboro, NC
	2017 Irma	Bonita Springs, FL
		Edgewater, FL
		Flagler Co, FL
		Lake Mary, FL
		Lake Co, FL
		Lee Co, FL
	2017 Harvey	Aransas Co, TX
Steadfast Services / Slick Machines (Cumming, GA) (ROW Hauling, Site Grinding, Haul Outs, Sand, Concrete) 4 Activations Master Subcontract# 17_1031 Total Urban Forestry, LLC (Ocala, FL)		San Patricio Co, TX
		Hilton Head Island, SC
		Windmill Harbor POA, SC
	2014 AL Tornado	ACCA- Blount Co, AL
	2014 Pax - Ice Storm	Berkeley Co, SC
	2011 Irene	James City Co, VA
		York Co, VA
	2005 Dennis	Bay Co, FL
	2005 Wilma	Ft. Lauderdale, FL
	2005 Rita	Calcasieu Parish / Lake Charles, LA
	2005 Katrina	Aventura, FL
		Daphne, AL
		Lazy Lakes, FL
	2004 Ivan	Escambia Co, FL
	2018 Michael	Apalachicola, FL
		Franklin Co, FL
	2017 Irma	Fort Myers, FL
		Lake Co., FL
	2016 Matthew	Brevard Co, FL
		Ormond Beach, FL
	2008 Ike	Galveston Co, TX
		La Marque, TX
	2005 Wilma	Ft. Lauderdale, FL
	2017 Harvey	Port Arthur, TX
	2011 Deep Water Horizon Oil Spill	Obrien's BP Oil Spill AL
	2008 Ike	Bolivar. TX
	2020 Zeta	Harrison Co, MS
		Gulfport, MS
	2020 Sally	Okaloosa Co, FL



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Subcontractor	Storm Event	Work Location	
(PUSH, ROW Hauling, DMS Site Work, Stumps, L & H) 11 Activations Master Subcontract # 16_780 Waterfront Recovery LLC (Rockledge, FL) Waterway Debris 3 Activations Master Subcontract # 17_966	2018 Michael	Jackson Co, FL	
	2017 Irma	Ocala, FL	Tarpon Springs, FL
		St. Petersburg, FL	The Villages
	2016 Matthew	Flagler Co, FL	Palm Coast, FL
	2018 Michael	FL Dept. Of Enviro. Protection	
	2017 Irma	FL Dept. Of Enviro. Protection	
	2016 Matthew	FL Dept. Of Enviro. Protection	
	2020 Zeta	Pascagoula, MS	Jackson Co, MS
	2020 Sally	Atmore, AL	Baldwin Co, AL
		AL DOT SW Region	Orange Beach, AL
		Bay Minette, AL	
	2020 Laura	Alexandria, LA	
	2020 Tornado	Nashville, TN	
	2018 Michael	Parker, FL	
	2018 Florence	Bolivia, NC	Northwest, NC
		Brunswick Co, NC	Oak Island, NC
		Caswell Beach, NC	Sandy Creek, NC
		Leland, NC	Shallotte, NC
		Navassa, NC	Vannamtown, NC
	2017 Irma	Bonita Springs, FL	Fort Myers,
		Estero Village, FL	Lee Co, FL
		FL DEP	
	2016 Matthew	Berkeley Co, SC	Hilton Head Island, SC
		Brevard Co, FL	Long Cove POA, SC
		FL Dept. of Environmental Protection	Thunderbolt, GA
		Garden City, GA	
	2014 Tomado	ACCA - Blount Co, AL / DeKalb Co, AL	
	2014 Pax (Ice Storm)	Dorchester Co, SC	Berkeley Co, SC
	2012-2013 Sandy	NJ DEP - Land and Water	
	2012 Isaac	Biloxi, MS	McComb, MS
Zehendner Disaster Relief (Princeton, MO) (PUSH, ROW hauling, L & H, Stumps, Haul Outs, Beach Sand, Demo) 90 Activations Master Subcontract # 12_470		Magnolia, MS	Pascagoula, MS
	2011 Tornado (AL)	Walker Co, F & J	
	2011 Irene	Edenton, NC	Robersonville, NC
		Edgecombe Co, NC	Rocky Mount, NC
		James City Co, VA	Williamston, NC
		York Co, VA	NCDOT - Various
	2011 Tomado (MO)	Joplin, MO	
	2010 BP Oil Spill	Alabama Coast	
	2008 Ike	Alvin, TX	La Marque, TX
		Bayou Vista, TX	Manvel, TX
		Bolivar Peninsula, TX	Pearland, TX
		Brookside Village, TX	Santé Fe, TX
		Clear Lake Shores, TX	Texas City, TX
		Galveston Canals, TX	Tiki Island, TX
		Galveston Co, TX	TX GLO Sand
		Kemah, TX	Texas GLO - Henderson Hole
	2006 Ice Storm	Erie Co, NY	
	2005 Wilma	Ft. Lauderdale, FL	West Palm Beach, FL
		Lee Co, FL	Wilton Manors, FL
		Pembroke Pines, FL	
	2005 Rita	Calcasieu Parish, Lake Charles, LA	
	2005 Katrina	Baldwin Co, AL	Orange Beach, AL
		Biloxi, MS	Pascagoula, MS
		Gulf Shores, AL	
		Gulfport, MS	
	2005 Dennis	Atmore, AL	Destin, FL
		Flomaton, AL	Walton Co, FL
		Baldwin Co, AL	



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Subcontractor	Storm Event	Work Location
	2004 Ivan	Baldwin Co, AL
	2004 Charley, Frances, Jeanne	Lee Co, FL

➤ Quality Control

The purpose of a quality control plan is to provide guidance and consistent attention to workplace policies and procedures in order to facilitate efficient, effective and safe debris removal and reduction. **CrowderGulf's success in managing quality is achieved by our commitment and attention to the people, processes, and procedures involved in our projects. This starts with identifying and communicating the following Fundamental Values to Quality Control Success:**

- Assurance of open and honest communication with clients at all levels in order to foster a clear and mutual understanding of expectations and promote mutual respect.
- Commitment to high quality standards - "Lead by Example".
- Dedication to staff training and education at all levels to ensure correct and safe performance of their tasks.
- Implementing "Clean As You Go" policy for every task

Our complete QC plan will be provided upon request.

"Clean As You Go"

This concept is the centerpiece of our Quality Control Plan. "**Clean As You Go**" is a simple concept that is defined as doing the best job possible the first time to reduce the necessity for redoing any work. This policy does not preclude contracted multiple passes. It simply implies that **all** the debris will be removed on every pass, regardless of the number of passes required by the County. This philosophy is especially important for debris work during emergencies or major disasters where restoration of critical public functions is the highest priority.

CrowderGulf was the debris contractor that first coined the term "**CLEAN AS YOU GO**", over 14 years ago. Recently, the term has been used by other contractors and by municipalities in their RFPs. All CrowderGulf employees, subcontractors and consultants are expected to abide by this policy.

Inspections

To assure the quality and timeliness of work, CrowderGulf will use a hierarchy of assigned inspection responsibilities based on the nationally recognized Incident Command System (ICS). This arrangement limits the respective spans of control to appropriate levels and has proven to facilitate optimum performance.

Security

CrowderGulf will restrict general access to its DMS operations to essential company and County personnel for both security and safety. Managers and supervisors will be granted access to a site(s) based upon their duties, responsibilities and spans of control. Operating personnel will be granted access to sites relevant to their respective tasks.

Maintenance

CrowderGulf follows manufacturer's maintenance recommendations on all of its equipment. CrowderGulf systematically performs "routine maintenance" appropriate to each item of equipment. This maintenance is reported on an equipment log that is retained for the life or ownership of the equipment. CrowderGulf's maintenance system uses its employee or contracted full-time mechanics and/or oilers for daily and routine maintenance. Heavy maintenance and/or major repairs of company-owned equipment are performed by heavy equipment maintenance firms under contract with CrowderGulf.

Knowledge and Training

CrowderGulf's Quality Control Manager will conduct briefings and de-briefings no less than once a day for the team managers and weekly for supervisors. Organizational and functional relationships will be thoroughly reviewed with supervisory personnel on an on-going basis. CrowderGulf employs debris-experienced equipment operators, foreman, supervisors, and subcontractors. In accordance with these established practices, CrowderGulf supervisors will evaluate the knowledge and debris experience of each operator and subordinate employees, regarding the specifics of his or her assigned tasks, to determine if the employee requires additional training.

➤ Health and Safety

CrowderGulf's Philosophy of Safety

All company operations are managed with an aggressive and proactive commitment to the safety and well-being of employees, subcontractors and the public at large. We believe that this commitment to safety must go hand-in-hand with our commitment to quality production and cost efficiency. CrowderGulf believes that ALL injuries and accidents are preventable through the establishment of and compliance with safe work procedures. Therefore, the prevention of bodily injury and the safeguarding of health are the first considerations in all workplace actions and are the responsibility of every employee and subcontractor at all levels.

This philosophy is reinforced and fulfilled as defined below:

- The CrowderGulf Safety Plan for the County shall be in place at all times to provide mandated directives, required actions, procedures and guidance for all levels of employees from initial response to final closure. The Safety Plan is intended to ensure that all employees work safely and remain safe.
- At all times, CrowderGulf will comply with appropriate safety/ security laws and regulations such as those established by:
 - The Occupational Safety and Health Act (OSHA),
 - The EPA (Environmental Protection Agency),
 - The DOT (Department of Transportation),
 - All other applicable federal, state and local safety and health regulations, and any additional safety standards required by the County

"I would like to take this opportunity to thank you and your crews for the industrious work performed for our City as a result of Hurricane Ike. Your crews should be commended for accomplishing such a monumental task in a short period of time."

Toni Randall, Mayor
League City, TX

Corporate Commitment to Safety

CrowderGulf is committed to providing an accident free experience for our employees, subcontractors, visitors to our work sites and to the public we encounter during the execution of our projects. Our leadership team is firmly committed to the belief that "All Accidents Are Preventable". To emphasize our commitment to achieving an accident free experience in every CrowderGulf project, the company's senior executive, Mrs. Ashley Ramsay-Naile, serves as the senior Safety Official. Mrs. Ramsay-Naile's personal attention to CrowderGulf's safety, health and accident prevention performance establishes an absolute standard of top priority for all personnel throughout the organization.

