



PROFESSIONAL SERVICES AGREEMENT

(FEMA funding)

(Version 1-7-2025)

This AGREEMENT (“Agreement”) is entered by and between **Crowder Gulf LLC** (“Professional”), located at **5629 Commerce Boulevard East, Mobile, AL 36619** and the **City of League City** (the “City”), a home-rule municipality, located at 300 W. Walker St., League City, Texas 77573 on the date set forth below.

Terms:

1. **Scope of Services:** Professional will perform the services as set forth in **Exhibit A**, which is attached and incorporated herein, and which can be generally described as **Debris Management (RFP 22-024)**. Services related to design, bid, or construction of a public work shall conform to the requirements set forth in **Exhibit B**, if applicable. If there is a conflict between the terms of this Agreement and Exhibits A (and B, if applicable), the terms of this Agreement will prevail.
2. **Term and Termination:** This Agreement shall commence on **August 24, 2025** and shall expire on **August 23, 2026** City may terminate this Agreement immediately upon written notice to the Professional if: (a) Professional materially breaches any of its obligations under this Agreement and fails to remedy the breach within seven (7) days after receiving written notice from City, (b) Professional becomes insolvent, files for bankruptcy, or is subject to any similar legal proceeding. In the event of termination for cause, City shall not be required to pay any further compensation to Professional and shall be entitled to recover any damages caused by the breach or insolvency. City also reserves the right to terminate this Agreement for convenience upon seven (7) days written notice to Professional. Upon such termination, City shall pay Professional, at the rate set out in **Exhibit A**, for services satisfactorily performed up through the date of termination. Notwithstanding any provision in this Agreement to the contrary, City will not be required to pay or reimburse Professional for any services performed or for expenses incurred by Professional after the date of the termination notice that could have been avoided or mitigated by Professional.
3. **Compensation:** Professional shall be paid for the services as set forth in **Exhibit A**. In no event shall the total compensation exceed **\$10,000,000.00** during the term of this Agreement. City shall tender payment (including progress/partial payments) for services only after such services are completed and are deemed to be acceptable under this Agreement, in the sole reasonable discretion of City. Professional must submit to City invoices for all services provided, which invoices must include details and dates of service. Payment by City shall be made within thirty (30) days of receipt of an invoice, except for any portion of the invoiced amount that City disapproves as not compliant under this Agreement, in the sole reasonable discretion of City. If City disapproves any amount submitted for payment by Professional, City shall give Professional specific reasons for disapproval in writing.
4. **Insurance:** Professional **is** required during the Contract Term to maintain insurance as set forth below: (a) Comprehensive General Commercial Liability insurance covering bodily injury and property damage, with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per

occurrence and \$2,000,000 aggregate; (b) Professional Liability (errors and omissions/malpractice) insurance with minimum coverage limits—exclusive of defense costs—of \$2,000,000 per occurrence; and (c) If at any point during the Contract Term it is foreseeable that Professional will enter upon City premises: (i) Worker's Compensation coverage with statutory limits for the State of Texas, and (ii) Commercial Automobile Liability coverage with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per occurrence and \$2,000,000 aggregate. All policies must contain a waiver of subrogation against City. Comprehensive General Liability and Commercial Automobile Liability policies must name the City as Additional Insured. Professional shall pay all insurance deductibles and deductibles must not exceed \$10,000 unless approved in advance by City. Professional shall provide City Certificates of Insurance evidencing these insurance requirements prior to the start of work.

5. **Liquidated Damages:** Liquidated damages **are** applicable to this transaction. Professional acknowledges that time is of the essence in performing this Agreement. City and Professional (collectively, the "Parties") agree that if Professional is late in performing any service designated as **Time Critical** on the Scope of Services attached to this Agreement, City will suffer loss, damages, or other harm from Professional's delay. The Parties agree that the amount of loss, damages, or harm likely to be incurred as a result of Professional's delay is incapable or difficult to precisely estimate, and therefore the Parties desire to stipulate the amount of such loss, damages, or harm. Accordingly, Professional shall have deducted from any amounts owed under this Agreement liquidated damages equal to the number of calendar days of the delay(s) times the daily rate, which rate shall be one-tenth of one percent (0.1%) times the compensation shown in the Scope of Services for such Time Critical service. The Parties further agree that: (i) the liquidated damages specified herein are not a penalty but rather bear a reasonable relationship to, and is not plainly or grossly disproportionate to, the probable loss likely to be incurred by City as a result of Professional's delay; (ii) one of the reasons for City and Professional to agree to such amounts is the uncertainty and cost of litigation regarding the question of actual damages; and (iii) City and Professional are sophisticated business parties and negotiated this Agreement at arm's length.

6. Remedies for Breach by Professional.

- 6.1. Breach of Contract by Professional. If the Professional violates or breaches any term, condition, or provision of this Agreement, the following remedies may be pursued by the non-breaching Party, as appropriate:

- 6.1.1. Administrative Remedies. In the event of a breach, City may impose administrative remedies, which may include but are not limited to: i. Suspension of Performance: City may suspend any or all of its obligations under this Agreement, including withholding payment or refusing to approve invoices, until the breach is remedied or resolved. ii. Corrective Action: City may require the Professional to take corrective actions, including repairing, replacing, or rectifying the work or services that do not conform to the terms of the Agreement, at the Professional's sole cost and expense. iii. Replacement of Professional Personnel: If the breach is related to the performance of the Professional's personnel, City may require the removal and replacement of the personnel involved in the breach at no cost to the non-breaching Party.

- 6.1.2. Contractual Remedies and Penalties. In the event of a breach by the Professional, City may invoke the following contractual remedies and penalties, as applicable: i. Liquidated Damages: The Professional agrees to pay liquidated damages as outlined in this Agreement, which shall apply if the Professional fails to meet the agreed deadlines,

performance standards, or other critical contractual obligations. The Parties agree that the liquidated damages are a reasonable estimation of the loss incurred due to such breach. ii. Termination for Default: In the event of a material breach that is not cured within seven (7) days of written notice, City may terminate this Agreement for default. Such termination shall be effective immediately upon the expiration of the cure period, and City shall be entitled to recover damages resulting from the breach. iii. Right to Offset: City may offset any amounts owed to the Professional under this Agreement by the amount of any penalties, costs, or damages incurred as a result of the Professional's breach.

6.1.3. Legal Remedies. In the event of a breach by the Professional, City reserves the right to pursue any legal remedies available under applicable law, including but not limited to: i. Claims for Damages: City may seek compensatory damages for any losses, costs, or expenses incurred as a result of the Professional's breach. ii. Injunctive Relief: City may seek injunctive relief to prevent or restrain the Professional from continuing its breach, including but not limited to orders for specific performance or a prohibition on further violations. iii. Legal Action: City may initiate legal proceedings, including but not limited to arbitration or litigation, to resolve the dispute and seek any remedies available under law.

6.2. Sanctions and Penalties. The Professional acknowledges that any violation of the terms and conditions of this Agreement may result in sanctions or penalties, including but not limited to: a. Disqualification from Future Work: The Professional may be disqualified from being awarded future contracts or work opportunities with the non-breaching Party, either temporarily or permanently, at the discretion of the non-breaching Party. b. Blacklist: If the breach involves fraudulent, unethical, or illegal conduct, the Professional may be placed on a blacklist, which may prevent the Professional from engaging in any future contractual relationships with City or its affiliates.

6.3. Cumulative Remedies. The remedies set forth in this section are cumulative and not exclusive. City may exercise any or all available remedies (administrative, contractual, or legal) in any order or combination, and the exercise of one remedy shall not preclude City from exercising others.

6.4. Notice of Breach. City shall provide written notice to the Professional detailing the breach and specifying the applicable remedy or penalty. The Professional shall have seven (7) days from receipt of such notice to cure the breach, unless otherwise specified.

7. **Independent Professional:** Professional is an independent Professional and is not an employee, partner, joint venture, or agent of City. Professional understands and agrees that he/she will not be entitled to any benefits generally available to City employees. Professional shall be responsible for all expenses necessary to carry out the services under this Agreement and shall not be reimbursed by City for such expenses except as otherwise provided in this Agreement.

8. **Intellectual Property:** This Agreement shall be an Agreement for services and the parties intend and consider any work created as a result of this Agreement, including any and all documentation, images, products or results, to be a work (the "Work") for hire under federal copyright law. Ownership of the Work shall belong to and remain the exclusive property of City. The Work may be edited at any time within City's discretion. If the Work would not be considered a work-for-

hire under applicable law, Professional hereby assigns, transfers, and conveys any and all rights, title and interest to City, including without limitation all copyrights, patents, rights of reproduction, rights to ownership, and right to secure registrations, renewals, reissues and extensions thereof. As the sole copyright holder of the Work, City maintains and asserts the rights to use, reproduce, make derivative works from, and/or edit the Work in any form of medium, expression or technology now known or hereafter developed, at any time within City's discretion. Professional shall not sell, disclose or obtain any other compensation for the services provided herein or the Work. If the Work is one to which the provisions of 17 U.S.C. § 106A apply, Professional hereby waives and appoints City to assert on Professional's behalf Professional's moral rights or any equivalent rights regarding the form or extent of any alteration to the Work (including, without limitation, removal or destruction) or the making of any derivative works based on the Work, including, without limitation, photographs, drawings or other visual reproductions of the work, in any medium, for City's purposes.

9. **Confidentiality:** During the course of the services to be provided under this Agreement, Professional may become privy to confidential information of City. Professional agrees to treat as confidential the information or knowledge that becomes known to Professional during performance of this Agreement and to not use, copy, or disclose such information to any third party unless authorized in writing by City. This provision does not restrict the disclosure of any information that is required to be disclosed under applicable law. Professional shall promptly notify City of any misuse or unauthorized disclosure of City's confidential information and upon expiration of this Agreement shall return to City all confidential information in Professional's possession or control. Professional shall further comply with all information security policies of City that may apply and shall not make any press releases, public statements or advertisement referring to the services provided under this Agreement or the engagement of Professional without the prior written approval of City.
10. **Warranties and Representations:** Professional warrants and agrees that Professional shall perform its services and conduct all operations in conformity with all applicable federal, state, and local laws, rules, regulations, and ordinances. For any service performed on premises owned or controlled by City, Professional warrants and agrees that Professional will perform said services in compliance with all City rules, including but not limited to, prohibitions related to tobacco use, alcohol, and other drugs.
11. **Licenses/Certifications:** Professional represents and warrants that it will obtain and maintain in effect, and pay the cost of, all licenses, permits or certifications that may be necessary for Professional's performance of this Agreement. If Professional is a business entity, Professional warrants, represents, covenants, and agrees that it is duly organized, validly existing and in good standing under the laws of the state of its formation; and is duly authorized and in good standing to conduct business in the State of Texas, that it has all necessary power and has received all necessary approvals to execute and deliver the Agreement and is authorized to execute this Agreement according to its terms on behalf of Professional.
12. **Performance/Qualifications:** Professional agrees and represents that Professional has the personnel, experience, and knowledge necessary to qualify Professional for the particular duties to be performed under this Agreement. Professional warrants that all services performed under this Agreement shall be performed consistent with generally prevailing professional or industry standards.

13. **Conflict of Interest:** Professional warrants, represents, and agrees that Professional presently has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with Professional's performance of the services hereunder. Professional further warrants and affirms that no relationship or affiliation exists between Professional and City that could be construed as a conflict of interest with regard to this Agreement.
14. **INDEMNIFICATION: PROFESSIONAL SHALL INDEMNIFY AND HOLD HARMLESS CITY, AND EACH OF ITS OFFICIALS, OFFICERS, AGENTS, AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDINGS, COSTS, DAMAGES, AND LIABILITIES, INCLUDING WITHOUT LIMITATION REASONABLE ATTORNEYS' FEES AND REASONABLE LITIGATION COSTS, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY ACTS OR OMISSIONS OF PROFESSIONAL OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF PROFESSIONAL IN THE EXECUTION OR PERFORMANCE OF THIS CONTRACT, TO THE EXTENT THE CLAIM ARISES FROM NEGLIGENCE, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY THE PROFESSIONAL OR THE PROFESSIONAL'S AGENT, CONSULTANT UNDER CONTRACT, OR ANOTHER ENTITY OVER WHICH THE PROFESSIONAL EXERCISES CONTROL. HOWEVER, PROFESSIONAL SHALL NOT BE REQUIRED TO DEFEND THE CITY AGAINST CLAIMS BASED WHOLLY OR PARTLY ON THE NEGLIGENCE, FAULT, OR BREACH OF CONTRACT BY THE CITY, THE CITY'S AGENT, THE CITY'S EMPLOYEE, OR OTHER ENTITY OVER WHICH THE CITY EXERCISES CONTROL.**
15. **Force Majeure:** Neither party shall be liable to the other for (i) any delay in performance; (ii) any other breach; (iii) any loss or damage; or (iv) any contribution to or aggravation of any of the foregoing; arising solely from uncontrollable forces such as fire, theft, storm, war, or any other cause that could not have been reasonably avoided by the party's exercise of due diligence.
16. **Notices:** Any notice given under this Agreement by either party to the other may be affected either by personal delivery in writing or by mail, registered or certified postage prepaid with return receipt requested. Mailed notices shall be addressed to the addresses of the Parties as they appear in the contract. Notices delivered personally shall be deemed communicated at the time of actual receipt. Mailed notices shall be deemed communicated three (3) days after mailing.
17. **Texas Family Code Child Support Certification:** Pursuant to Section 231.006 of the Texas Family Code, Professional certifies that it is not ineligible to receive the award of or payments under the Agreement and acknowledges that the Agreement may be terminated, and payment may be withheld if this certification is inaccurate.
18. **State Auditor:** Professional understands that acceptance of funds under the Agreement constitutes acceptance of the authority of the Texas State Auditor's Office, or any successor agency

(collectively, the “Auditor”), to conduct an audit or investigation in connection with those funds. Professional agrees to cooperate with the Auditor in the conduct of the audit or investigation, including without limitation providing all records requested. Professional will include this provision in all contracts with permitted subprofessionals.

19. **Jurisdiction:** Any disputes under this Agreement shall be brought in a court of competent jurisdiction in Galveston, Texas and governed by Texas law.
20. **Alternative Dispute Resolution:** To the extent that Chapter 2260, Texas Government Code, is applicable to this Contract and is not preempted by other applicable law, the dispute resolution process provided for in Chapter 2260 and the related rules adopted by the Texas Attorney General Pursuant to Chapter 2260, shall be used by City and Professional to attempt to resolve any claim for breach of contract made by Professional that cannot be resolved in the ordinary course of business. The Director of Finance of City shall examine Professional’s claim and any counterclaim and negotiate with Professional in an effort to resolve such claims. This provision shall not be construed as a waiver by City of its right to seek redress in the courts.
21. **Entire Agreement:** This Agreement contains the entire understanding between the Parties and supersedes all prior agreements, arrangements, and understanding, oral or written between the Parties relating to this Agreement. This Agreement may not be modified except by mutual written agreement of the Parties executed subsequent to this Agreement.
22. **Eligibility to Receive Payment:** Professional certifies that, as a matter of state law, it is not ineligible to receive the Agreement and payments pursuant to the Agreement and acknowledges that the Agreement may be terminated, and payment withheld if this representation is inaccurate.
23. **Payment of Debt/Delinquency to State:** Professional certifies that it is not indebted to the City of League City and is current on all taxes owed to the City of League City. Professional agrees that any payments owing to Professional under the Agreement may be applied directly toward any debt or delinquency that Professional owes the City of League City regardless of when it arises, until such debt or delinquency is paid in full.
24. **Products and Materials Produced in Texas:** Professional should, to the greatest extent practicable and consistent with law, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to, iron, aluminum, steel, cement, and other manufactured products. For purposes of this clause: Produced in the United States means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
25. **Risk of Loss:** All work performed by Professional pursuant to the Agreement will be at Professional’s exclusive risk until final and complete acceptance of the work by City. In the case of any loss or damage to the work, or the need to redo or revise the work for any reason except to accommodate a City request to materially alter the work, prior to City’s acceptance, bearing the costs of such loss or damage to or such redo or revision of the work will be Professional’s responsibility.
26. **Publicity:** Professional shall not use City’s name, logo or likeness in any press release, marketing materials or other public announcement without receiving City’s prior written approval.

27. **Legal Construction/Severability:** In the event that any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision, and this Agreement shall be construed as if such invalid, illegal or unenforceable provisions had never been contained in it. To this end, the provisions of this Agreement are declared to be severable. The Parties may mutually agree to renegotiate the Agreement to cure such illegality/invalidity or unconstitutionality if such may be reasonably accomplished.
28. **Limitations:** The Parties are aware that there are constitutional and statutory limitations on the authority of City to enter into certain terms and conditions of the Agreement, including, but not limited to, those terms and conditions relating to liens on City's property; disclaimers and limitations of warranties; disclaimers and limitations of liability for damages; waivers, disclaimers and limitations of legal rights, remedies, requirements and processes; limitations of periods to bring legal action; granting control of litigation or settlement to another party; liability for acts or omissions of third parties; payment of attorneys' fees; dispute resolution; indemnities; and confidentiality (collectively, the "Limitations"). Any terms and conditions related to the Limitations will not be binding on City except to the extent authorized by the laws and Constitution of the State of Texas.
29. **Sovereign Immunity:** The Parties agree that neither the execution of the Agreement by City nor any other conduct, action or inaction of any City representative relating to the Agreement constitutes a waiver of sovereign immunity by City.
30. **Authority:** The Parties stipulate that in entering into this Agreement, the City is performing a solely governmental function and not a proprietary function. Professional warrants and represents that Professional has full power and authority to enter into and perform this Agreement and to make the grant of rights contained herein. The person signing on behalf of City represents that he/she has authority to sign this Agreement on behalf of City.
31. **Non-Waiver:** The Parties specifically agree that neither the occurrence of an event giving rise to a breach of contract claim nor the pendency of a claim constitute grounds for the suspension of performance by Professional. No covenant or condition of this Agreement may be waived except by written consent of the waiving party. Forbearance or indulgence by one party in any regard whatsoever shall not constitute a waiver of the covenant or condition to be performed by the other party.
32. **Equal Employment Opportunity:** During the performance of this contract, the Professional agrees as follows:
 - 32.1. Professional will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. Professional will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Professional agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- 32.2. Professional will, in all solicitations or advertisements for employees placed by or on behalf of Professional, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 32.3. Professional will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with Professional's legal duty to furnish information.
- 32.4. Professional will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of Professional's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 32.5. Professional will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 32.6. Professional will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 32.7. In the event of Professional's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and Professional may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 32.8. Professional will include the portion of the sentence immediately preceding paragraph (a) and the provisions of paragraphs (a) through (h) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. Professional will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event Professional becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency Professional

may request the United States to enter into such litigation to protect the interests of the United States.

- 32.9. Professional agrees that it will be bound by the above Equal Opportunity Clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.
- 32.10. Professional agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the Equal Opportunity Clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.
- 32.11. Professional further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity Clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the Professional agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.
33. **Davis-Bacon Act:** If applicable but not federally required for procurements under FEMA's Public Assistance or Hazard Mitigation Assistance Programs and in addition to the requirements of this agreement, the Professional must do the following:
 - 33.1. Professional must comply with all requirements in 29 C.F.R. § 5.5(a)(1)-(11), which are incorporated into this Agreement by reference.
 - 33.2. Professional must place a copy of the Department of Labor's current prevailing wage determination in each solicitation. Contracts or subcontracts must be awarded on the condition that the prevailing wage determination is accepted. The Professional must report all suspected or reported violations to the federal agency.
 - 33.3. Contracts subject to the Davis-Bacon Act, must also include a provision for compliance with the Copeland "Anti-Kickback" Act. According to 29 C.F.R. § 5.5(a)(5), the regulatory requirements for the Copeland "Anti-Kickback" Act are incorporated by reference into the required contract provision, so a separate contract provision is not necessary. However, the Professional may include a separate contract provision specific to the Copeland "Anti-Kickback" Act.

- 33.4. Per Department of Labor's implementing regulations for the Davis-Bacon Act, the Professional's contractors and any subcontractors are required to insert, or incorporate by reference, the clauses contained at 29 C.F.R. § 5.5(a)(1)-(11) into any subcontracts.
- 33.5. Professional must follow the other requirements of the Davis-Bacon Act and implementing regulations. If applicable per this section described above, the Professional must include provisions at 29 C.F.R. § 5.5(a)(1)-(11) in full into all applicable contracts, and all applicable contractors must include these provisions in full in any subcontracts.
34. **Copeland "Anti-Kickback" Act:** If applicable for all prime construction contracts above \$2,000 when the Davis-Bacon Act also applies, the Professional must do the following:
- 34.1. Professional shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. Part 3 as may be applicable, which are incorporated by reference into this contract.
- 34.2. Professional shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The Professional shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all these contract clauses.
- 34.3. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.
- 34.4. Professional must provide weekly reports of the wages paid during the prior week's payroll period to each employee covered by the Copeland "Anti-Kickback" Act and the Davis-Bacon Act.
35. **Compliance with the Contract Work Hours and Safety Standards Act:** This section is If applicable for all procurements over \$100,000 that involve the employment of mechanics, laborers, and construction work; not including the purchase of supplies, materials, or articles ordinarily available on the open market, contracts for transportation or transmission of intelligence.
- 35.1. Overtime requirements: No Professional or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- 35.2. Violation; liability for unpaid wages; liquidated damages: In the event of any violation of the clause set forth in paragraph (a) of this section Professional and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such Professional and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph (a) of this section, in the sum of \$32 for each calendar day on which such individual was required or permitted to work

in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a) of this section.

35.3. Withholding for unpaid wages and liquidated damages.

35.3.1. Withholding Process. The applicable federal agency or grant recipient shall, upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the Professional or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this contract, any other federal contract with the same Professional, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same Professional. The necessary funds may be withheld from the Professional under this contract, any other federal contract with the same Professional, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same Professional, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the Professional's liability for which the funds were withheld.

35.3.2. Priority to withheld funds. The Department has priority to funds withheld or to be withheld in accordance with paragraph (a)(2)(i) or (b)(3)(i) of this section, or both, over claims to those funds by:

- 35.3.2.1. Professional's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- 35.3.2.2. A contracting agency for its procurement costs;
- 35.3.2.3. A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of the Professional, or Professional's bankruptcy estate;
- 35.3.2.4. A Professional's assignee(s);
- 35.3.2.5. A Professional's successor(s); or
- 35.3.2.6. A claim asserted under the Prompt Payment Act, 31 U.S.C. 3901-3907.