Many companies have written safety plans for individual safety topics, but few have a comprehensive plans designed to drive all company operations. CrowderGulf's corporate commitment to safety starts with its written Health and Safety Plan and includes all facets of company planning and operations. Our complete 368 page CrowderGulf Health and Safety Plan is available upon request.

Safety Performance Summary

CrowderGulf takes tremendous pride in our safety record. Since 2012, CrowderGulf has received no citations, notifications or violations, pertaining to OSHA, or state OSHA. In that time period, CrowderGulf has worked approximately 959,341 and experienced a total of 3 recordables, which is well below industry standards and the last recordable incident took place in 2011. CrowderGulf believes that providing the safest possible work environment is most beneficial for the company, and our clients. CrowderGulf employs a full time safety manager and maintains an up to date, all-inclusive safety manual pertaining to all of CrowderGulf's vast job scope.



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We also believe that training, communication and monitoring are the best ways to obtain a safe work environment. CrowderGulf policy is that daily tool box meeting are mandatory, and the JSA process is to be used as a communication tool for our workers. Every person involved in a CrowderGulf project has not only the right, but the responsibility to stop the job if an unsafe act or situation is discovered, or if there is a need for more understanding of the work process. These factors have allowed us to perform above average in regards to our safety record.

Year	Hours Worked	OSHA Recordable	Days Away From Work Cases	R.I.F Rate (Recordable Incident Frequency)	D.a.r.t. Rate (Days Away, Restrictions, or Transfers)
2020	177,820	0	0	0	0
2019	189,433	0	0	0	0
2018	173,960	0	0	0	0
2017	148,975	0	0	0	0
2016	111,243	0	0	0	0
2015	94,222	0	0	0	0
2014	89,478	0	0	0	0
2013	92,630	0	0	0	0

As of January 1, 2021 CrowderGulf has completed the last 3,589 days of work recordable free.

We have included our most current **OSHA Form 300A – Summary of Work-Related Injuries and Illnesses** as additional documentation of our exemplary safety record. Previous year's forms can be provided upon request

OSHA's Form 300A
Summary of Work-Related Injuries and Illnesses Year: 2020 Form reference OSHA-300A (2-18-07)

All establishments covered by part 1904 must complete this Summary page every 12 months, within 90 days of the end of the year covered by the year-to-year period to report on, to verify that the entries are complete and accurate before submitting this Summary. Using the 12-month period the individual entries you made for each Category. Then enter the totals below, making sure you've added the entries from every page of the log. If you had no cases, enter "0". Employees, contractors, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 300A as appropriate. Use 29 CFR 1904.41 for further details on the access permissions for each entry.

Number of Cases	Number of Days	Injury and Illness Types
Total number of cases 0	Total number of days away from work 0	Total number of cases (a) Injuries 0 (b) Illnesses 0 (c) Skin Diseases 0 (d) Respiratory Conditions 0 (e) All other illnesses 0
Total number of cases with days away from work 0	Total number of days away from work 0	Total number of days away from work 0

Facility Information

Establishment name: CrowderGulf
Street: 3025 Commerce Blvd East
City: Maitland
State: FL
Zip: 32751
Mailing description:
Standard Industrial Classification (SIC) of major division:
Employment Information (if you don't have these figures, use the defaults in the back of OSHA Form 300A for estimates)
Average number of full-time employees:
Total hours worked by all employees last year: 177,820

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

Date: 5/11/22

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

PURCA, reporting system for the submission of information is essential to ensure 50 states, DC, territories, including the District of Columbia, Puerto Rico, and the U.S. Virgin Islands, and the collection of information. Purca's reporting system is designed to be responsive to the needs of information users. It displays a summary of OSHA cases, including the OSHA Form 300A, and provides information on the status of cases. For more information on the system, contact the OSHA Office of Statistics, Room 4-3544, 200 Constitution Avenue, NW, Washington, DC 20540. You can also contact the OSHA Office of Statistics at 202-693-1400.

CrowderGulf's Site Specific Safety Plan

The Accident Prevention Plan (APP) and Site Safety and Health Plans (SSHP) for the County shall include the following commitments:

- Maintaining a safety and health program that meets the requirements of OSHA and all applicable laws.
- Equipping employees and subcontractors with the required safety equipment, hard hats, clothing, and other safety materials necessary to perform specific work tasks.
- Preparing an Accident Prevention Plan (APP) and Site Safety and Health Plans (SSHP) to inventory and address specific work hazards.
- Providing employees and subcontractors with continuing safety and health training necessary to enable them to perform their work in a safe manner.

- Assuring that at no time, while on duty, May employees or subcontractors be under the influence of alcohol, narcotics, intoxicants or mind-altering substances. Violations of this policy may result in immediate dismissal.
- Assuring that employees and subcontractors be required to immediately report all accidents, injuries, and "near misses" to their supervisor.
- Conducting safety meetings to review past activities, plan for new or changed operations, review hazard analyses and establish safe working procedures.
- Communication of Health, Safety, Security and Environment (HSSE) standards will take place in orientation trainings, safety meetings specific to individual situations, daily tool box meetings, memo's and other ways CrowderGulf deems appropriate.
- Assuring that all associates, regardless of position know that they have the right to "Stop the Job" in the event of a HSSE deficiency.
- Conducting Job Hazard Analyses (JHA) to define the activities being performed, the sequences of work, the specific hazards anticipated, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level.

A list of local Hospitals, Police Stations, and Fire/Emergency Response Stations will be provided as part of the Safety Plan after project activation.

SAFETY WILL BE THE PARAMOUNT CONCERN AT ALL TIMES

➤ Environmental Sensitivity

CrowderGulf is committed to unequivocal protection of the environment at all work sites and surrounding areas. This is accomplished by attention to organizational, operational and performance details. CrowderGulf personnel or subcontractors assigned to specific contractual duties that substantially impact environmental quality (i.e., incinerator operators) will have the quality of their work continually evaluated by a senior supervisor. Employees with duties partially or indirectly applicable to environmental protection will have those duties evaluated daily, whether relating to noise, smoke, dust, traffic, drainage or general containment actions or containment actions specifically related to hazardous materials.



Regulatory Permits and Compliance

CrowderGulf will ensure all applicable permits are obtained before work is started, including but not limited to the following:

- Air Quality
- Forestry
- Storm Water
- Reclamation of Surface Mining Sites
- Ground and Surface Water
- Local Health Department Permits

We work in full regulatory compliance with all agencies involved in disaster recovery including, but not limited to:

- Federal Emergency Management Agency (FEMA)
- Federal Highway Administration (FHWA)
- Environmental Protection Agency (EPA)
- United States Coast Guard (USCG)
- United States Army Corps of Engineers (USACE)
- Florida Department of Environmental Protection
- Florida Department of Health
- Florida Department of Transportation

Environmental and Historic Considerations

State and local regulations, laws and ordinances will be addressed and followed for all environmental and historic preservation issues. The following list provides a brief review of the primary Federal laws which must be considered during debris management practices.

- National Environmental Policy Act
- Clean Water Act
- Clean Air Act
- Coastal Barrier Resources Act
- Resource Conservation and Recovery Act
- Endangered Species Act
- Coastal Zone Management Act
- Fish and Wildlife Coordination Act
- Wild and Scenic Rivers Act
- Executive Orders
- National Historic Preservation Act



Specific Environmental Concerns

Spills or Leaks

Should a spill or leak occur during performance of this contract, CrowderGulf will report the spill or leak to the County. CrowderGulf shall be responsible for cleaning up all spills in compliance with federal, state, and local laws and regulations and at no cost to the County or other government entities.

Asbestos Containing Materials

CrowderGulf is experienced and capable of managing the removal of asbestos containing material. If asbestos is encountered during a recovery effort for the County, CrowderGulf will utilize its resources to ensure all asbestos related activities are in accordance with Environmental Protection Agency (EPA) requirements, specifically the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61, Subpart M.

CrowderGulf staff will always comply with all environmental laws and regulations. CrowderGulf will conduct all debris operations outlined in this proposal to meet the program standards provided for in **FEMA Public Assistance Program and Policy Guidelines**. In addition, CrowderGulf will conduct all debris related operations in accordance with all applicable federal, state, and local laws, rules and/or regulations.

➤ Public Relations

After a disaster, residents want answers regarding recovery operations. CrowderGulf will work closely with the County to ensure that the residents are given accurate and timely information for their use and own individual planning purposes.

Developing a Public Information Campaign

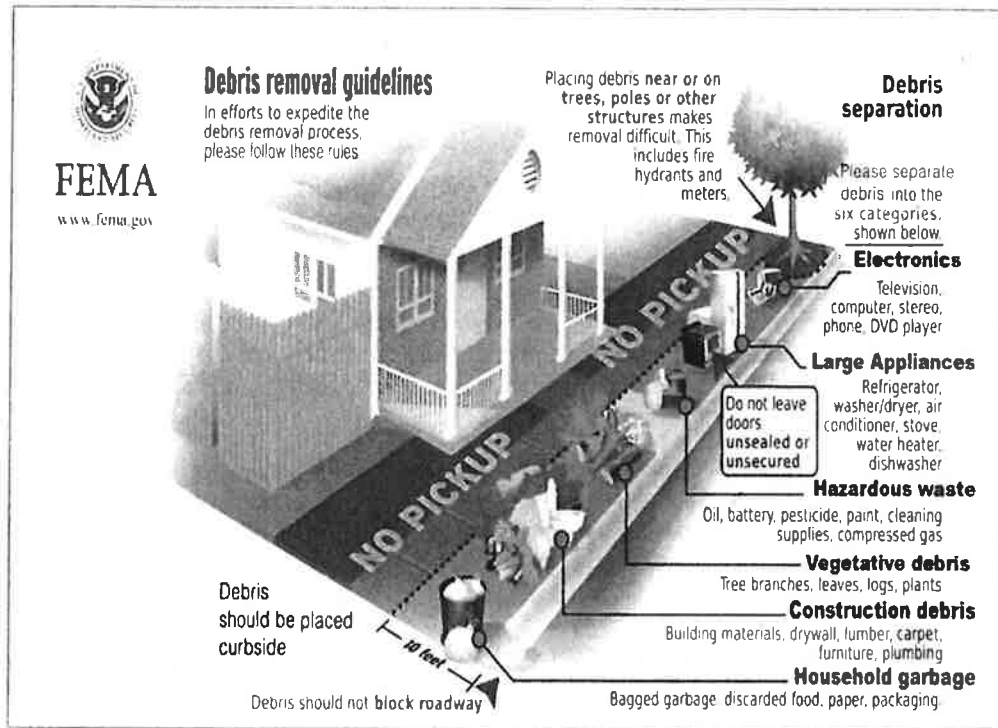
Experienced CrowderGulf personnel will be available to assist the County in the development of a public information campaign. The information could include the parameters, rules and guidelines of debris operations so residents can begin their personal recovery activities. The language used will be simple and easy for all residents to understand. Materials and information may be distributed in more than one language for it to be understood by non-English-speaking populations and neighborhoods.