35.4. Subcontracts: Professional or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a) through (e) of this section and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The prime Professional shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a) through (e) of this section." In the event of any violations of these clauses, Professional, and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

35.5. Anti-Retaliation: It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

- 35.5.1. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act or its implementing regulations in this part;
- 35.5.2. Filing any complaint, initiating, or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under Contract Work Hours and Safety Standards Act or this section;
- 35.5.3. Cooperating in any investigation or other compliance action, or testifying in any proceeding under Contract Work Hours and Safety Standards Act or this section; or
- 35.5.4. Informing any other person about their rights under the Contract Work Hours and Safety Standards Act or this section.

35.6. Professional must maintain regular payrolls and other basic records during the course of the work and must preserve them for a period of three years after all the work on the prime contract is completed for all laborers and mechanics, including guards and watchpersons, working on the contract. Such records must contain the name; last known address, telephone number, and email address; and social security number of each such worker; each worker's correct classification(s) of work performed; hourly rates of wages paid; daily and weekly number of hours actually worked; deductions made; and actual wages paid.

35.7. Records to be maintained under this provision must be made available by the Professional or subcontractor for inspection, copying, or transcription by authorized representatives of the Department of Homeland Security, the Federal Emergency Management Agency, and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview workers during working hours on the job."

36. Rights to Inventions

36.1. Applicability. This provision applies only if the FEMA award meets the definition of "funding agreement" and the recipient or subrecipient enters any contract involving substitution of parties, assignment, or performance of experimental, developmental, or research work under that funding agreement, then the recipient or subrecipient must comply with the requirements of 37 C.F.R. Part 401 and any implementing regulations issued by FEMA.

36.2. Definitions

36.2.1. "Subject Invention" means any invention of the Professional conceived or first actually reduced to practice in the performance of work under this contract.

36.2.2. "Professional" means the party to this contract who is performing the work.

36.3. Professional shall disclose each Subject Invention to the Federal Agency within two months after the inventor discloses it in writing to Professional personnel responsible for patent matters.

36.4. Professional shall elect in writing whether or not to retain title to any such invention by notifying the Federal Agency within two years of disclosure. However, in any case where publication, on sale, or public use has initiated the one-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by the Federal Agency to a date that is no more than 60 days prior to the end of the statutory period.

36.5. Professional shall file its initial patent application on a Subject Invention within one year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. Professional shall file patent applications in additional countries or international patent offices within either ten months of the corresponding initial patent application or six months

- from the date permission is granted by the Commissioner for Patents to file foreign patent applications when such filing has been prohibited by a Secrecy Order.
- 36.6. The Federal Agency shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world.
- 36.7. The Federal Agency has the right to require Professional to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if Professional refuses such a request, to grant such a license itself if the Federal Agency determines that such action is necessary because Professional has not taken effective steps to achieve practical application of the Subject Invention.
- 36.8. Professional agrees that any products embodying the Subject Invention or produced through the use of the Subject Invention will be manufactured substantially in the United States, unless a waiver is granted by the Federal Agency.
37. **Clean Air Act:** For Contracts and subcontracts greater than \$150, Professional agrees: 1) to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. 7401 et seq., 2) to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the appropriate state agency, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office; and 3) to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.
38. **Federal Water Pollution Control Act:** Professional agrees: 1) to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq., 2) to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the appropriate state agency, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office and 3) to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.
39. **Debarment and Suspension:** This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such Professional is required to verify that none of Professional's employees, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- 39.1. Professional must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- 39.2. This This certification is a material representation of fact relied upon by the City. If it is later determined that Professional did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the City, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- 39.3. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period

of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

40. Byrd Anti-Lobbying Amendment:

40.1. Byrd Anti-Lobbying Amendment: Professionals who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the federal agency.

40.2. If applicable, Professional must sign and submit the following certification to the City with each bid or offer exceeding \$100,00: Appendix A, 44 C.F.R. Part 18 - Certification regarding lobbying (Certification for Contracts, Grants, Loans, and Cooperative Agreements).

40.2.1. The undersigned certifies, to the best of his or her knowledge and belief, that: (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement; (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions; (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly; and (4) This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

40.2.2. At the end of the certification language, the following language must be used: "The Professional, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Professional understands and agrees that the provisions of 31 U.S.C. Chapter 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any."

41. Prohibition on Contracting for Covered Telecommunications Equipment or Services.

- 41.1. Definitions. As used in this clause, the terms backhaul; covered foreign country; covered telecommunications equipment or services; interconnection arrangements; roaming; substantial or essential component; and telecommunications equipment or services have the meaning as defined in FEMA Policy 405-143-1, Prohibitions on Expending FEMA Award Funds for Covered Telecommunications Equipment or Services, as used in this clause-
- 41.2. Prohibitions.
 - 41.2.1. Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 prohibit the head of an executive agency on or after Aug. 13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons.
 - 41.2.2. Unless an exception in paragraph (c) of this clause applies, Professional and its subcontractors may not use grant, cooperative agreement, loan, or loan guarantee funds from the Federal Emergency Management Agency to:
 - 41.2.2.1. Procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - 41.2.2.2. Enter, extend, or renew a contract to procure or obtain any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology of any system;
 - 41.2.2.3. Enter, extend, or renew contracts with entities that use covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system; or
 - 41.2.2.4. Provide, as part of its performance of this contract, subcontract, or other contractual instrument, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.
- 41.3. Exceptions.
 - 41.3.1. This clause does not prohibit Professional and its subcontractors from providing-
 - 41.3.1.1. A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
 - 41.3.1.2. Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
 - 41.3.2. By necessary implication and regulation, the prohibitions also do not apply to:
 - 41.3.2.1. Covered telecommunications equipment or services that:
 - 41.3.2.1.1. Are not used as a substantial or essential component of any system; and
 - 41.3.2.1.2. Are not used as critical technology of any system.
 - 41.3.2.2. Other telecommunications equipment or services that are not considered covered telecommunications equipment or services.
- 41.4. Reporting requirement.
 - 41.4.1. In the event Professional identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or Professional is notified of such by a subcontractor at any tier or by any other source, Professional shall report the information in paragraph (d)(2) of this clause to the City, unless elsewhere in this contract are established procedures for reporting the information.

41.4.2. Professional shall report the following information pursuant to paragraph (d)(1) of this clause:

41.4.2.1. Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

41.4.2.2. Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

41.5. Subcontracts. Professional shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments.

42. **Domestic Preference for Procurement:** Professional should, to the greatest extent practicable and consistent with law, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to, iron, aluminum, steel, cement, and other manufactured products. For purposes of this clause: "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

43. **Build America, Buy America Act (BABAA):** Professional and their subcontractors who apply or bid for an award for an infrastructure project subject to the domestic preference requirement in the Build America, Buy America Act shall file the required certification to the City with each bid or offer for an infrastructure project, unless a domestic preference requirement is waived by FEMA. Professional and subcontractors certify that no federal financial assistance funding for infrastructure projects will be provided unless all the iron, steel, manufactured projects, and construction materials used in the project are produced in the United States. BABAA, Pub. L. No. 117-58, §§ 70901-52. Professional and subcontractors shall also disclose any use of federal financial assistance for infrastructure projects that does not ensure compliance with BABAA domestic preference requirements. Such disclosures shall be forwarded to the recipient who, in turn, will forward the disclosures to FEMA, the federal agency; subrecipients will forward disclosures to the pass-through entity, who will, in turn, forward the disclosures to FEMA. For FEMA financial assistance programs subject to BABAA, Professionals must sign and submit the following certification to the next tier (e.g., subcontractors submit to the contractor; contractors submit to the recipient or subrecipient) each bid or offer for an infrastructure project that has not been waived by a BABAA waiver:

"The undersigned certifies, to the best of their knowledge and belief, that: The Build America, Buy America Act (BABAA) requires that no federal financial assistance for "infrastructure" projects is provided "unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States." Section 70914 of Public Law No. 117-58, §§ 70901-52.

The undersigned certifies that for the (insert name of project) that the iron, steel, manufactured products, and construction materials used in this contract are in full compliance with the BABAA requirements including:

1.All iron and steel used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

2.All manufactured products purchased with FEMA financial assistance must be produced in the United States. For a manufactured product to be considered produced in the United States, the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55% of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.

3.All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

The (insert name of contractor or subcontractor), certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (insert name of contractor or subcontractor) understands and agrees that the provisions of 31U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.”

Signature of (insert name of contractor or subcontractor) Authorized Official

Name and Title of (insert name of contractor or subcontractor) Authorized Official

Date

44. **Procurement of Recovered Materials:** If applicable, Professional, in the performance of this contract, shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:(i) Competitively within a timeframe providing for compliance with the contract performance schedule; (ii) Meeting contract performance requirements; or (iii) At a reasonable price. Professional also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act. Professional should, to the greatest extent practicable and consistent with the law, purchase, acquire, or use products and services that can be reused, refurbished, or recycled; contain recycled content, are biobased, or are energy and water efficient; and are sustainable.
45. **Amendments:** Any changes, modifications, amendments, addenda, change orders, or constructive changes to this contract must meet the following criteria to be allowable under a FEMA grant or cooperative agreement award: the cost must be necessary, allocable, within the scope of the grant or cooperative agreement, reasonable for the scope of work, and otherwise allowable. The parties agree that changes to the method, price, or schedule of the work may be made without breaching the contract, provided that such changes are documented in writing and signed by both parties. Any changes must be supported by sufficient consideration and documented in a subsequent agreement signed by the party to be charged.
46. **Access to Records:** Professional agrees to provide the City, any Texas state agency, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of Professional which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
 - 46.1. Professional agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

- 46.2. Professional agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract."
- 46.3. In compliance with section 1225 of the Disaster Recovery Reform Act of 2018, the City and Professional acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States
47. **DHS Seal, Logo, and Flags:** The City, Professional and its subcontractors must obtain written permission from DHS prior to using the DHS seals, logos, crests, or reproductions of flags, or likenesses of DHS agency officials. This includes use of DHS component (e.g., FEMA, CISA, etc.) seals, logos, crests, or reproductions of flags, or likenesses of component officials.
48. **Compliance with Federal Law, Regulations, and Executive Orders:** This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. Professional will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.
49. **No Obligation by Federal Government:** The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, Professional, or any other party pertaining to any matter resulting from the contract.
50. **Program Fraud and False or Fraudulent Statements or Related Acts:** Professional acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to Professional's actions pertaining to this contract.
51. **Socioeconomic Contracting:** Professional is encouraged to take all necessary steps identified in 2 C.F.R. § 200.321(b)(1)-(5) to ensure small businesses, minority businesses, women's business enterprises, veteran-owned businesses, and labor surplus area firms are considered when possible.
52. **License and Delivery of Works Subject to Copyright:** Professional grants to the City a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, Professional will identify such data and grant to the City or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, Professional will deliver to the City data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the City.
53. **Build America, Buy America Act Preference:** Professional and subcontractors agree to incorporate the Buy America Preference into planning and design when providing architectural and/or engineering professional services for infrastructure projects. Consistent with the Build America, Buy America Act (BABAA) Pub. L. 117-58 §§ 70901-52, no federal financial assistance


funding for infrastructure projects will be used unless all the iron, steel, manufactured projects, and construction materials used in the project are produced in the United States.

54. **Creating Good Jobs:** Pursuant to FEMA Information Bulletin No. 520, Professional will comply with all applicable federal labor and employment laws. To maximize cost efficiency and quality of work, Professional commits to strong labor standards and protections for the project workforce by creating an effective plan for ensuring high-quality jobs and complying with federal labor and employment laws. Professional acknowledges applicable minimum wage, overtime, prevailing wage, and health and safety requirements, and will incorporate Good Jobs Principles wherever appropriate and to the greatest extent practicable.
55. **Buy Clean:** The City encourages the use of environmentally friendly construction practices in the performance of this Agreement. In particular, the City encourages that the performance of this agreement include considering the use of low-carbon materials which have substantially lower levels of embodied greenhouse-gas emissions associated with all relevant stages of production, use, and disposal, as compared to estimated industry averages of similar materials or products as demonstrated by their environmental product declaration
56. **Prohibitions Pursuant to Texas Government Code:** By executing this Agreement Professional verifies that Professional: (1) does not boycott Israel and will not during the term of this Agreement per Section 2274.002; (2) is not engaged in business with Iran, Sudan, or any company on the list referenced in Section 2252.152; (3) does not boycott energy companies and will not during the term of this Agreement per 2274.002; and (4) does not have a practice, policy, guidance, or directive of this Agreement against a firearm entity or firearm trade association and will not during the term of this Agreement per 2274.002.

(signature block on next page)

Executed on _____. *(date to be filled in by City Secretary)*

CROWDER GULF LLC - “Professional”

Signed by:

88FBED560EA546F...

Ashley Ramsay-Naile, President

CITY OF LEAGUE CITY – “City”

John Baumgartner, City Manager

Attest:

Diana Stapp, City Secretary

Approved as to Form:

Office of the City Attorney

Exhibit A

Scope of Services/Description of Products/Payment Schedule
(209 pages, including this page)

Debris Management Vendor for RFP 22-024.
This is the first of two optional twelve month renewals on an original 3 year contract.

See following pages for details.

Exhibit B

Not Applicable, Page Intentionally Left Blank

(Click or tap here to enter text. pages, including this page)

Original + USB

City of League City, TX

RFP 22-024

Debris Management Services

Wednesday, June 29, 2022 @ 10:00 AM



Ashley Ramsay-Naile,
President

Disaster Administration Office

5629 Commerce Blvd. E

Mobile, AL 36619

800-992-6207 Phone

251-459-7433 Fax

jramsay@crowdergulf.com

www.crowdergulf.com

Texas Office

Clayton Young, Regional Manager

11190 Circle Drive, Suite 109 A

Austin, TX 78736

Please direct all inquiries to the Disaster Administration Office located in Mobile, AL

CrowderGulf

Disaster Recovery and Debris Management

5629 Commerce Blvd. East
Mobile, Alabama 36619

Office: (800) 992-6207
Fax: (251) 459-7433

June 27, 2022

City of League City
Purchasing Department
144 Park Avenue, Suite 100
League City, Texas 77573

Re: RFP NO. 22-024 Debris Management Services

CrowderGulf is pleased to submit the enclosed proposal as a firm and irrevocable offer in response to the RFP referenced above. We want to express our desire to continue our relationship with the City of League City by entering into agreement with City for their new RFP 220024 for Debris Management Services. We believe we are the best company to provide the City with the requested services based on our personal experience working in the City following Hurricane Harvey, and our many years of experience and capabilities as synopsized below and demonstrated in the attached proposal.

As you may know, CrowderGulf is a national full-service debris management firm with over fifty-two (52) years' experience in helping communities like the City of League City recover from disasters. Having managed successful debris clean-up operations in fifteen (15) states, including Texas, we have developed one of the most capable recovery management teams in the Country. **After the 2020 Hurricane Season, the CrowderGulf Team responded to nine major disaster (7 tropical events and 2 tornados), having 28 contracts activated in six different states, including Texas.** Our disaster experience includes the completion of **over five hundred (500) disaster recovery projects** and success in removing, reducing and disposing of **over three hundred and seventy-five (375) million cubic yards of debris** and is testament to our ability to meet the scope of work established by the City.

CrowderGulf's management team includes previous FEMA Directors, Emergency Managers and qualified Debris Specialists with 50 years of training and "boots on the ground" field experience. You will find our team fully knowledgeable in all aspects of debris clean-up from operational methodology to quality control and FEMA public assistance reimbursements. We recognize that an efficient, orderly and safe debris management operation can only be achieved by experienced on-site personnel. Our key management and field staff have obtained numerous FEMA and OSHA certifications in emergency management, safety and environmental compliance and remain with you from contract activation to closeout.

The knowledge and experience of the CrowderGulf management team, coupled with our personal inventory of heavy equipment and a large cadre of dedicated subcontractors, has meant that every project has been completed successfully and within contract timelines. **Our team is dedicated to following FEMA Public Assistance Program and Policy Guidelines and meeting 2 CFR requirements.** Our past experience enables us to assemble uniquely trained and experienced project teams and match specialized equipment and resources with project execution requirements. We believe training and pre-planning are keys to a successful debris removal operation. CrowderGulf provides **pre-planning and training** to our clients **free of charge** throughout the contract term.

Page 2

CrowderGulf is committed to responding to any event in the City, regardless of size or type, with utmost promptness. **Clayton Young, Texas Regional Manager**, is a seasoned member of the CrowderGulf team. He is a lifelong Texas resident and has first-hand experience working disaster declarations within the State of Texas. He served as Regional Manager and managed multiple contracts after **Hurricane Harvey caused serious destruction throughout the State**. He has been assigned to meet the needs and requests of the City throughout the year. He can provide valuable knowledge and experience with an inherent commitment and dedication to League City. Mr. Young can be reached at 940-206-6996 or cyoung@crowdergulf.com. Or, you may contact the CrowderGulf Disaster Assistance Office at 1-800-992-6207.

Financial strength is one of the most important aspects for the City to consider when selecting a debris contractor. Following a major disaster, the City's financial burdens could be substantial. It is important to have a financially strong disaster-experienced contractor, such as CrowderGulf, that will work to get the job completed, regardless of any delays in invoice payments. **During the 2018 hurricane season (Hurricane Michael), CrowderGulf was able to self-finance nearly 95% of over \$150,000,000 in payments to subcontractors with all subcontractors being paid on a weekly basis.**

CrowderGulf's financial stability is solid and reliable and over the years we have established an excellent line of credit with our financial institution. We have always paid our subcontractors and personnel weekly. This ensures that we are able to provide the very best subcontractors for League City and that we are able to secure additional qualified subcontractors to fulfill any concurrent contracts. CrowderGulf has always met all financial obligations without interruption.

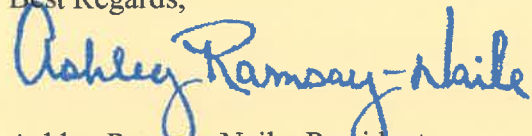
AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 150,000,000

CrowderGulf maintains *all required insurances* such as General Liability, Personal Injury, Workers Compensation, Automobile/Equipment Liability, as well as Maritime Insurance. Additional information regarding insurance has been presented with our proposal response.

CrowderGulf has encountered and successfully handled everything within the City's Scope of Work identified in the RFP. This includes removal of eligible disaster-related vegetation, construction & demolition (C&D), hazardous waste, white goods, e-goods, stump removal, marine debris removal, debris reduction and disposal etc. We greatly appreciate the opportunity to submit this proposal. **We assure you that our professional disaster debris team will continue to exceed the expectations of the City.** We will be pleased to provide any additional information that would assist the City in its deliberations and look forward to your favorable response.

As the President of CrowderGulf, I attest that this proposal is presented in fairness and in good faith without collusion or fraud and I, Ashley Ramsay-Naile, have the authority to bind CrowderGulf in all transactions relative to the award of **RFP 22-024 Debris Management Services**. In addition, Reid Loper, Vice President, also has the authority to bind the company.

Best Regards,



Ashley Ramsay-Naile, President
jramsay@crowdergulf.com / knoll@crowdergulf.com

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TAB A – Qualifications and Experience



City of League City, TX
RFP #22-024 for Debris Management Services



A. Qualifications and Experience

CrowderGulf At-A-Glance

- **Full time (365 days/yr.) Debris Management Company with over 50 years of successful experience** in debris management, removal and disposal services.
- In the last 7 years, CrowderGulf has removed over **62,000,000 cubic yards** of debris thus **giving CrowderGulf more experience than any other company in the industry.**
- **Bases of Operation:**
 - Primary **Mobile, Alabama**
 - Satellite Offices **Austin and Denton, Texas**
 - Palm Harbor, Deerfield Beach and Winter Garden, FL
 - D'Iberville, Mississippi
 - New Orleans, Louisiana
 - Hilton Head Island and Laurens, South Carolina
 - Richmond, Virginia
- **Never failed to complete** all contract obligations and never defaulted on a contract.
- **Committed to the same** Project Management Team remaining with the project from start to finish.
- Large cadre of management personnel with extensive disaster debris training and experience.
- **Completed simultaneous** debris projects after all major hurricanes **since 1969.**
- Over **500** disaster recovery projects successfully completed.
- Successfully removed, reduced and disposed of over **375 million cubic yards of debris.**
- Industry leader in **waterway debris removal**, including work after Hurricane Sandy and Deep Horizon Oil Spill.
- Fully committed to using local citizens and qualified local subcontractors to the maximum extent, including Minority Business Enterprise (MBE) owners.
- **No lawsuits, liens or judgments by clients ever** filed or pending and no bankruptcy proceedings filed or pending.
- **No lawsuits, liens or judgments by CrowderGulf to clients ever** filed.
- Over 350 pieces of company-owned/leased equipment available for rapid response.
- Experienced in providing FEMA compliant documentation to every client. We provide unlimited support and accurate documentation to help ensure that no clients are denied reimbursement.
- Well-developed and proven Debris Management and Operations Plan that is reviewed and revised after every event.
- Quality Control always maintained to reinforce the "Clean as You Go" policy for debris removal.
- Technical advice and training available to all clients throughout the contract term, at no cost to client.
- Significant financial strength:

AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 150,000,000

2020 Historic Storm Season

During the 2020 Hurricane / Storm Season, the CrowderGulf Team responded to nine major disaster (7 tropical events and 2 tornados), having 28 contracts activated in six different states. One of the most notable accomplishments is the consistent daily production rates and that CrowderGulf removed over **22 Million Cubic Yards** of debris.



a) Qualifications

Over Fifty Years of Debris Management Experience

CrowderGulf is a national full-service debris management firm, with over **fifty years** of experience throughout the United States, helping communities, like the City of League City recover from disasters as rapidly and efficiently as possible. The roots of the company began in 1969, with brothers John and Woodie Ramsay, who were recent Auburn University graduates. They grew up truck farming in south Mobile County, AL, less than 10 miles from the Mississippi State line. After Hurricane Camille devastated the Mississippi Gulf Coast, the Ramsay brothers joined forces with local contractors, to clean up Biloxi, MS and much of the Gulf Coast. The brothers' work branched out into other areas and they began doing business as Gulf Equipment Corporation in 1984, as an Alabama General Contractor licensed in seven Southeastern states. Based on the work generated, they developed three divisions in Gulf Equipment: tower erection, construction, and disaster debris management.

In 2002, CrowderGulf was formally created by John Ramsay as an independent disaster debris management company. Today, Ashley Ramsay-Naile, John's oldest daughter, is president of CrowderGulf. Ashley has continued to build a strong, qualified team, using her years of experience and excellent management skills to continue to grow and improve the Company. **CrowderGulf currently has 38 debris specialists and 150 active and reserve employees.** During the last five decades, the Company has managed over **500 disaster recovery projects in 15 states and has successfully removed, reduced and disposed of over 375 million cubic yards of debris.** CrowderGulf's current and past performance, as highlighted in this proposal, demonstrates our expertise in successfully completing multiple contracts simultaneously, regardless of their locations or the amount of damage.