Distribution Strategy

The following are suggested vehicles for distributing the information:

- **Media** – Local television, radio, newspapers, or community newsletters
- **Internet Site** – Franklin County website
- **Public Forums** – Interactive meetings at town hall or shopping area kiosks
- **Direct Mail Products** – Door hangers, direct mail, fact sheets, flyers within billings, and billboards

Sample Flyer that can be distributed to local media outlets to assist citizens in properly segregating their debris curbside:



Updates and Redistribution

The public information strategy will be able to address changes and revisions as debris removal operations progress. During the early stages of the operations, distribution may rely on the immediate transmission of the information through radio and television, to update the general public regarding the debris removal operations. Once operations become more routine and predictable, the information can be distributed through the print media, such as newspapers, mailings, and flyers.

Debris Information Center

CrowderGulf can assist the County in establishing a temporary debris information center to address concerns and complaints, and answer questions that are not included in the public information campaign at-large. The debris information center may also be utilized to report fraud. Regardless of the venue, it will be important to address the residents' concerns, complaints, and questions in a timely and efficient manner. Feedback from the information center will give the Management Team an indication of how effective and efficient the operations are progressing. The County and the On-Site Management Team may use this information to adjust operations appropriately.

3. Scenarios

The County's RFP has requested information regarding CrowderGulf's ability to respond and mobilize resource as it relates to the given scenarios. The following scenario response plans are provided as examples of CrowderGulf's experience and ability to respond to any disaster scenario with the appropriate commitment of human and equipment resources.

SCENARIO 1. SPOT JOBS – LOCALIZED

For this type of event, CrowderGulf will use its local resources to meet the County's project needs. Regardless of the scope of work we will provide experienced managers with the proper equipment and necessary resources needed by the County. If required, we will have resources and manpower capable of clearing critical routes and removing hazardous leaners and hangers within 12-24 hours of a Notice to Proceed (NTP). An experienced Project Manager will arrive on scene within 4 hours of notification of need (or earlier as directed by the County) and begin a damage assessment as directed by the County. Damage assessment will include documentation in the form of photographs, video and project sectoring / mapping.

Based on the damage assessment, the Project Manager, in consultation with the County's Debris Manager, will prepare a response plan delineating specific equipment and personnel needs to accomplish the County's objectives. Depending on the scope of work in this scenario, the response plan will be complete and ready for County approval within 12-24 hours. Based on preliminary discussions with the County and the County's approval of the response plan, CrowderGulf's Project Manager will mobilize crews with appropriate equipment to accomplish the work in a timely and orderly manner. If hauling is required, our Project Manager will coordinate with the County and their monitoring company to establish a timeline for the project. This will include monitor training, truck certification and the location a DMS (if required), any necessary permits and or testing.

Field Supervisors, quality control and safety personnel will oversee and document each work site and provide close coordination between the field work and the County & Monitoring Firm. CrowderGulf's Project Manager will provide status reports to the County. All of CrowderGulf's debris removal efforts will be documented daily and available to the County to review via a secure website. This type of transparency and accountability enables the County to remain informed of disaster expenditures and the efficiency of the debris removal process.

There may be as few as one to two crews assigned or a multitude of teams assembled as determined by the Project Manager and the County representative during the preliminary damage assessment. Depending on the need and specific tasks, each crew may consist of the following:

- Two pieces of rubber-tired pushing / loading equipment such as backhoe loaders, rubber tired front-end loaders, and skid steer loaders with operators
- Two - three chain saw operators, laborers, and flaggers with transport vehicles
- Three – five 16 to 20 cubic yard capacity dump trucks and/or two to four 35- 55 cy self-loading trucks with drivers
- One Quality Control/Foreman with communications capability and pickup truck
- If needed, a minimum of one professional Arborist and at least one-two crews of Tree Removal Specialists to assist in tree and limb removal and stabilization projects. Tree crews will use their expertise in stabilizing and or removing hazardous trees utilizing specialized equipment and proven techniques.

Depending on the amount of damage throughout the County and the direction given to CrowderGulf, crews may simultaneously begin removal efforts in different areas of the County to augment Franklin County crews and remove the debris as quickly as possible. This effort will demonstrate a presence throughout the County and enhance overall citizen satisfaction. Pending approval of the County, CrowderGulf will operate debris loading and hauling during daylight hours, seven (7) days a week.

Actual Examples

CrowderGulf has successfully completed many jobs with a similar scope of work as described in Scenario 1. In 2017, following Hurricane Irma, CrowderGulf assisted Coleman, Florida in the removal of 3,030 cubic yards of debris. CrowderGulf removed and disposed of vegetation, mulch and six stumps. The reduction was by grinding and the County self-monitored all operations. CrowderGulf assisted in the reconciliation and documentation process, working directly with the County to provide all needed information for FEMA reimbursement.

In 2015, the City of Friendswood, TX activated CrowderGulf to help recover from a tornado that impacted part of the City. CrowderGulf removed approximately 9000 cubic yards of debris in 7 days with 145 loads hauled directly to the final disposal. Another example includes two 2015 activations in Corpus Christi, TX, to help the City recover after flooding and high wind events. These activations involved removal and hauling vegetative & C&D debris to final disposal.

Documentation

Typically, this type of work may begin during the "emergency clearance" phase of an event in which a formal declaration may not have been made or when a client does some of the initial cleanup work but wants to finish within a short timeframe. Regardless of the size, type or timing of the work, it is critical to collect and maintain accurate documentation of damages and of recovery work. Throughout the project, CrowderGulf will document all work in compliance with the Public Assistance Program and Policy Guide (incorporating FEMA 325) regulations. Our documentation may include; before and after photographs of the damaged areas to include aerial photos taken by drone, maps, and if the tasks require, indemnification agreements for work involving private property.

All hours, equipment and materials will be documented daily on forms consistent with FEMA requirements and be compatible with the County's capabilities for downloading and accessibility. These forms will be validated at the close of each day by Field Supervisors and the Project Manager, and the County's Debris Manager/representative to gauge the progress and plan for continued debris removal efforts. All documentation will be reviewed and reconciled with the County and or their monitoring contractor prior to invoicing. In the event that hauling is required, truck certification forms and load tickets will be utilized, reviewed and double checked for accuracy and legibility. All documentation will be maintained by CrowderGulf for 7-10 years.

SCENARIO 2. SMALL EVENT – WIDESPREAD OR COUNTYWIDE

Response

All procedures that are included in the previous Scenario will also apply to Scenario 2. In addition, our resources will be provided in greater quantities and we will stage the necessary equipment in the County at pre-determined locations (usually pre-identified during our site visits or as determined during yearly preparedness training sessions) identified by Project Management team and approved by the County. If requested, we will have a project manager present in the County's Emergency Operation Facility prior to the event. After conducting a damage assessment, CrowderGulf will start its forces in numerous areas throughout the County. Equipment resources are based on the amount of determined damage and the size of the area affected. The area will be sectioned in grid format and crews and equipment will be assigned to each of the affected areas. Debris removal equipment along with ground crews, tree crews, and bucket trucks for removing leaners and hangers and traffic control teams will be used for this event.

It may be determined a Debris Management Site (DMS) are needed to facilitate debris removal and reduction. In order for debris hauled to a DMS to be FEMA eligible for reimbursement it must be reduced before hauling to final disposal. Debris brought to a DMS facility will be sorted to remove recyclable materials and materials not suitable for reuse. The materials not re-useable will be reduced (either by grinding or as directed by the County) or may be taken to an approved final disposal facility.

Whether CrowderGulf provides the DMS facility or utilizes pre-existing sites, our goal will be to have the DMS fully functional within 48 hours of a NTP. Each DMS site will be photographed and soil testing (if required) and monitoring will be performed throughout the use of the site facility. Land use development will include roads for safe ingress, and egress, proper segregation of materials, construction of monitoring towers and/or other necessary facilities.

Staffing for the DMS will include a site manager, a segregation crew which consists of one foreman, one equipment operator, two laborers and a skid steer, safety personnel and tower monitors. The Project Manager along with our Reduction Specialist and Safety Coordinator will develop site specific plans for each DMS facility.



These plans will include site layout, copies of any necessary permits and land use agreements as well as the site specific safety and environmental plan. CrowderGulf Public Information specialists will work with the Town and the assigned Project Manager to provide debris removal information in the form of press releases to assist the Town in communicating the debris removal schedules to the citizens. At the completion of the project, all remaining debris will be removed and either taken to a recycle facility or for final disposal. Land used for the DMS will be returned to its original condition and the County will be provided with all necessary documentation on the site reclamation.

All work will be conducted and documented in compliance with **FEMA Public Assistance Policy** regulations.

CrowderGulf's Debris Operations Plan provided in this proposal outlines specific details of both response and recovery field operations, from mobilization through documentation.

Actual Examples

Early in 2015, the City of Raleigh, NC, activated the pre-event contract and called on CrowderGulf to assist the City's resources in debris removal operations within the City. Our Director of Operations, Nick Pratt, assisted the City with preliminary assessment and immediately mobilized equipment and resources to the area to begin debris removal operations. The operation consisted of debris pickup from rights-of-way. CrowderGulf removed approximately 30,000 cubic yards of debris during the week long project.

After 2011, Hurricane Irene, CrowderGulf was activated by Newport News, VA, to conduct debris operations. As part of our normal operating procedures, after an initial damage assessment, we began working simultaneously in all eight areas of the City that were damaged. This approach helped residents see that the City was taking the necessary steps to quickly remove the debris. CrowderGulf removed 85,000 cubic yards of debris with 20 trucks in three weeks and reduced the debris by grinding at a City-owned property where CrowderGulf developed a DMS. At the end of the project, this property was returned to its original condition at no extra cost to the City of Newport News.