CrowderGulf has encountered and successfully handled everything within the City's Scope of Work identified in this RFP. We are committed to completing every project in a minimum amount of time and in a safe, orderly, and practical manner. CrowderGulf contracts have involved disaster debris work in all eligible areas identified in FEMA's Public Assistance Program, Category A. The confidence that we can deliver services to the City effectively and efficiently is bred from our past successes.

All disaster management work is completed in full regulatory compliance with all agencies involved in disaster recovery, including the Federal Emergency Management Agency (FEMA), the Federal Highway Administration (FHWA), the Environmental Protection Agency (EPA), the Texas Department of Environment and Conservation, the Texas Department of Health and the Texas Department of Transportation. This commitment to regulatory detail has earned CrowderGulf a reputation as a company of integrity, dependability and reliability.

CrowderGulf is committed to working as a team with City personnel to facilitate the pre-planning that will assure a smooth debris removal operation in the event of a disaster. We can assist in preparing and updating Debris Management, Emergency Operations and Mitigation Plans. In addition, CrowderGulf will provide preparedness training designed specifically to meet the needs of the City. **Our training and technical advice is provided free of charge throughout the contract term.**



The CrowderGulf Staff is dedicated to providing the City of League City with priority service, quality performance and expert on-site management. The combination of CrowderGulf's human resources, extensive equipment inventory, financial capacity and experienced subcontracting teams, allow the company to honor all contractual commitments with dispatch and efficiency, regardless of geographic location or size of disaster. The depth of these integrated components will also allow CrowderGulf to respond to those special needs of the City that may not have been considered in the pre-event contract.

"Our City was devastated by Hurricane Michael on October 10, 2018, the largest disaster that the Florida Panhandle has endured in decades. With the quick activation by your company for debris hauling, the City of Parker was on the road to recovery in a matter of weeks. Your team was able to coach us through the cleanup with skill and patience as we navigated logistics and public relations hurdles."

*Richard Musgrave, Mayor
City of Parker, FL*

Additional CrowderGulf Services Available to the City of League City

CrowderGulf has a plan tailored to meet the needs and specific requirements of the City. The services provided will consist of furnishing all labor, materials, and equipment to complete and deliver full Emergency Response and Recovery Services. CrowderGulf is able to offer the City the widest possible spectrum of debris management and disaster recovery services which are itemized below:

Pre Planning & Training

Annual pre-disaster debris management planning sessions include training, review of emergency management plans, Debris Management Site (DMS) selection and other disaster recovery components.

Damage Assessment via Helicopter Flyover

After a storm has impacted a large area, CrowderGulf often implements the use of a **helicopter flyover** to assess the damage with local officials. This allows our team to prioritize which areas may need assistance sooner than others based on severity of damage, as well as see progress once work has started.



Emergency Road Clearance "PUSH"

CrowderGulf provides push services by making certain that roadways designated by the City are clear and passable within 70 working hours from issuance of a Notice to Proceed (NTP) with such clearance.



ROW & ROE Debris Removal CrowderGulf performs permitting, clearing, and/or removing FEMA eligible disaster related debris from the public rights-of-way, private property, streets, roads, canals, lakes, ponds and waterways in the City's jurisdiction as directed. Each load of debris is accurately and verifiably recorded on load tickets and presented to the City daily along with requested daily and weekly reports.

Development and Operation of DMS

CrowderGulf constructs DMS to handle the volume of debris generated in the City by the disaster. Operation of the DMS includes debris separation, reduction, recycling and proper holding, separating and disposal of hazardous waste and fluids.



DMS are fully restored to original condition after project completion. CrowderGulf can also assist in selecting and identifying appropriate DMS locations and provide site specific operational plans.

Final Debris Disposal

CrowderGulf disposes of all debris, including reduced debris, in accordance with all applicable federal, state and local laws, standards and regulations. Tipping fees are typically associated with final disposal facilities and can be paid by CrowderGulf and back billed at a later date as a pass through cost at the City's request.



Stump Removal

All stump removal will be conducted following all FEMA Public Assistance Program and Policy Guide. Stumps left on the rights-of-way will be hauled as regular vegetative debris. Only hazardous stumps that meet FEMA stump requirements will be removed upon FEMA approval. Complete documentation will be collected before and after the extraction.

Tree Trimming & Removal (Leaners and Hangers)

CrowderGulf performs tree trimming and removal in accordance with American National Standard ANSI A300. Other tasks also associated with tree trimming are tree topping, stump grinding, grubbing, clearing, hauling and disposal of trees to abate imminent and/or significant threats to public health and safety. All Tree work is directed by the City and a FEMA representative.

Demolition

CrowderGulf provides demolition services and removal of condemned structures and buildings that pose a threat to public health and safety. All demolition services requested are commenced with safety and regulatory requirements in place and all local, state and federal requirements are followed.



Derelict Vehicle Removal & Abandoned Vehicle Removal

CrowderGulf can perform all aspects of vessel and vehicle removal from land or water. Also offered is assistance with Ownership records and contact verification procedures. If needed, a storage site is established, maintained and managed for the vessel and/or vehicle holding as may be required by law. Documentation is kept on all stages of the removal of each vessel and vehicle from collection to final disposal.



Removal & Disposal of White Goods & E-Goods

CrowderGulf is experienced in the special handling of white goods (refrigerators, stoves, ac units, etc.) and e-goods (electronic equipment). All regulations on the proper disposal of hazardous fluids removal are followed.



Waterway Debris Removal & Shoreline Restoration

CrowderGulf has completed numerous projects throughout the Southeast removing marine debris from storm water drainage ditches to large rivers and canal systems.



Removal of debris from the rivers and canals can require the use of shallow draft boats and barges equipped with knuckle-booms or track-hoes with debris grapples. In shallow water areas with limited access and extremely sensitive areas, the debris will be removed by hand labor. CrowderGulf has also completed earthen fill repairs and restoration as well as armored shorelines consisting of rip-rap, (both stone and recycled concrete). Additionally, CrowderGulf has the capabilities and experience to install gabions, geo-web products and various types of bulkheads and retaining walls.

Sonar Scanning

CrowderGulf has conducted numerous large scale operations utilizing sonar imagery and underwater video and photography. Sonar scanning is a technological and efficient way to locate and remove sunken marine debris from waterways.

Technical Disaster Recovery Assistance

CrowderGulf can provide assistance with all aspects of the Public Assistance Program including damage survey reports, project worksheets, documentation support and consultations/negotiation services and any other technical assistance needed.



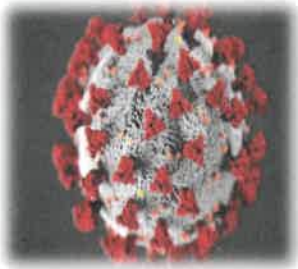
Other services CrowderGulf is experienced in are, but not limited to:

- | | |
|------------------------------------|--|
| Household Hazardous Waste (HHW) | Temporary Ice, Water and Other Consumables |
| Levee Construction | Hazardous Materials Handling |
| Land Clearing and Site Preparation | Historic Property Preservation |
| Road and Utility Work | Temporary Power |
| Services/Generators | |
| Marine Salvage | Dredging |
| Marine Construction | Pile Driving |
| Bulkhead and Pier Replacement | Bio-Mass Recycling |
| Portable Housing | Wetlands Restoration |

Cellular Tower Construction

COVID-19 Response – Personal Protective Equipment (PPE)

CrowderGulf successfully supplied critical PPE, during the height of the COVID-19 Pandemic, to Clients in several state. The PPE requested during this time was used by State Authorities and Hospital workers on the front lines, in direct need of equipment. Due to shortages in normal supply chains, CrowderGulf’s clients and partners requested help locating the critical protective equipment. CrowderGulf was able to use its resilient relationships throughout the nation and internationally to secure the requested items in a timely manner. Thus, proving CrowderGulf to be a reliable and trusted provider during this trying time.



Drone Capabilities

CrowderGulf utilizes the latest in Drone Technology to access and document projects. CrowderGulf has utilized **3D Robotics Solo Smart Drones** and **DJI Phantom Series Drones** during previous **activations**. At client's request and supplemental cost, implementation of aerial technology has provided beneficial intelligence of existing conditions to help better prepare the response for areas that are still unreachable by truck or boat. Coupled with state of the art software, real time aerial maps and models can be constructed on site to deliver information never before available to the client in a timely manner. These capabilities have increased the effectiveness of training with our



Clients, by providing recent project data and experiences to reference. *Pricing for the CG Drone Operations can be provided upon request.*

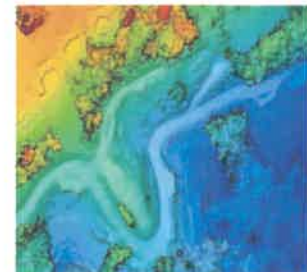
Benefits of Utilizing Drone Technology:

- High Resolution Aerial Maps of DMS or Affected Area
- Debris Estimation
- Damage Assessments
- 3D Computer Models
- High Definition Video
- Live Stream Video for EOC or other meetings
- Site/Project Documentation
- Historical Documentation
- Allows for effective decimation of information to the public showing the scope of the project
- Training
- Much more cost effective than traditional aerial platforms
- Can be deployed quickly in the most austere environments with little support

Custom Aerial Maps produced on site allow for the real time flow and decimation of critical information. These maps can be overlaid with annotations and area/volume calculations.



Advanced Topographical Maps can be generated and are useful in planning, recovery, and pickup operations.





Summary of the administration, organization, and staffing of CrowderGulf

Core Management Team

CrowderGulf Disaster Management brings a responsible and experienced organization to partner with the City of League City. CrowderGulf's extensive experience and personnel resources enables us to quickly assemble uniquely trained and experienced project teams and match specialized equipment and subcontractor resources with project execution requirements. All CrowderGulf officers, managers and supervisors have been involved in previous successful disaster related to debris operations and have been fully trained in quality control, safety, ethics and drug policies of CrowderGulf. Should we need their services we have additional management resources that include retired and semi-retired construction, City, County, FEMA, and Power Company professionals who are experienced in managing and inspecting disaster related work. We also have a standby agreement in place with various engineering companies to provide personnel for engineering services, if needed.

■ Project Management Team Member Bios

The names and biographical information of CrowderGulf's professional staff that could be assigned to the City's Management Team are provided below. Each individual is very experienced in emergency debris management. Depending on the need, additional staff may service the City. All additional CrowderGulf staff added will be upon approval of the City.