The reduced debris from this project was recycled as much as possible by giving it to private residents, using it at the City's compost site, and by taking it to paper mills within the area. The remainder was taken to the final disposal site where much of it was used as a cover within the landfill. All of this work was carefully documented to ensure FEMA reimbursement.

SCENARIO 3. SIGNIFICANT EVENT – REMOVAL, REDUCTION, HAULING WOODY DEBRIS ONLY – WIDESPREAD OR COUNTYWIDE

Response

In addition to the response procedure described for Scenario 1 and 2 events, this event may require more than one DMS, depending on how widespread the damage may be. Depending on the details of each site, reduction may be done by burning, grinding or both, depending on Franklin County's desired method of reduction. Each site will operate independently and have its own manpower and equipment (as described in Scenario 2). In addition, several pieces of heavy equipment, grinders and or air curtain incinerators with operators may be added to the DMS. Flaggers will be used at the entrance and exit points to assist with traffic control into and out of the facility. The DMS will be fully functional within 48 hours of a NTP and reduction by grinding or burning will start within 72 hours of receiving debris.

As with Scenario 2, debris will be removed and properly disposed at designated facilities and plans, testing and site documentation will be administered. Any damage to the DMS would be remediated at the completion of the project. All cleanup operations will be documented in accordance with FEMA and County requirements and in accordance with environmental regulations. All work will be conducted and documented in compliance with **FEMA Public Assistance Policy** regulations.



ACTUAL EXAMPLES

This type of event is similar to the operation we successfully completed in 2017 for League City, Texas, following Hurricane Harvey. Hurricane Harvey produced unprecedented rainfalls throughout the City. Parts of the community endured as estimated 49.84 inches of rain in five days, equaling nearly a year's worth of rain. Prior to flood waters receding, CrowderGulf had boots on the ground in the State of Texas. Our project management team provided debris assessments to our clients and brought skilled response crews into the State to immediately begin work as flood waters receded.

CrowderGulf worked with the City of League City to section off the City and provide debris removal resources in all seven of their identified "hardest hit" areas, simultaneously. CrowderGulf utilized 22 hauling units and disposed of the debris at two identified disposal facilities. CrowderGulf removed 11,461 cubic yards of vegetative debris, 3,209 white goods, 3,491 E-waste items and 109,220 lbs. of House Hold Hazardous Waste. This project was monitored by Tetra Tech.

Rocky Mount, NC, after Hurricane Irene is another example of similar work. We hauled in 253,360 cubic yards of debris utilizing thirty-five (35) trucks over seven (7) weeks. CrowderGulf reduced debris by grinding and hauled 66,110 cubic yards to a disposal site. CrowderGulf's management team worked closely with the Rocky County debris/recovery team and work was completed within the City's timeline to the City's satisfaction.

SCENARIO 4. SIGNIFICANT EVENT – REMOVAL, REDUCTION, HAULING, AND SEPARATING MIXED DEBRIS - WIDESPREAD OR COUNTYWIDE

Response

In addition to all the procedures and resources included in a Scenarios 1, 2 and 3, CrowderGulf will add segregation crews at its TDSRS. A typical segregation crew may consist of one foreman, one equipment operator, two (2) laborers and a skid steer. Debris will be segregated into six (6) areas for reduction or further handling. These include clean vegetative debris, vegetative debris with foreign matter, construction and demolition debris, recyclable debris, white goods and hazardous waste. Depending on the severity of the event, additional debris removal crews can be deployed to begin work with 48 hours of the NTP.

Actual Example

Hurricane Harvey struck the Southern Texas Coast on August 25, 2018 and unlike many past hurricanes, Harvey did not move quickly. After its initial landfall, it stalled over Southeast Texas for quite some time. The typical damages caused by strong hurricane force winds were swiftly surmounted by the damages caused by the unprecedented and overwhelming rain amounts that fell on Southeast Texas. Hurricane Harvey easily became one the wettest storms ever recorded in the continental United States leaving over 60 inches of rainfall in some areas.

Having worked in the City of Friendswood, Texas on numerous occasions prior to Hurricane Harvey, CrowderGulf was familiar with the City and the knowledgeable personnel who worked there. The City of Friendswood contacted CrowderGulf on August 29th to set up a coordination meeting. CrowderGulf met with the City staff the same day to discuss a notice to proceed, mobilization and the start date. The City requested all operations be complete within 180 days. CrowderGulf quickly mobilized the necessary resources and started on September 6th as requested by the City. All disaster debris management operations were monitored by TetraTech. The debris was directly hauled to the Dixie Farm Road Landfill. Overall, CrowderGulf removed and disposed of over 135,000 cubic yards of debris from the 21.7 square miles of land that's occupied by the 35,000 residents of Friendswood, TX. (In addition to the removal of 135,952 cubic yards of vegetative debris, CrowderGulf removed 5,804 white goods, 7,684 E-waste products and 182,460 lbs. of Household Hazardous Waste.)

All work will be conducted and documented in compliance with FEMA Guidelines.



SCENARIO 5. CATASTROPHIC EVENT – REMOVAL, REDUCTION, HAULING, AND SEPARATING – MIXED DEBRIS – COUNTYWIDE

Response

For a Catastrophic event, all the procedures included in Scenarios 1-4 would apply. If requested, CrowderGulf will stage equipment and resources prior to the event and have a senior Project Manager present in the County's Emergency Operations Center prior to the storm for planning purposes. We will have management resources on the ground within twenty-four (24) hours for the emergency PUSH planning. Debris Crews and Equipment resources will be working within 48 hours of establishing an approved recovery plan. (If utilizing a monitoring company, it takes 24-48 hours to have monitoring personnel trained and equipped to begin the monitoring process).

CrowderGulf's Project Management Team will utilize the first 24-48 hours to begin their damage assessment and sectioning of the County and crews assigned to each of the damaged areas so that debris will be removed concurrently in all areas of the County. TDSRS development will begin immediately upon NTP and site selection. Grinders and or air curtain burners will be deployed for use within forty-eight (48) hours of the start of debris removal. Documentation and Emergency Management specialists will be onsite to train local personnel who will be working at each TDSRS office. All documentation will be available online for review by the County. Updates will be given to local personnel by our senior managers every morning and our experienced marketing team can assist the County with public notices via radio, newspaper and TV, if requested.

All work will be conducted and documented in compliance with FEMA Guidelines.

Actual Example

After Hurricane Harvey, in September of 2017, CrowderGulf crews removed and reduced 2,006,840 cubic yards of debris from Aransas County, Texas rights-of-way. The overall cost to Aransas was \$24,406.652. CrowderGulf assisted the County in the removal and disposal of mixed vegetative and construction and demolition materials. This material was segregated and hauled to the proper facility for disposal. CrowderGulf removed, transported and disposed of 14,938 leaners/hangers, 6,039 white goods and 22,760 lbs. of HHW. Debris was reduced by grinding at three separate sites.

CrowderGulf's Debris Operations Plan provided in this proposal outlines specific details of both response and recovery field operations from mobilization through documentation.

SCENARIO 6: CATASTROPHIC EVENT - COUNTYWIDE

Response

In addition to the resources and deployment times described above, CrowderGulf will locate and establish numerous TDSRS Countywide to handle the larger amount of debris. All necessary licenses, permits and other approvals will be identified and prepared prior to an event. Most catastrophic events also require right of entry agreements which allow debris removal from private property and not just the public rights-of-way, necessitating that a template be in place prior the event. All work will be conducted and documented in compliance with all FEMA regulations.

Actual Examples

A Catastrophic Event inclusive of total management countywide is one of great measure and tremendous need for pre planning. Very large storms are accountable for extreme damages and the debris removal operations typically last for several months. In CrowderGulf's 50 plus years in the debris removal business, we have worked catastrophic events for numerous cities and counties across the United States. Examples include the counties of Bay, Jackson and Washington County, FL after Hurricane Michael in 2018, Lee and Polk County, FL after Hurricane Irma in 2017; Aransas and Brazoria County, TX after Hurricane Harvey in 2017; Galveston, Montgomery and Jefferson County, TX, following Hurricane Ike in 2008; Calcasieu Parish, LA, following Hurricanes Katrina and Rita in 2005; and Baldwin County, AL, following Hurricane Ivan in 2004.

After Hurricane Charley in 2004, CrowderGulf was working throughout Florida when Ivan made landfall in the Florida Panhandle and coastal Alabama. In Baldwin County, AL, CrowderGulf responded within 24 hours upon NTP, clearing emergency routes, working alongside utility restoration crews and removing storm generated debris from County rights-of-way. We worked with Public Works Engineers, Emergency Management and Solid Waste staff, executing their Debris Management Plan to rapidly and efficiently open and maintain 10 DMS. As a result, approximately 2 million cubic yards of storm-related debris were removed and disposed of from Baldwin County alone. Concurrently, immediately after Hurricane Ivan, CrowderGulf was activated in Escambia County, FL, as well as numerous other municipalities in AL and FL. We were successful in the timely completion of all our contracts, to the satisfaction of our clients.

4. Equipment Resources



Company-owned/Leased Equipment

CrowderGulf maintains a large inventory of company-owned/leased equipment that is debris specific and available for immediate response to a disaster. Company-owned/leased equipment will be pre-positioned for emergency PUSH operations and dispatched to the disaster area immediately upon the receipt of a NTP in order to begin restoring critical services in Franklin County as quickly as possible. The following is a partial list of company-owned equipment available for use in any debris operation:

EQUIPMENT	UNITS
• Self-Loading Trucks; (30 – 100 cubic yards)	65
• Dump Trucks (16 yards – 50 yards)	153
• Rubber Tire Loaders (equipped with debris handling grapples)	26
• Rubber Tire and Track Equipped Excavators (with buckets and grapples)	18
• Pick-Up Trucks (equipped with portable phones for Foremen)	25
• Service Trucks	12
• Skid-Steer Loaders (equipped with buckets and grapples)	10
• Cherrington Beach Cleaners 4500 & 4500 XL	5
• Stationary Power Screens – (sand screener)	2
• Diamond Z 14' Tub Grinders	6
• Shallow and deep water boats equipped with latest sonar and photo equipment	4
• Barges, tugs and large boats for heavy marine debris removal	4

Equipment Rental Agreements

CrowderGulf also maintains active accounts with all major national equipment rental companies to supplement equipment needs as may be required (i.e. Beard, Hertz, Caterpillar, John Deere, United Rental, Sunbelt, etc.).