Name	Position	Email	Phone	Years' Experience
Ashley Ramsay-Naile	President	jramsay@crowdergulf.com	(646) 872-1548	27
Nick Pratt	Director of Operations	npratt@crowdergulf.com	(251) 402-5566	18
John Campbell	Regional Director – East	jcampbell@crowdergulf.com	(859) 963-8672	25+
Buddy Young	Regional Director - West	byoung@crowdergulf.com	(940) 597-4252	25+
Don Madio	Regional Manager – FL	dmadio@crowdergulf.com	(813) 285-8749	23
Barrett Holmes	Regional Manager – NY, NJ, CT	bholmes@crowdergulf.com	(864) 569-6611	25+
Clayton Young	Regional Manager - TX	cyoung@crowdergulf.com	(940) 206-6996	12
Drew Sprinkle	Regional Manager-AL, MS	dsprinkle@crowdergulf.com	(251) 423-1100	6
Reid Loper	Vice President / Senior Project Manager	rloper@crowdergulf.com	(678) 477-3755	15
Wesley Naile	Contracts Manager	wnaile@crowdergulf.com	(251) 533-5585	18
Margaret Wright	Documentation Director / PhD	mwright@crowdergulf.com	(251) 604-6346	23
Leigh Anne Ryals	Emergency Management & Quality Control Specialist	lryals@crowdergulf.com	(251) 751-8660	25+
Jeff Zemlick	Safety Manager	jzemlick@crowdergulf.com	(251) 509-9422	12
Jesus Carretie	Client Relations and Quality Control	jcarritie@crowdergulf.com	(512) 375-0229	8
Wilber Ledet	Senior Project Manager	wledet@crowdergulf.com	(228) 326-5915	12
Matt Lucas	Senior Project Manager, East Coast	mlucas@crowdergulf.com	(609) 731-2858	25+
Howard Turner	Project Manager, East Coast	hturner@crowdergulf.com	(804) 814-6197	19
Isam Brisco	Project Manager	ibrisco@crowdergulf.com	(512) 373-0586	8
Joe Hayes	Project Manager	jhayes@crowdergulf.com	(561) 315-1360	6
Lew Najor	Project Manager	lnajor@crowdergulf.com	(850) 393-9985	27
Barton Holmes	Project Manager	barton@crowdergulf.com	(864) 906-1671	5

■ Corporate Management Team / Top Level Management Personnel

The personnel listed below bring a wealth of disaster debris removal and management experience. They have been involved in management and operational decisions of all past contract activations for the past 10 years. The knowledge and expertise make them invaluable assets to any debris removal operation from startup to final invoicing and reconciliation.



Ashley Ramsay-Naile – President

Mrs. Ramsay-Naile is a Graduate of the University of South Alabama. She has been involved in managing the day to day business of CrowderGulf operations since 1995 when Hurricane Opal impacted the Florida Panhandle. She has played a vital role in establishing the Disaster Administration Office (DAO) in which she has structured and managed since its acquisition. As President for CrowderGulf, her role has provided a liaison to clients, logistics coordination with our field operations, contract negotiations, preparation of proposals, subcontractor coordination, field supervisor, project management, and all aspects of back office activities including accounts payable, accounts receivable and human resources. Having served in both field and documentation management positions, Mrs. Ramsay-Naile is very knowledgeable in all aspects of the debris recovery business and a national leader in the field. **Due to Ashley's integrity and excellent leadership skills, CrowderGulf has continued to cultivate one of the most dedicated and capable teams in the disaster debris recovery business.** Mrs. Ramsay-Naile is involved with all aspects of decision making for CrowderGulf and is an authorized contract signer for the Company.



Reid Loper – Vice President

Mr. Loper graduated from Auburn University with a bachelor's degree in Aerospace Engineering while he worked as a research and design student. Mr. Loper started his career with CrowderGulf in 2010, as Senior Project Manager (SPM) after the BP Oil Spill. As SPM, his role was managing over 1,200 personnel and 600 pieces of equipment. Managing simultaneous projects is one of Mr. Loper's strong points and the BP project consisted of managing eight forward operating bases throughout the Alabama area of responsibility. In 2012, he took on the task to oversee CrowderGulf's Hurricane Sandy Response for the New Jersey Department of Environmental Protection Agency. Since 2012, he has been directly involved in overall company operations for all debris missions in which CrowderGulf has responded. During this time period, managing the removal and disposal of over **50 million cubic yards of debris**. In 2017, Reid was promoted to Vice President of CrowderGulf. As Vice President, he played an integral role after the unprecedented 2017 Storm Season. This involved the management of 93 simultaneous contract activations and over 150 project managers. In 2018, the Florida panhandle was devastated by Hurricane Michael, the first Category 5 hurricane to make landfall since 1992. Reid oversaw Hurricane Michael's debris missions, which resulted in the removal and disposal of over **14 Million Cubic Yards of debris**. Mr. Loper also oversees CrowderGulf's Special Projects Division, which includes our waterway debris removal operations, including projects from New Jersey, Florida, Alabama, and Texas; making him nationally renowned as one of the leading experts for water borne debris removal. Mr. Loper bids and oversees various types of construction projects under this division. **Currently, Reid is managing the debris missions for Hurricanes Delta and Laura in Louisiana and Sally in Alabama and Florida.** Mr. Loper is a LEED Accredited Professional with certifications in NPDES and FEMA courses. Mr. Loper has a current OSHA 30 and Hazwoper 40 certification, is NIMS certified and holds general contractor licenses in the following states: Virginia, South Carolina, Georgia, Alabama, Mississippi, and Louisiana.





Nick Pratt – Director of Operations

Mr. Pratt serves as CrowderGulf's Director of Operations. His ability to coordinate our field assets and subcontractor resources has proved invaluable to the overall success of our many projects. Nick began his work at CrowderGulf in 2004 as an equipment operator and crew foreman following Hurricane Ivan. Having completed this large debris removal operation with great success, Nick's talents and abilities were used again to provide field supervision over crews in Pascagoula, MS following Hurricane Katrina in 2005 and in Texas after Hurricane Ike in 2008. Nick supervised and managed several hauling crews until the final cleanup work was completed in Bolivar, Texas.



Nick was promoted to Project Manager in 2010 and was assigned project management duties for the BP Deep Water Horizon Oil Spill cleanup. He initially handled all of the logistics for the Oil Spill project, putting hundreds of pieces of CrowderGulf equipment in place and directing and training hundreds for CrowderGulf employees throughout the operation. Nick has continued to assist our team by providing his expert knowledge and leadership in the field to complete any assignment given to him on or ahead of schedule. Nick has played a vital role as project manager for our large waterway debris removal contract with the New Jersey Dept. of Environmental Services, as a result of Hurricane Sandy in 2012. From 2012- 2018, Nick has worked numerous disaster responses for CrowderGulf providing Project Management and asset coordination assistance for multi-state responses. Most recently, Mr. Pratt worked to secure subcontractors, field personnel, equipment and assets in 2017 after Hurricane Harvey struck the Texas Coast. Hurricane Irma devastated Florida two weeks later and he remobilized and oversaw the same task items along the Florida Coast. He managed to supply necessary subcontractors and equipment to all **91 activated contracts** in Texas and Florida after those two historical storms. In addition, Mr. Pratt has been the Senior Project Manager in the field for the Florida Department of Environmental Protection waterway debris removal project that occurred after Hurricane Irma. Multiple Counties throughout Florida activated contracts and he worked with Project Manager to remove approximately **250,000 Cubic Yards** of waterway debris.

In (2018), Mr. Pratt provided leadership and resource assets for CrowderGulf's simultaneous activations in North Carolina following Hurricane Florence in which CrowderGulf had 20 contract activations and in the Florida Panhandle for 11 additional contract activations following the devastating Category IV, Hurricane Michael. Mr. Pratt's ability to assess each project's needs and assign personnel and inventory assets has been instrumental in our ability to meet each contract activation with the necessary resources to quickly and efficiently respond to each client. Mr. Pratt attended the University of South Alabama. He also holds certificates in CPR and First Aid, 40 hour HAZWOPER and refresher and in 30 HR OSHA Construction and has over a decade of Disaster Debris Management Experience. (NIMS Trained)

Raymond "Buddy" Young – Regional Director- Texas

Mr. Young was **Regional Director of FEMA Region VI from 1993 – 2001** and served as Administrator for 133 federally declared disasters and emergencies. He is nationally known and recognized in the Emergency Management field and is extremely knowledgeable about FEMA policies and procedures. He is a retired Captain of the Arkansas State Police where he served for 26 years. As the Director of Operations, Mr. Young has been directly involved in the field operations for all major disasters from Hurricane Isabel in 2003.



Mr. Young's FEMA knowledge and experience is invaluable to both CrowderGulf and all clients as decisions must be made during the cleanup operation. Mr. Young is one of the most knowledgeable people working in the debris management field with firsthand experience in managing major disasters. He is also a current member of the Board of Directors for Disaster Recovery Contractors Association (DRCA). (NIMS Trained)

Clayton Young – Regional Manager - Texas

Mr. Young has been employed with CrowderGulf since 2010. He has served as the Texas and Louisiana client representative in that time, as well as project manager for a number of disaster activations. He spent parts of 2010-2011 in Galveston County Texas overseeing operations for a buyout mitigation program that turned 800 properties destroyed by Hurricane Ike, into green space on the Bolivar Peninsula. He was responsible for bidding and estimation of cost and reconstruction of these properties. After that project was completed, he spent time as a field supervisor in Alabama after the tornado outbreak in 2011.



Clayton was promoted to a project manager and oversaw debris removal efforts in North Carolina for the NC DOT after Hurricane Irene, Montgomery and Waller Counties in Texas after they were flooded on April 15, and Memorial Day in 2015. In addition, he was called to action in Central Louisiana for flood cleanup in 2016. In 2017, Hurricane Harvey caused significant damage to the entire State of Texas and Clayton served as project manager for the Cities of Dickinson, Friendswood, La Marque, Santa Fe, Clear Lake Shores, Jones Creek, Lake Jackson and Galveston County. After completing those projects in 2018, he switched gears and managed waterway restoration projects under a contract with the Texas General Land Office on the Colorado, San Bernard, and Brazos Rivers, as well as Chocolate Bayou and Oyster Creek. In late 2018, after Hurricane Florence hit the East Coast and Carolinas, he managed the debris recovery operations in Duplin County North Carolina. In early 2019.

Mr. Young headed back to the City of Dickinson, TX as project manager for the Dickinson Bayou cleanup and de-snagging project under the Natural Resources Conservation Service (NRCS) Mr. Young has spent time studying and living abroad which has given him unique worldview and the ability to understand and communicate with a wide range individuals. He understands the bid process, contracting, mobilization, operation management, documentation and close out of disaster recovery projects. He excels at building close client relationships, business development and servicing pre-event contracts for Client's needs such as training and pre-planning. Clayton graduated from the University of North Texas where he focused on Entrepreneurial Management and International Business Practices. NIMS Trained

Isam Brisco - Project Manager - Texas

Mr. Brisco is a Graduate of the University of North Texas. He is currently managing the debris removal operations in Calcasieu Parish, Louisiana. He has overseen all of the day to day operations of a project that, at its peak had over 200 trucks removing over 98,000 cubic yards of debris from the ROW daily. He has located and permitted 12 Disaster Management Sites in strategic locations throughout Calcasieu Parish to more effectively remove debris from the ROW. He is the liaison between the subcontractors, monitoring company, and client to ensure all aspects of the job are running smoothly and the client's needs are met. He has seamlessly managed a project that has removed, reduced, and hauled to final disposal over 6,200,000 cubic yards of debris as of January 2021.



In Western Bay County, Florida, Mr. Brisco was the project manager following Hurricane Michael in October 2018. His responsibilities were: Running PUSH Operations to clear streets immediately after Hurricane Michael. Locating and permitting suitable temporary disaster management sites, mapping and plotting debris on all County roads. Debris estimations for the County, delegating debris zones to subs and ensuring they adhere to assigned zones. Supervising operations at Debris Management Sites. Removed 1,993,900 cubic yards of debris from ROW as of the end of 2020.