All equipment shall meet all federal, state and local regulations.



Additional Equipment Information

- All equipment used for this contract will be rubber wheeled or rubber tracked unless otherwise approved by the County.
- To the maximum extent possible, CrowderGulf and its subcontractors shall use self-loading trucks with grapples or grapple attachments. Hand loading will not be permitted.
- No subcontractor will be allowed to solicit work from private citizens while assigned to the contract.
- No equipment assigned to this contract will be used for any other contract work.

- All trucks will be marked with proper signage. The lettering will be 3 inches in height or greater to allow for readability and clarity

Repair and Maintenance Equipment

CrowderGulf has the ability to perform maintenance and repair in the field, where the work is happening. Local resources may have experienced damages or have other responsibilities that take priority over their business such as family matters. To insure we have safe functioning equipment, over the years CrowderGulf has built a large support system for our company owned equipment and subcontractor equipment should they need assistance.

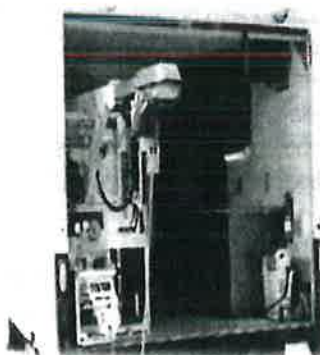
Service Trucks - CrowderGulf often utilizes our fleet of smaller service vehicles. These are typically one plus ton trucks outfitted with specialized equipment to make field services easier to complete. Features of these trucks include the following:

- Air compressors
- Welding equipment
- Boom cranes
- Tommy-gates
- Lubricant
- Exhaust and other fluids
- Small tools
- Misc. small parts



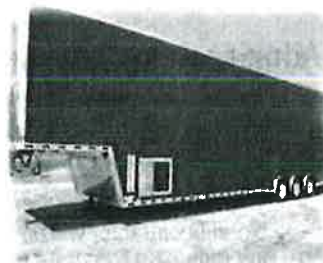
Box Service Trucks - When a repair or service requires heavier equipment and additional support, CrowderGulf provides our "box trucks" which have several different types of equipment to allow the CrowderGulf employed full-time mechanic more options when conducting repairs. These units typically keep on hand the following supplies:

- Several sets of various size tires
- Large air compressors
- Welders
- Lift gates
- Hoses
- Fittings
- Hydraulic lines
- Hydraulic hose crimping machines
- Lubricant
- Exhaust and other fluids
- Small tools
- Misc. small parts



Mobile Repair Shop

CrowderGulf also owns a state of the art mobile repair shop. This is a larger unit, towed by a semi-truck. Once set up in an area, this unit performs the same as a shop. Features of this unit are self-contained, diesel powered electrical system, full hydraulic hose manufacturing ability, tool room, tire racks, outside flood lighting, and many other features that allows this unit to function like a full featured automotive repair shop. No matter what the situation is, CrowderGulf, utilizing our in-house assets, can maintain our fleet during any size activation.



Anticipated Outside Support/Subcontractor Equipment

CrowderGulf's has developed a Nationwide Database of Approved and Trusted Subcontractors & Vendors. It is company policy to utilize **qualified local subcontractors** to the maximum extent possible in compliance with **44 CFR 206.10**. We also endeavor to employ a percentage of qualified Minority Business Enterprise (MBE) subcontractors. In previous disaster activations, CrowderGulf has pre-positioned manpower and equipment to provide immediate response. The table below provides the number of subcontractors and their **equipment** listed in our database, in relation to the State of Florida.

Subcontractor Information	Regional	FL	US. 2021
<u>Number of Registered Subcontractors</u>	<u>90</u>	<u>1035</u>	<u>3498</u>
Subcontractor Equipment	Regional	FL	US. 2021
Dump Trucks (16-65)	222	4979	19102
Pick up w/ dump trucks	72	1409	5142
Knuckle-boom trucks	20	518	3074
Wheel Loader 50hp – 150hp	121	1525	5933
5 ton Pickup truck	133	1563	7477
Hydraulic Excavator 50hp-150hp	165	1324	7147
Trailer Mounted floodlight	26	267	1761
Low-bed Trailer w/ tractor	49	491	2303
Water Truck	8	209	1106
Air Curtain Burner	6	92	436
Backhoe w/ loader 15	16	339	1917
Dozer, 2-3 yd. blade/root rake blade D7	79	672	3878
Grader, Motor, 12 ft. blade 130-140hp	10	160	842
Chipper	9	255	1453
Tub Grinder 300-400 hp & 800-1000 hp	7	19	1040
Self-loading trucks	29	966	4953
Skid steer 40 hp – 80 hp	108	1668	8560
C&D Walking Floor 80-110 CY	9	450	2027
Mulch Trailer 80-110 CY	10	249	1373
Bucket Trucks	6	887	3269
Barges	23	132	1296
Work Boats	29	201	1528
Vacuum Trucks	5	119	1824

Florida Subcontractor Statistics	Regional	FL
Small Business	54	723
M/WBE, HUB, SDB or Veteran Certified	52	448
Push Crews	44	452
Debris Haulers	64	791
Marine Debris	12	51
Haul Outs	3	49
Grinding	1	59
Burning	2	21
Concrete Reduction		6
Recycling	2	11
Hazardous Material		8
Tree Work	7	93



Equipment List

2021 CrowderGulf Company-Owned Equipment List			
DEBRIS REMOVAL TRUCKS			
Year	Make	Model	VIN
1998	Mack	Debris/Combo	1M2AD62C9WW006285
1995	Western Star	Debris/Combo	2WLPCH25K937391
2002	Kenworth	Debris/Combo	1NKDLB0X72J884158
2013	Peterbilt	367 Debris/Combo	1NPTX4EX7DD178887
2014	Peterbilt	367 Debris/Combo	1NPTX4EX4ED237394
2013	Peterbilt	389 Debris/Combo	1XPXD49X4DD192224
2016	Peterbilt	367 Debris/Combo	1NPTX4EX7GD292571
2017	Peterbilt	389 Debris/Combo	1XPXP4TX4HD408644
2017	Peterbilt	367 Debris/Combo	1NPTX4EX9HD412906
2017	Peterbilt	367 Debris/Combo	1NPTX4EX5HD449323
2018	Peterbilt	389 Debris/Combo	1XPXD40X1JD452166
2015	Kenworth	T800 Debris/Combo	1XKDD49X5FJ436315
2018	Peterbilt	389 Debris/Combo	1XPXD0X8JD480600
2018	Peterbilt	367 Debris/Combo	1NPTXX4EX8JD488588
2018	Peterbilt	367 Debris/Combo	1NPTX4EX3JD492774
2018	Peterbilt	367 Debris/Combo	1NPTX4EX5JD492775
2018	Peterbilt	389 Debris/Combo	1XPXD40X3JD498730
SEMI TRUCKS			
Year	Make	Model	VIN
2017	Mack	CHU613	1M1AN07Y0HM026412
2017	Mack	CHU613	1M1AN07Y8HM025816
2017	Mack	CHU613	1M1AN07Y6HM026415
2017	Mack	CHU613	1M1AN07Y0HM026409
2017	Mack	CHU613	1M1AN07Y4HM025814
2013	Mack	CHU613	1M1AN07Y7DM013439
2014	Mack	CHU613	1M1AN07Y2EM015665
2013	Mack	CHU613	1M1AN07Y6DM013416
2006	Kenworth	T800	1XKDPBTX96J145904
2014	Mack	CHU613	1M1AN07YOEM015664
2012	Kenworth	T800	1XKDD49X3CJ309350
PICK UP TRUCKS			
TYPE		# OF TRUCKS	
½ Ton 1500 or Equivalent Pick Up		14	
¾ Ton 2500 or Equivalent Pick Up		9	
1 Ton 3500 or Equivalent Pick Up		11	
Greater than 1 Ton or Equivalent Pick Up		7	



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TRAILERS			
Year	Make	Model	VIN
2018	Clement Monstar	End Dump	5C2BR45BXJM010613
2018	Clement Scrapstar	End Dump	5C2BF37B0JM010653
2018	Clement Scrapstar	End Dump	5C2BF37B2JM010654
2017	Clement	End Dump	5MADN4024FC033420
2005	Benson	End Dump	5DMDSAGC45M000757
2005	Mac	End Dump	5MADS35385C008667
2018	Stealth	End Dump	52LBE1627JE06410
1997	Vantage	End Dump	4EPAA029VATA1459
1997	Vantage	End Dump	4EPAA4024VATA1515
1997	Vantage	End Dump	4EPAA021VATA1536
1997	Vantage	End Dump	4EPAA4022VATA1545
2018	Brazos	Scrapper/End Dump	4B9BKDL29JH054106
2018	Brazos	Scrapper/End Dump	4B9BKDLL24JH054126
2002	MAC	End Dump	5MADS363130005105
1995	USTS	End Dump	1U9DS3637S1051511
2005	MAC	End Dump	5MADS353050009294
2001	MAC	End Dump	5MADS356321C00439
1994	Benson	End Dump	1NUDT38P8RMAS0247
1995	Vantage	End Dump	4EPAA3922SATA0615
1987	ACCURATE IND.	End Dump	1A9754025H4037546
1990	Tristar	End Dump	1T9DS36C8L1066822
1998	USTS	End Dump	1U9DS3229W1051699
2001	Benson	End Dump	5DMDSAHC41P000376
1993	JBEN	End Dump	9DT3626PPJBB021
2007	Palmar	Dump Trailer	4R7BD1624HT163081
2018	Mac	Walking Floor	5MAMN4821JW044659
2016	Titan	Walking Floor	2TVWF4826GD000602
2018	Mac	Walking Floor	5MAMN4823JW045280
2011	Rolls Rite	Tilt Top	1R9PT2229BM356115
2017	Rolls Rite	Tilt Top	1R9BT222XHM356286
2018	Rolls Rite	Tilt Top	1R9PT2227JM356001
2016	Talbert	Roll-Back	40FG05336G1035421
1999	Dynawell	Lowboy	HU181DGX7X1X38407
2017	Talbert	Lowboy	40FSK5132H1035957
2017	Talbert	Lowboy	40FSK5239H1035971
2018	Transcraft	Step Deck	1TTE532C8J3070477
2018	Transcraft	Step Deck	1TTE532C1J3083796



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WHEEL LOADERS			
Year	Make	Model	VIN
2003	CAT	924G	09SW01095
2003	Komatsu	WA180	2MCA88062
2005	CAT	928G	6XR02028
1998	CAT	962G	5AS00263
2004	CAT	IT28G	DBT01424
2001	CAT	924G	9SW02009
2004	John Deere	644H	DW644HX586668
2004	John Deere	724H	DW24JX590345
2005	CAT	IT38	CSX00926
2005	CAT	924G	DDA2478
2006	CAT	924G	DDA02934
2007	CAT	950G	2JS00604
2009	CAT	930H	DHC01497
2014	CAT	924G	9SW01859
2011	CAT	930H	DHC02274
2014	CAT	908H	CAT0908HJJRD01594
2016	CAT	908M	CAT0908MJH8801071
2017	John Deere	624K	1DW624KZCGF674473
2017	John Deere	624K	1DW624KZLGF676803
2017	CAT	908M	CAT0908MCH8801198
2017	CAT	908M	H8800928
2015	CAT	914K	CD2000596
2017	John Deere	644K	1DW644KZJHF680047
2018	CAT	908M	CAT0908MCH8802397
EXCAVATORS			
Year	Make	Model	VIN
2016	John Deere	210G	1FF210GXHGF523928
2014	John Deere	300G	1FF300GXHDF710007
2017	John Deere	60G Mini	1FF060GXKGJ288041
2017	CAT	308	308E2CRSB-FJX08636
2017	John Deere	245G	1FF245GXCHF800280
1990	John Deere	70D	CK0070DD009556
2001	John Deere	330LC	FF0330X0870719
2001	John Deere	200LC	FF0200X500888
2000	John Deere	160LC	POO160X041413
2001	Komatsu	PC60	58212
2002	Hitachi	EX120	1E8P057533
2002	Hitachi	EX120	1E8P057534
1999	Bobcat	331X	512918815
2001	Bobcat	331X	512918429
2003	Komatsu	PC35	4207
1999	Kobelco	SK220LC	LLU2438

EXCAVATORS			
Year	Make	Model	VIN
2004	Kobelco	SK70SR	YT01-03382
2004	Komatsu	200	KMTPCO49K87C5037
2004	Hyundai	R55W3	10014
2002	JD	200C-LC	FF200CX505406
2004	CAT	330CL	DKY 02901
2001	Case	9007B	DAC0072321
2005	CAT	325CL	CAT0325CVCRB01486
2001	CAT	320CL	PAB04298
2005	CAT	M318C	CATM318CKBC201044
2005	CAT	325CL	CAT0325CEBFE01812
2004	CAT	320	PAB01355
2003	CAT	325CL	CRB00550
2005	Komatsu	PC35 MR-2	KMTPCO96T05006313
2006	John Deere	120-C	FF120CX035517
2006	Kubota	U35SS	30398
2006	Kubota	U35SS	30251
2006	Cat	320CL	PAB4383
2007	Cat	328D LCR	GTN139
2008	Kubota	KX913R1S	31194
2006	Kobelco	SK70SR-1E	YT0408468
2007	Cat	302.5	CAT3025CJGBB01604
2008	Cat	321 CL CR	MCF00918
2005	John Deere	450C - LC	FF450CX091778
2009	Cat	322CL	HEK00647
2008	Cat	330D	HAS292
2006	Volvo	EC140BLC	EC140V12265
2010	John Deere	120-C	FF120CX036343
2009	Cat	314CL CR	PCA01891
2010	Cat	328D CLR	CAT0328DTGTN00403
2011	John Deere	35D	1FF035DXJBG266218
LOADER - BACKHOE			
Year	Make	Model	VIN
1999	CAT	426	1ZR00479
2001	Kubota	L35	L3560624
2003	John Deere	310SG	TO310SG909356
2005	JS	310E	TO310EX853300
2001	CAT	416C	4ZN20996
2004	CAT	416D	4ZN24364
2004	John Deere	310E	TO310EX884694
2004	CAT	416C	5YN06630
2006	CAT	416C IT	1WR10173
2006	CAT	420D	FDP26873
2006	John Deere	310G	T0310GX937710
2001	CAT	416C	4ZN24603



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DOZERS			
Year	Make	Model	VIN
1992	John Deere	450G	TO450GF87820
1999	John Deere	750H	T0750CX877301
2004	CAT	D3JXL	CAT00D3GCJMH00732
2005	John Deere	450-J	T0450JX104665
2005	John Deere	650J	T0650JX111587
2004	CAT	D6N	CAT00D6NVALY00800
1999	John Deere	450H	T0450HX922582
2004	John Deere	550H	T0550HX937488
2005	CAT	D6R	AAX01404
2005	CAT	D5N	AKD1461
2006	John Deere	450-JLT	T0450JX122072
2001	John Deere	450J	T0450JX103785
2008	Komatsu	D39PX-22	3059
2006	CAT	D3GLGP	BYR01437
2010	CAT	D5K LGPARO	CAT00D5KJYYY00703
2008	CAT	D3K LGP	LLL00568
2011	CAT	D3K LGP	LLL00382
2011	CAT	D3K LGP	LLL00388
2011	John Deere	450-J LGP	T0450JX181468
2011	John Deere	650-J	T0650JX173003
FORK LIFTS			
Year	Make	Model	VIN
2000	CAT	V80F	9NF00658
1997	Hyster	H50XL	A177B31212K
2000	JCB	506	578972
1995	Nissan	50	PF02-9H3269
2001	CAT	GC25	4FM04520
2004	CAT	480F	9NF00558
2007	Yale	543372	GLP11MCNSB098
2001	CAT	2EC20	A2F0260387
2002	CAT	V60B	52J00932
1999	CAT	CG25	4EM91233
2007	CAT	TH63	5WM03130
2001	CAT	GC25	4EM04516
1997	Terex	TH1048C	TH1006A-8401
2005	JCB	930	SLP930025E0824674



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GENERATORS			
Year	Make	Model	VIN
	Onan Genset	50D6CA	6920476659
1999	Nissha	NES25SIA	XJ010300
1999	Nissha	NES60SIA	KF010300
2004	Dewalt	4300	GCO44627903DGC4300
2003	Coleman	9110619	DMO545005
2006	Miller Bobcat	250NT	LC492887
2006	Miller Bobcat	250NT	LE209010
2006	Miller Bobcat	250NT	LF205099
2011	Generac	97A06245-S	2038141
2007	Miller Bobcat	250NT	LC574759
2013	Honda	6500Watt	EAPC-1010707
2011	Magnum	MMG55FH 45kW	800390
2011	Magnum	MMG35FH 25kW	73344
2011	Magnum	MMG35FH 25kW	73345
2011	Magnum	MMG35FH 25kW	73318
SKID STEER LOADERS			
Year	Make	Model	VIN
1997	Bobcat	763	512222048
2001	Bobcat	763	512217575
1996	Bobcat	873	514120441
2002	CAT	236	CAT00236J4YZ04709
2005	Bobcat	T300	521912526
2007	Caterpillar	262B	PDT01685
	Caterpillar	277C	CAT0277CTJWF00578
2006	Daewoo	155XL	AG00211
2006	Bobcat	T190	531614194
2006	Caterpillar	246B	CAT0246BLPAT03480
2006	Bobcat	T300	530012266
2010	Caterpillar	268B	CAT0268BJLBA01424
2010	Caterpillar	299C HF	MBT01588
2011	Bobcat	T300	525415845
2008	JD	650-J	T0650JX173003
2016	Cat	279D	CAT0279DEGTL03016
2018	Cat	299D	CAT0299DLFD203290



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MARINE DIVISION			
Year	Make	Vessel #	Capacity
2003	27' Scout Boat	010 / Bayou Bandit	12,000 lbs.
1990	24' Debris Boat	015 / Betsie	16,000 lbs.
1995	18' Vessel	018 / Trisha	Personnel Only
1990	Debris Boat	002 / Bertram	12,000 lbs.
2001	24' Flat Boat w/Boom	001 / Pamela	18,000 lbs.
2003	18' Deck Boat w/Boom	002 / Decker	16,000 lbs.
2004	27" Deck Boat w/Boom	009 / BT Express	20,000 lbs.
2011	32' Deck Boat w/Boom	020 / CG Girl	24,000 lbs.
1999	30' Picker Barge	022 / Johnzey	18,000 lbs.
BARGES			
Size	Type - Material	Capacity	Notes
24'x8'	Debris Barge - Fiberglass	8,000 lbs.	Shallow Draft Barge
28'x8.5'	Debris Barge - Aluminum	12,000 lbs.	Shallow Draft Barge
30'x10'	Debris Picker Barge w/ Grapple - Steel	14,000 lbs.	Shallow Draft Barge
30'x10'	Debris Picker Barge w/ Grapple - Fiberglass	14,000 lbs.	Shallow Draft Barge
30'x10'	Debris Picker Barge w/ Grapple - Aluminum	14,000 lbs.	Shallow Draft Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x8'	Pin-Together Barge - Steel	10,000 lbs.	Deck Barge
40'x11'	Debris Picker Barge w/ Grapple - Steel	20,000 lbs.	Shallow Draft Barge
48'x12'	12" Hyd Dredge - Steel	N/A	15' Dredging Depth - 36" Pump
50'x20'	Spud Barge - Steel	40,000 lbs.	Shallow Draft Spud Barge
55'x11'	Debris Picker Barge w/ Grapple - Steel	24,000 lbs.	Shallow Draft Barge
120'x30'	Deck Barge - Steel	150 Tons	Deep Draft Barge
120'x30'	Deck Barge - Steel	150 Tons	Deep Draft Barge