Managed Debris Removal Operation in Dickinson, TX after flooding from Hurricane Harvey, September 2017–March 2018. Found a suitable temporary Disaster Management Site for increased efficiency of haul in and reduction of C&D. Communicated with the City on a daily basis to update on progress and to prioritize areas for debris pickup. Mapped and plotted all of the roads in the City and relaying the maps to trucks. Zoned the City maps and assigned zones to trucks, worked with Monitoring Company to ensure the job ran smoothly. Oversaw haul out of compacted debris to final disposal, set up and supervised pick up and disposal of White Goods & HHW. Successfully removed, reduced, and hauled to final disposal over 230,000 cubic yards of C&D. (NIMS Trained)

Gary Jones – FEMA Specialist and Technical Assistance Manager

Mr. Jones has over 28 years working for the Federal Emergency Management Agency (FEMA). He served as **Deputy Regional Director of FEMA Region VI for 17 years**. During those 17 years as Deputy, he also served as Acting Regional Director for 4 years. Mr. Jones was responsible for administration of emergency management programs in the FEMA Region VI states of Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. He provided direct oversight and implementation of response and recovery operations for presidentially declared disasters in the five-state region. Additionally, Mr. Jones served as a Branch Chief managing several Technological Hazards Branch programs to include Radiological Emergency Management Preparedness, Radiological Defense, and Hazardous Materials, Earthquake and Hurricane Preparedness, Dam Safety and Chemical Stockpile Emergency Preparedness programs. He was designated Federal Coordinating Officer for Hurricanes Katrina, Rita and Georges and provided executive leadership to over 300 federally declared disasters. Mr. Jones has a Master's Degree from Tulane University and a Bachelor's Degree from the University of Arkansas. (NIMS Trained)



Margaret R. Wright, Ph.D. – Senior Documentation Director

Dr. Wright has over 25 years of professional training and managerial experience. As a vital member of CrowderGulf's Senior Management Team, her roles include technical proposal writing, training developer and facilitator, regulations compliance, management of record keeping, including day-to-day operations of work completed, communication and coordination with contracting entities during reconciling process, and conducting formal evaluations at completion of projects. Dr. Wright has worked in field operations setting up and managing field offices, hiring and training personnel to work with all required documentation, and at CrowderGulf's Disaster Assistance Office (DAO) after all major disasters since 2003. In 2017, Dr. Wright worked **onsite** with our Client and their monitoring firm to assure that documentation and FEMA reimbursement went smoothly after Hurricane Hermine caused damage in the Florida. She worked to properly invoice and document approximately 9 Million Dollars for the City of Tallahassee and Leon County. Most recently, she and her team worked to invoice and reconcile over **180 Million Dollars** for Hurricane Irma and over **86 Million** for Hurricane Harvey. (NIMS Trained)





Leigh Anne Ryals, ALEM, CLEM – Emergency Management and Quality Control Specialist

Mrs. Ryals has over 17 years of experience and training in Emergency Management. She has 11 years serving as an Emergency Management Director and 5 years serving as a Disaster Public Information Officer. She has worked 12 Presidential Disaster Declarations and one Incident of National Significance, the Deep Water Horizon oil spill, and of those disasters she served as Incident Commander for eight of those events prior to starting work with CrowderGulf. Mrs. Ryals joined CrowderGulf in 2011 and immediately began work in North Carolina following Hurricane Irene. She used her knowledge of the FEMA Public Assistance Reimbursement Program and experience to provide quality control and project oversight to assist our team and our clients in program policy and procedures.



Since that time, Mrs. Ryals continues to provide quality control technical assistance and policy guidance to our staff and clients. Mrs. Ryals experience includes writing Debris Management and Mitigation Plans for County and Municipal Governments. She is extremely knowledgeable with FEMA's public assistance policies and procedures and has been successful in the FEMA appeals process. She has served as a member of the FEMA Hurricane Liaison Team and testified before the 110th and 111th U.S. Congress on Hurricane Katrina Preparedness and Response Initiatives – Best Management Practices. She obtained valuable knowledge in documentation proper damage survey, reports/technical writing, and extensive knowledge on FEMA policy and procedure. Mrs. Ryals learned first-hand the type of documentation and determination it takes to be successful in an OIG / FEMA audit. In addition, Mrs. Ryals has provided Project Management assistance to clients following Hurricane Matthew in Georgia, Hurricane Harvey in Texas and most recently, she served as Project Manager for the City of Daphne in Baldwin County, Alabama following Hurricane Sally. She is a Licensed and Certified Alabama Emergency Manager; and a NIMS 300 & 400 Course Instructor. She holds numerous FEMA and State Emergency Management Certifications.

Jeff Zemlik – Safety Manager

Mr. Jeff Zemlik graduated from Columbia Southern University, graduating with degrees in Occupational Safety and health as well as Organizational Management. Originally hailing from the Chicagoland area, Mr. Zemlik joined the CrowderGulf team in 2010 during the BP oil spill. During this cleanup effort, Jeff headed up the contractor safety program for the state of Alabama.



Every CrowderGulf activation requires Safety in the field, and Mr. Zemlik's field presence is one of his strongest qualities. Regardless of size, safety policy and procedure is strictly enforced, either by Jeff personally, or by the team of trained safety professionals managed by Mr. Zemlik. During Hurricanes Harvey and Irma, Jeff directed the safety program for over 1,500 hauling trucks doing work in 3 States without recordable injuries or fines. In addition, provided operational oversight for debris removal operations in Brazoria County, TX. 2018's Hurricane Michael saw Jeff taking lead in Panama City's "PUSH" operations, providing oversight for the City's leaner/hanger program and removal of trees from publically owned spaces, as well as providing safety leadership to the entire area of operations. During the hyper active hurricane season of 2020, Jeff spearheaded supplying PPE to various government agencies pertaining to COVID-19 protection. 2020 Project highlights include, removal of 60,000 yards of seaweed after Hurricane Cristobal, over 200 PUSH crews post Hurricane Laura, and working closely with the Audubon Society of New Orleans, LA for post Hurricane Zeta cleanup at several of their unique facility's housing common zoo animals and endangered species.



Since taking over the leadership of CrowderGulf Safety program, there have been zero OSHA recordable cases, zero fines or citations and CrowderGulf safety performance and modification rate have consistently been well below industry standards. In addition to his accredited degrees, Mr. Zemlik holds his OSHA 500, trains all HAZWOPER associates, USACE CQM and 385-1-1 training. He also has his Asbestos Inspector and Supervisor Certifications. Mr. Zemlik also manages the companies DOT program, and is trained in Fishbone root cause analysis, incident inception. Additional training and certifications include: SONS & TWIC, OSHA 10 hour General Industry, OSHA 510 & 500, Leadership & influence. Most recently, Jeff has obtained his ISA Certified Arborist classification and is a local ISA member of both Texas and Florida Chapters. (NIMS Trained)

Wesley Naile - Contracts Manager

Mr. Naile has had experience in the disaster and recovery field since 2004 when he served in Volusia County, Florida as a CrowderGulf's Field Manager during Hurricane Charley, Frances and Jeanne. In 2005, he was assigned the role of Logistics Coordinator working out of the disaster administration office, coordinating materials, equipment and subcontractors to CrowderGulf's clients. Mr. Naile's roles now include the management of the pre-event contracts database information, coordinating with new and existing clients in establishing pre-event contract awards and contract documents and coordinating with clients on contract renewals. In 1999, he worked for Gulf Equipment Corporation Wireless Telecom Division on the southern east coast doing tower site build out. He has attended the University Of South Carolina Of Beaufort. He also served three years in the U.S. Army as a 12B Combat Engineer with an honorable discharge. (NIMS Trained)



John Campbell – Regional Director

Mr. Campbell has experience in disaster response planning and management since 1968. He has a B.S. degree in Political Science from the University of Southern Mississippi and a Master's degree in Logistics Management from the Florida Institute of Technology. After retirement from the U.S. Army as a full Colonel with 30 years of service, he served for six years as Chief of Operations for Lee County Emergency Management in Fort Myers, Florida. He has direct experience in debris recovery operations from Hurricane Iniki in Hawaii and Hurricanes Charley, Ivan and Wilma that impacted Southwest Florida. He also provided mutual aid to Escambia County, Florida following Hurricane Ivan. During his 36 years of public service, he amassed an extensive background in high-level management, disaster response and training. He also trains CrowderGulf clients in all facets of debris management, Incident Command System (ICS), National Incident Management System (NIMS) and the FEMA PA program process. Mr. Campbell was previously qualified as an accredited Professional Emergency Manager through the Florida Emergency Preparedness Association (FEPA) and remains active in the organization. (NIMS Certified Instructor)





Barrett Holmes – Regional Manager

Colonel Retired Holmes joined the CrowderGulf Management Team with more than 30 years of successful leadership and management experience with the United States Army. He is a combat veteran of the United States Army with a distinguished military career where he successfully led engineer units from the platoon to brigade level. He commanded the 20th Engineer Battalion, and was assigned to the First Brigade Combat Team of the First Cavalry Division, Fort Hood Texas. The Battalion was awarded the Army Valorous Unit Citation Award for their combat service during Operation Iraqi Freedom II. Under his leadership, the 20th Engineer Battalion supervised construction projects valued at over \$718 million in eastern Baghdad, Iraq under austere conditions.



Following his service in Iraq, Colonel Holmes was selected to command the Japan Engineer District in Tokyo, Japan. As the District Engineer, he led the design and construction agency for all United States forces and federal agencies in Japan and was responsible for a multinational construction program valued at over \$975 million. Colonel Holmes then served as the Defense Coordinating Officer (DCO), the Principal Department of Defense representative with the Federal Emergency Management Agency (FEMA) Region IV. He coordinated Department of Defense resources for numerous disasters to include Hurricanes Earl, Isaac, and Sandy, and provided extended support for the United States Coast Guard during the Gulf Coast clean-up following the Deep Water Horizon oil spill.

As a Regional Manager for CrowderGulf, following Hurricane Matthew in October 2016, his team was responsible for 17 projects and removal and disposal of over 4.3 million cubic yards of storm debris. When Hurricane Irma devastated Florida in September 2018, he was able to assist with the Florida recovery efforts and was responsible for numerous projects throughout a multi-state area. This was part of the team effort in Florida to remove and dispose of over 11.8 million cubic yards of storm debris. During Hurricane Florence in September 2019, he provided leadership and management expertise for 19 projects to remove and dispose of over 2.1 million cubic yards of storm debris.

He received a BA degree from Clemson University, an MA degree from the University of Florida and is a graduate of the Army War College with a Masters of Strategic Studies degree. He also affiliated with the Society of American Military Engineers and the Army Engineer Association. (NIMS Trained)

Don Madio – Regional Manager

Don Madio is a life-long resident of Florida and serves as CrowderGulf's Florida Regional Manager. Mr. Madio began his career in the disaster recovery industry in 1999. Since that time, he has served on more than 150 mid-to-large scale disaster recovery, waterway, and debris management projects, and found he enjoys the many challenges of working under pressure and problem solving the industry brings. Upon taking a position with CrowderGulf following Hurricane Mathew, Don oversaw seven debris removal and waterway projects that were successfully completed within the client's time frame and contract specifications. Shortly thereafter, in 2017, Don became Florida's Regional Manager following the devastation of Hurricane Irma, one of the most powerful and damaging Atlantic hurricanes ever recorded. His extensive management experience, multi-tasking and organizational skills served him well, as he was tasked to oversee operations throughout the state.