Unit Cost Fee Rate Schedule

DESCRIPTION OF SERVICE	UNIT	UNIT COST
<u>MOBILIZATION AND DEMOBILIZATION</u>	L.S.	\$0.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY		
Backhoe - Rubber Tire Type, J.D. 310 or equal w/bucket & hoe	Hour	\$55.00
Bucket Truck - 50 Ft.	Hour	\$130.00
Bucket Truck - 50' to 75'	Hour	\$185.00
Chipper w/2-man Crew	Hour	\$125.00
Crane - 100 Ton (8 Hr. Minimum)	Hour	\$260.00
Crane - 50 Ton	Hour	\$180.00
Crane 30 Ton or larger	Hour	\$130.00
Dozer -D-6 or equivalent	Hour	\$130.00
Dozer-CAT D4 or equivalent	Hour	\$120.00
Dozer-Cat D8 or equivalent	Hour	\$160.00
Dump Truck - 5 CY	Hour	\$50.00
Dump Truck - Trailer, 50-80 cubic yard	Hour	\$130.00
Dump Truck-Tandem, 14-18 cubic yard	Hour	\$85.00
Dump Truck-Trailer, 24-40 CY	Hour	\$95.00
Dump Truck-Trailer, 41-60 CY	Hour	\$130.00
Dump Trailer w/Tractor, 30 to 40 CY	Hour	\$145.00
Dump Trailer w/Tractor, 41 to 50 CY	Hour	\$160.00
Dump Trailer w/Tractor, 51 to 60 CY	Hour	\$160.00
Dump Truck - 10 to 15 CY	Hour	\$70.00
Walking Floor Trailer w/Tractor, 100CY	Hour	\$195.00
Equipment Transports	Hour	\$140.00
Excavator - Cat 320 or equivalent	Hour	\$145.00
Excavator - Cat 325 or equivalent	Hour	\$150.00
Excavator - Cat 330 or equivalent	Hour	\$160.00
Excavator - Rubber Tired with debris grapple	Hour	\$180.00

This document in its entirety must be completed and returned with your Submittal

Unit Cost Fee Rate Schedule (Page 2 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)		
Farm Tractor w/Box blade	Hour	\$55.00
Feller Bunchers 611 Hydro-Ax or equivalent	Hour	\$120.00
Forklift - Extends Boom with debris grapple	Hour	\$85.00
Jetter Vac Truck	Hour	\$180.00
Loader - Bobcat, 753 or John Deere 648-E with debris grapple or equivalent	Hour	\$120.00
Loader - Front-End, 544 or equal with debris grapple or equivalent	Hour	\$150.00
Loader - Knuckle boom -216 Prentice or equivalent	Hour	\$140.00
Loader - Self, Knuckle Boom Truck, 25-35 CY Body	Hour	\$175.00
Loader - Self, Knuckle Boom Truck, 35-45 CY Body	Hour	\$180.00
Loader - Skid Steer-753 Bobcat w/Bucket or equivalent	Hour	\$120.00
Loader - Steer-753 Bobcat Skid with Street Sweeper or equivalent	Hour	\$120.00
Loader - Towed w/Tractor, Prentice 210 or equivalent	Hour	\$105.00
Loader - Wheel JD 644, or equivalent, with debris grapple or equivalent	Hour	\$160.00
Loader - Wheel, Cat 955 or equivalent	Hour	\$160.00
Loader - Wheel, Cat 966 or equivalent	Hour	\$175.00
Loader - Wheel, JD 644, 2-3 CY Articulated w/Bucket or equivalent	Hour	\$160.00
Log skidder-JD 648E, or equivalent	Hour	\$100.00
Motor Grader-CAT 125 - 140HP or equivalent	Hour	\$100.00
Pickup Truck - Unmanned	Hour	\$40.00
Portable Light Plant	Hour	\$40.00
Power Screen	Hour	\$150.00
Loader-Self, Scraper CAT 623 or equivalent	Hour	\$150.00
Stacking Conveyor	Hour	\$80.00
Stump Grinder/ Vermeer 252 or equivalent	Hour	\$100.00
Street Sweeper	Hour	\$80.00
Sweeper - open air broom	Hour	\$80.00
Track hoe 690 J.D. or equivalent	Hour	\$130.00

Unit Cost Fee Rate Schedule (Page 3 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)		
Truck - 1 ton Pickup	Day	\$350.00
Truck - 1/2-ton Pickup	Day	\$200.00
Truck - 3/4-ton Pickup	Day	\$250.00
Truck - 6 Wheel Drive Heavy Off Roads	Hour	\$110.00
Truck - Box	Day	\$125.00
Truck - Service	Hour	\$85.00
Truck - Supplies	Hour	\$55.00
Truck - Water	Hour	\$85.00
Utility Van	Day	\$270.00
Other (List)		
Other (List)		
Other (List)		

Unit Cost Fee Rate Schedule (Page 4 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
DEBRIS REMOVAL SERVICES		
Debris Removal from Event Site and Hauling to DMS 0-30 Miles.	CY	\$8.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$9.50
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$3.95
Debris Removal from Event Site and Hauling to DMS 31-60 Miles.	CY	\$9.10
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$10.00
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$5.95
Debris Removal from Event Site and Hauling to DMS 61+ Miles.	CY	\$9.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$11.00
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$7.90
White Goods removal, segregation, and disposal at approved location*	Item	\$80.00
HAZWASTE removal, segregation, and packaging at DMS for disposal by others	Pound	\$7.25
Freon Management, Recycling and Disposal*	Per unit	\$40.00
Carcass Removal, Transportation and Disposal* (Removal of debris that will decompose such as animals or organic)	Pound	\$1.00
Waterway Debris Removal <i>Debris removal from canals, rivers, creeks, streams & ditches</i>	CY	\$90.00
Sand Collection and Screening <i>Pick up, screen and return debris laden sand/mud/dirt/rack</i>	CY	\$16.00
Vessel Removal	Unit	\$600.00
Demolition of Private Structure	CY	\$14.95
Vehicle Removal	Unit	\$150.00
Electronic Waste <i>Removal of electronic debris that contain hazardous materials, such as cathode ray tubes. Includes computer monitors and televisions</i>	Unit	\$40.00
Biowaste Removal of waste capable of causing infection to humans (Animal waste, human blood, pathological waste)	Pound	\$7.95

*NOTE: Contractor will pay tipping fee or other disposal fee at final disposal site(s) and charge the Entity at cost. All final disposal sites must be approved by Entity.

Unit Cost Fee Rate Schedule (Page 5 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
TREE OPERATIONS, INCLUDING HAULING		
Hazardous Trees Removal 6" diameter to 12" diameter Note	Tree	\$40.00
Hazardous Trees Removal >12" diameter to 24" diameter Note	Tree	\$90.00
Hazardous Trees Removal >24" diameter to 36" diameter Note	Tree	\$160.00
Hazardous Trees Removal >36" to 48" Note	Tree	\$210.00
Hazardous Trees Removal >48" + Note	Tree	\$300.00
Hazardous Limbs Removal >2" Note	Tree	\$90.00
Hazardous Stumps Removal >24" – 36"	Stump	\$225.00
Hazardous Stumps Removal >36" – 48"	Stump	\$280.00
Hazardous Stumps >48" +	Stump	\$335.00
Stump Fill Dirt <i>Fill dirt for stump holes after removal</i>	CY	\$16.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST
MANAGEMENT AND REDUCTION		
Grinding <i>Grinding/chipping vegetative debris</i>	CY	\$2.98
Air Curtain Burning <i>Air Curtain Burning vegetative debris</i>	CY	\$2.00
Open Burning <i>Opening burning vegetative debris</i>	CY	\$1.20
Compacting <i>Compacting vegetative debris</i>	CY	\$2.00
Debris Management Site Management <i>Preparation, management, and segregating at debris management site</i>	CY	\$1.20

Tipping Fees at Franklin County Landfill

Vegetation \$45.00/TON

All Other Debris \$65.00/TON

Note for Tree Line Items - this rate is for cut and drop only. All remaining debris to be hauled under ROW rates.

TIPPING / DISPOSAL FEES FOR ALL LINE ITEMS WILL BE A PASS THROUGH COST TO COUNTY / CITY AT NO MARKUP.

Unit Cost Fee Rate Schedule (Page 6 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
FINAL DISPOSAL		
Tipping Fees (Vegetative) <i>Fee includes negotiated contract price or pass-through amount for vegetative</i>	CY	PASS THROUGH
Tipping Fees (Mix) <i>Fee includes negotiated contract price or pass-through amount for mix</i>	CY	PASS THROUGH
Tipping Fees (C&D) <i>Fee includes negotiated contract price or pass-through amount for C&D</i>	CY	PASS THROUGH

DESCRIPTION OF SERVICE	UNIT	UNIT COST
MISCELLANEOUS EQUIPMENT & SERVICES		
Hay bales	Each	\$15.00
Staked Silt Fence	LF	\$13.00
Fill Dirt	CY	\$17.00
Tree Protection, as required	LF	\$10.00
Dewater, as required	Hour	\$110.00
Bagged Ice, 50/100 lbs.	per	\$0.60 Per LB
Bottled Water, Palletized Truck Load	Lb.	\$1.00 per Bottle
Bulk Water, Tanker	Gal	\$1.60
Water Tanker for Bulk Water, Tanker	Gal	\$1,500.00
Light Tower w/Generator	Day	\$225.00
Office Trailer, 40 ft	Day	\$350.00
Portable Toilet, Single	Day	\$50.00
Portable Toilet, Single	Week	\$150.00

Unit Cost Fee Rate Schedule (Page 7 of 7)		
DESCRIPTION OF SERVICE	UNIT	UNIT COST
PERSONNEL RATES		
Traffic Control Personnel	Hour	\$40.00
Laborer	Hour	\$40.00
Survey Person w/Truck	Hour	\$50.00
Inspector w/Vehicle	Hour	\$50.00
Chainsaw w/Operator	Hour	\$48.00
Foreman w/Truck	Hour	\$58.00
Superintendent w/Truck	Hour	\$64.00
Climber w/Gear	Hour	\$125.00
Mechanic w/Truck and Tools	Hour	\$95.00
Ticket Writers / Individual	Hour	\$38.00
Clerical / Individual	Hour	\$38.00
Program Management Services – Professional	Hour	\$85.00
Program Management Services – Administrative	Hour	\$45.00
Other (List)	Hour	
Other (List)	Hour	
Other (List)	Hour	

Unit Cost Fee Rate Schedule

DESCRIPTION OF SERVICE	UNIT	UNIT COST
MOBILIZATION AND DEMOBILIZATION	L.S.	\$0.00

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY		
Backhoe - Rubber Tire Type, J.D. 310 or equal w/bucket & hoe	Hour	\$55.00
Bucket Truck - 50 Ft.	Hour	\$130.00
Bucket Truck - 50' to 75'	Hour	\$185.00
Chipper w/2-man Crew	Hour	\$125.00
Crane - 100 Ton (8 Hr. Minimum)	Hour	\$260.00
Crane - 50 Ton	Hour	\$180.00
Crane 30 Ton or larger	Hour	\$130.00
Dozer -D-6 or equivalent	Hour	\$130.00
Dozer-CAT D4 or equivalent	Hour	\$120.00
Dozer-Cat D8 or equivalent	Hour	\$160.00
Dump Truck - 5 CY	Hour	\$50.00
Dump Truck - Trailer, 50-80 cubic yard	Hour	\$130.00
Dump Truck-Tandem, 14-18 cubic yard	Hour	\$85.00
Dump Truck-Trailer, 24-40 CY	Hour	\$95.00
Dump Truck-Trailer, 41-60 CY	Hour	\$130.00
Dump Trailer w/Tractor, 30 to 40 CY	Hour	\$145.00
Dump Trailer w/Tractor, 41 to 50 CY	Hour	\$160.00
Dump Trailer w/Tractor, 51 to 60 CY	Hour	\$160.00
Dump Truck - 10 to 15 CY	Hour	\$70.00
Walking Floor Trailer w/Tractor, 100CY	Hour	\$195.00
Equipment Transports	Hour	\$140.00
Excavator - Cat 320 or equivalent	Hour	\$145.00
Excavator - Cat 325 or equivalent	Hour	\$150.00
Excavator - Cat 330 or equivalent	Hour	\$160.00
Excavator - Rubber Tired with debris grapple	Hour	\$180.00

This document in its entirety must be completed and returned with your Submittal

Unit Cost Fee Rate Schedule (Page 2 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)		
Farm Tractor w/Box blade	Hour	\$55.00
Feller Bunchers 611 Hydro-Ax or equivalent	Hour	\$120.00
Forklift - Extends Boom with debris grapple	Hour	\$85.00
Jetter Vac Truck	Hour	\$180.00
Loader - Bobcat, 753 or John Deere 648-E with debris grapple or equivalent	Hour	\$120.00
Loader - Front End, 544 or equal with debris grapple or equivalent	Hour	\$150.00
Loader - Knuckle boom -216 Prentice or equivalent	Hour	\$140.00
Loader - Self, Knuckle Boom Truck, 25-35 CY Body	Hour	\$175.00
Loader - Self, Knuckle Boom Truck, 35-45 CY Body	Hour	\$180.00
Loader - Skid Steer-753 Bobcat w/Bucket or equivalent	Hour	\$120.00
Loader - Steer-753 Bobcat Skid with Street Sweeper or equivalent	Hour	\$120.00
Loader - Towed w/Tractor, Prentice 210 or equivalent	Hour	\$105.00
Loader - Wheel JD 644, or equivalent, with debris grapple or equivalent	Hour	\$160.00
Loader - Wheel, Cat 955 or equivalent	Hour	\$160.00
Loader - Wheel, Cat 966 or equivalent	Hour	\$175.00
Loader - Wheel, JD 644, 2-3 CY Articulated w/Bucket or equivalent	Hour	\$160.00
Log skidder-JD 648E, or equivalent	Hour	\$100.00
Motor Grader-CAT 125 - 140HP or equivalent	Hour	\$100.00
Pickup Truck - Unmanned	Hour	\$40.00
Portable Light Plant	Hour	\$40.00
Power Screen	Hour	\$150.00
Loader-Self, Scraper CAT 623 or equivalent	Hour	\$150.00
Stacking Conveyor	Hour	\$80.00
Stump Grinder/ Vermeer 252 or equivalent	Hour	\$100.00
Street Sweeper	Hour	\$80.00
Sweeper - open air broom	Hour	\$80.00
Track hoe 690 J.D. or equivalent	Hour	\$130.00

Unit Cost Fee Rate Schedule (Page 3 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
EMERGENCY ROAD CLEARING AND REMOVAL OF DEBRIS FROM THE PUBLIC RIGHT-OF-WAY (CONTINUED)		
Truck - 1 ton Pickup	Day	\$350.00
Truck - 1/2-ton Pickup	Day	\$200.00
Truck - 3/4-ton Pickup	Day	\$250.00
Truck - 6 Wheel Drive Heavy Off Roads	Hour	\$110.00
Truck - Box	Day	\$125.00
Truck - Service	Hour	\$85.00
Truck - Supplies	Hour	\$55.00
Truck - Water	Hour	\$85.00
Utility Van	Day	\$270.00
Other (List)		
Other (List)		
Other (List)		

Unit Cost Fee Rate Schedule (Page 4 of 7)

DESCRIPTION OF SERVICE	UNIT	UNIT COST
DEBRIS REMOVAL SERVICES		
Debris Removal from Event Site and Hauling to DMS 0-30 Miles.	CY	\$8.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$9.50
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 0-30 Miles.	CY	\$3.95
Debris Removal from Event Site and Hauling to DMS 31-60 Miles.	CY	\$9.10
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$10.00
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 31-60 Miles.	CY	\$5.95
Debris Removal from Event Site and Hauling to DMS 61+ Miles.	CY	\$9.60
Debris Removal from Event Site and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$11.00
Debris Removal from DMS and Hauling to Landfill or Final Disposal Site* 61+ Miles.	CY	\$7.90
White Goods removal, segregation, and disposal at approved location*	Item	\$80.00
HAZWASTE removal, segregation, and packaging at DMS for disposal by others	Pound	\$7.25
Freon Management, Recycling and Disposal*	Per unit	\$40.00
Carcass Removal, Transportation and Disposal* (Removal of debris that will decompose such as animals or organic)	Pound	\$1.00
Waterway Debris Removal <i>Debris removal from canals, rivers, creeks, streams & ditches</i>	CY	\$90.00
Sand Collection and Screening <i>Pick up, screen and return debris laden sand/mud/dirt/rock</i>	CY	\$16.00
Vessel Removal	Unit	\$600.00
Demolition of Private Structure	CY	\$14.95
Vehicle Removal	Unit	\$150.00
Electronic Waste <i>Removal of electronic debris that contain hazardous materials, such as cathode ray tubes. Includes computer monitors and televisions</i>	Unit	\$40.00
Biowaste Removal of waste capable of causing infection to humans (Animal waste, human blood, pathological waste)	Pound	\$7.95

*NOTE: Contractor will pay tipping fee or other disposal fee at final disposal site(s) and charge the Entity at cost. All final disposal sites must be approved by Entity.

Unit Cost Fee Rate Schedule (Page 5 of 7)			
DESCRIPTION OF SERVICE		UNIT	UNIT COST
TREE OPERATIONS, INCLUDING HAULING			
Hazardous Trees Removal 6" diameter to 12" diameter	Note	Tree	\$40.00
Hazardous Trees Removal >12" diameter to 24" diameter	Note	Tree	\$90.00
Hazardous Trees Removal >24" diameter to 36" diameter	Note	Tree	\$160.00
Hazardous Trees Removal >36" to 48"	Note	Tree	\$210.00
Hazardous Trees Removal >48" +	Note	Tree	\$300.00
Hazardous Limbs Removal >2"	Note	Tree	\$90.00
Hazardous Stumps Removal >24" – 36"		Stump	\$225.00
Hazardous Stumps Removal >36" – 48"		Stump	\$280.00
Hazardous Stumps >48" +		Stump	\$335.00
Stump Fill Dirt Fill dirt for stump holes after removal		CY	\$16.00

DESCRIPTION OF SERVICE		UNIT	UNIT COST
MANAGEMENT AND REDUCTION			
Grinding Grinding/chipping vegetative debris		CY	\$2.98
Air Curtain Burning Air Curtain Burning vegetative debris		CY	\$2.00
Open Burning Opening burning vegetative debris		CY	\$1.20
Compacting Compacting vegetative debris		CY	\$2.00
Debris Management Site Management Preparation, management, and segregating at debris management site		CY	\$1.20

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Vegetation \$45.00/TON

All Other Debris \$65.00/TON

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Unit Cost Fee Rate Schedule (Page 6 of 7)		
DESCRIPTION OF SERVICE	UNIT	UNIT COST
FINAL DISPOSAL		
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Tipping Fees (Mix) <i>Fee includes negotiated contract price or pass-through amount for mix</i>	CY	PASS THROUGH
Tipping Fees (C&D) <i>Fee includes negotiated contract price or pass-through amount for C&D</i>	CY	PASS THROUGH

DESCRIPTION OF SERVICE	UNIT	UNIT COST
MISCELLANEOUS EQUIPMENT & SERVICES		
Hay bales	Each	\$15.00
Staked Silt Fence	LF	\$13.00
Fill Dirt	CY	\$17.00
Tree Protection, as required	LF	\$10.00
Dewater, as required	Hour	\$110.00
Bagged Ice, 50/100 lbs.	per	\$0.60 Per LB
Bottled Water, Palletized Truck Load	Lb.	\$1.00 per Bottle
Bulk Water, Tanker	Gal	\$1.60
Water Tanker for Bulk Water, Tanker Per Day	Gal	\$1,500.00
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Office Trailer, 40 ft	Day	\$350.00
Portable Toilet, Single	Day	\$50.00
Portable Toilet, Single	Week	\$150.00

Unit Cost Fee Rate Schedule (Page 7 of 7)		
DESCRIPTION OF SERVICE	UNIT	UNIT COST
PERSONNEL RATES		
Traffic Control Personnel	Hour	\$40.00
Laborer	Hour	\$40.00
Survey Person w/Truck	Hour	\$50.00
Inspector w/Vehicle	Hour	\$50.00
Chainsaw w/Operator	Hour	\$48.00
Foreman w/Truck	Hour	\$58.00
Superintendent w/Truck	Hour	\$64.00
Climber w/Gear	Hour	\$125.00
Mechanic w/Truck and Tools	Hour	\$95.00
Ticket Writers / Individual	Hour	\$38.00
Clerical / Individual	Hour	\$38.00
Program Management Services – Professional	Hour	\$85.00
Program Management Services – Administrative	Hour	\$45.00
Other (List)	Hour	
Other (List)	Hour	
Other (List)	Hour	