Don and his team of project managers and field supervisors successfully managed 64 debris management and waterway projects, helping to remove and dispose of over 11.8 Million Cubic yards of Hurricane Irma generated debris. In 2018, Don and his team managed six simultaneous projects on the West Coast of Florida after a historical Red Tide event generated millions of tons of putrefied marine life along Florida's shoreline. Shortly thereafter, Don supervised all of Hurricane Michael's debris management projects in the Florida Panhandle, where over 15 Million Cubic Yards have been removed and disposed. Recently, Don managed activations in Okaloosa County, FL and Harrison County, MS, following Hurricane's Sally and Zeta during the active 2020 hurricane season. When he isn't in the midst of storm season, Don enjoys traveling the state and building relationships with clients, as well as providing contract maintenance, training, and technical assistance. A seasoned believer in pre-planning and operational improvement, Don also administers annual training to project managers, field supervisors, and regional subcontractors. Mr. Madio is a University of Florida graduate, holds multiple FEMA and USACE certifications and is NIMS trained.

Drew Sprinkle- Regional Manager

Mr. Sprinkle has a BSBA Degree from Auburn University in Supply Chain Management. He first worked with CrowderGulf in 2008 following Hurricane Ike on the Bolivar Peninsula in Texas as a field supervisor, and again during the BP Oil Spill in 2010 as a logistics supervisor. After receiving his degree from Auburn, he worked as an Account Manager for a third party logistics firm where he managed multiple high volume logistics accounts for customers in the construction and steel industries. Drew returned to the Debris Management industry as a Project Manager in 2017, when Hurricane Harvey struck the Texas coast. Mr. Sprinkle has served as a Project Manager on a wide variety of projects.



In 2018, Drew supervised over 200 employees and used innovative techniques to remove over 4,000 tons of dead marine life in south Florida following a massive Red Tide Fish Kill. Following flooding in Horry County, SC caused by Hurricane Florence, he was the Project Manager for the South Carolina Department of Transportation (SCDOT) and worked to remove flood debris from the 1,200 square mile county. Hurricane Michael hit the Florida Panhandle in the fall of 2018, and he served as the Project Manager for both the City of Parker and the City of Lynn Haven, Florida. During this activation, Drew successfully directed the removal and disposal of over **1.2 MILLION CUBIC YARDS** of debris. Most recently, Drew was Project Manager for the City of Gulf Shores, AL after Hurricane Sally caused widespread damage in the area. When not actively working in the field, he is also tasked with technical writing and the organization of proposals. He holds General Contractor License's in Alabama, North Carolina, and California. Drew also has certifications in OSHA 30, TWIC, and NIMS.

Wilber Ledet – Senior Project Manager

Mr. Ledet's disaster experience with CrowderGulf began after Hurricane Ike with the managing of the wet debris targets identified by sonar from West Galveston Bay, Tiki Island and Omega Bay, TX. This project also included his expertise in managing the stored vessel reclamation program in which he assisted in the removal of hazardous substances from the vessel and coordinated its proper disposal. From 2010 to 2012, Mr. Ledet managed up to 800 Hazwoper certified responders and facilitated meetings with Environmental Teams and BP officials, serving as project manager, assigned to the Deepwater Horizon Oil Spill.





In 2012, following Hurricane Isaac, Mr. Ledet was assigned as Project Manager to oversee the sand removal, sand screening and beach berm construction for the Town of Dauphin Island, AL. This project included sea oat replacement, and the management of the right of entry program for sand reclamation on private property. Following Super Storm Sandy in 2012, Mr. Ledet was assigned as project manager to oversee the wet debris removal from Barnegat Bay, NJ, and successfully completed removal and disposal of over 700,000 yards of wet debris. Mr. Ledet has also served as Project Manager for Ice Storm Pax (NC), and 2014 Tornado Outbreak in Limestone County (AL). Mr. Ledet worked as the Project Manager after the 2015 Severe Floods that devastated Columbia County (SC) in early October, 2015. Most recently, Mr. Ledet managed the floods in Ouachita Parish (LA) and Brazoria County (TX). In late 2016, the City of Central (LA) suffered some severe flooding and Wilber lead the CrowderGulf Team during the removal operations within the City and East Baton Rouge Parish. Mr. Ledet also was the Senior Manager on Hilton Head Island (SC) which resulted in the removal and disposal of over **2.8 Million Cubic Yards** of debris. After Hurricane Matthew, he worked on the waterway debris removal project in Brevard and Volusia County (FL) for the Florida Department of Environmental Protection. In 2017, Mr. Ledet was deployed to **Aransas County, Rockport and Corpus Christi after Hurricane Harvey** caused extensive damage to the area. As Senior Project Manager, he was in charge of all 3 locations and he and the CrowderGulf Team removed and disposed of approximately **2.5 Million Cubic Yards** of debris.

Joe Hayes-Project Manager

Joe Hayes grew up around the storm relief and disaster debris management industry. Combined with a strong background in general contracting, agriculture, and various other aspects of debris management, he is accustomed to providing the leadership and oversight to complete projects expediently, efficiently, and to the clients' utmost satisfaction. In 2016, Joe joined CrowderGulf team as a field supervisor in the wake of Hurricane Matthew. In 2017, following Hurricane Irma, Joe was tasked as a Project Manager; managing a number of projects throughout the South Florida area after Irma caused widespread damage throughout the state. Through these projects and the combined effort of the CrowderGulf team, **10 MILLION CUBIC YARDS** of Hurricane Irma related debris were managed and disposed of; facilitating an extensive statewide recovery. In 2018, following the devastation of Hurricane Michael's effect on the Florida Panhandle, Joe was tasked with managing the removal and disposal of debris left by this strong category 5 hurricane in Jackson County, FL. Mr. Hayes, along with his CrowderGulf team were able to mitigate the challenges of such a large scale disaster all the while employing innovative support and leadership to provide relief to the devastated county. He and his team of field supervisors oversaw hundreds of assets and personnel; providing the logistics that resulted in over **2.5 MILLION CUBIC YARDS** of debris being removed and disposed of in Jackson County alone. In 2020, Mr. Hayes along with other key members of the CrowderGulf management team were sent to Calcasieu Parish, Louisiana after Hurricane Laura tore through the state, with winds peaking at over 140 MPH. Having been tasked with managing the recovery effort in the unincorporated portion of the Parish, Joe and his colleagues have removed over **7 MILLION of the estimated 12.5 MILLION CUBIC YARDS** of debris for the Parish and its included municipalities to date. Along with Joe's experience in managing the aforementioned large-scale disaster recovery projects, he has also managed a broad range of other debris projects throughout Florida and the southeast. When he is not in the field, Joe is a CrowderGulf representative for the South Florida area, ensuring the utmost level of preparedness and support for each client. Mr. Hayes is a Florida native, a lifelong Palm Beach County resident, and is an honors graduate of Florida Atlantic University.





Matt Lucas- Project Manager

Mr. Lucas has over 25 years of extensive experience in debris clean up. He worked for the state of New Jersey and the New York Port Authority during the destruction of the world trade centers, and was instrumental in the construction of various logistical sites for the cleanup operations. In 2012 he was the Senior Project Manager managing clean-up operation for Hurricane Sandy and was instrumental in the right of way collections, PPDR, waterway debris removal, vessel recovery, and dredging ICW/marinas that were impacted. He also managed clean-up efforts in Raleigh, North Carolina and Fayetteville, North Carolina for hurricane Matthew this included right of way collection, set up and close out of temporary debris sites. Mr. Lucas was also involved in vessel recovery and salvage operations Beaufort, South Carolina. He managed the hurricane Harvey clean up in Port Arthur, TX, which resulted in **1 million cubic yards** of debris removed and properly disposed. More notably Mr. Lucas was the Sr. Project manager for hurricane Michael which devastated Panama City, FL. Mr. Lucas had over sight of all right of way, ditches, PPDR clean up and managed six temporary debris manage sites, which resulted in **4 million cubic yards** of debris removed from the city. He has owned and operated several business through his career. He has held a New Jersey A901 disposal license, a New Jersey electrical license, 100 ton U.S. Coast Guard License, and a CDL



Jesus Carretie – Client Relations and Quality Control

Jesus Carretie is a Floridian and serves the CrowderGulf team in a variety of aspects including Data Management, Invoicing, Proposal Writing, Project Management, and Business Development. Mr. Carretie began his career in the Emergency Management and Disaster Recovery fields in 2014. During the severe Winter Storm that affected South Carolina in 2014, Mr. Carretie assisted in the data management and invoicing for the removal of over 150,000 hazardous limbs/trees and over 2 million cubic yards of disaster generated debris. Soon after this, his interest continued to grow in the industry which led Mr. Carretie to work in several facets of the Emergency Management world after Hurricane Hermine, Hurricane Irma, Hurricane Michael, and most recently the 2020 Oregon Wildfires. Mr. Carretie always wanted to become well rounded in the EM industry which led him to pursue positions working as a Senior Grants Specialist in FEMA Public Assistance projects, Production Manager in a Community Development Block Grant-Disaster Recovery project, and Data & Invoice Specialist/Branch Director in several Debris Management projects. The Debris Management specific projects were the 2014 South Carolina Winter Storm (DR-4166-SC) (Debris Amounts referenced above), Hurricane Hermine (DR-4280-FL) (36,000 hazardous limbs/trees and 148,000 CY of debris), Hurricane Irma (DR-4377-FL) (200,000 hazardous limbs/trees and 10 million CY of debris), and the 2020 Oregon Wildfires (DR-4562-OR) (100,000 trees and 76,000 CY of debris). *Fluent in Spanish*



Robert Lewis Najor – Project Manager & Quality Control

Robert (Lew) began work for CrowderGulf in 2017 following a 25 year career with the United States Army Corps of Engineers (USACE). While at the USACE, Robert held such positions as Project Manager and Construction Quality Control (CQC) Manager. Robert worked USACE projects for debris management services from 1993 – 2016. Robert's industry knowledge of disaster and debris related projects with the USACE and civilian contracting companies has led to his in depth experience with removal and reduction, beach restoration, levee enlargement and buildup, operation Blue Roof projects, and





flood control across the Gulf Coast. In addition to his extensive industry background, Robert is certified by the United States Army Corps of Engineers for Construction Quality Management for Contractors, and he is also certified by the State of Florida Department of Business and Professional Regulation as an Underground Utility and Excavation Contractor. Furthermore, he holds a Class B certified driver's license, and is a heavy equipment operator. Robert brings to CrowderGulf his strong understanding of the USACE Quality Assurance and Quality Control Program. His experience and ability to provide damage assessment has been critical for evaluating the aftermath of disaster events in order to help Clients. His training and experience with debris and project management and his understanding of the complexity of CQC Management has been instrumental in the successful completion of many of CrowderGulf's debris removal projects.

Howard Turner - Project Manager

Mr. Turner has a long career spanning over 2 decades experience in the debris management industry. He began his management career at Grind-all where he oversaw scheduling and operations of four grinders, three screens, mulch coloring plant, fifteen loaders, excavators, trucks, and miscellaneous equipment. He was also responsible for the operation of three dumping and grinding sites for preparation of mulch, topsoil and organic growing media. After Hurricane Isabel devastated the eastern portion of Virginia and the Carolina's in 2003, Mr. Turner utilized his experience in DMS and debris reduction management for CrowderGulf. Mr. Turner served as the Project Manager in Virginia Beach, Norfolk, Suffolk, Newport News, and the Counties of James City, Southampton, York, and Suffolk. He was responsible for all aspects of disaster debris collection, recordation, reduction, damage claims and client contact. In 2004, Mr. Turner served as the Project Manager for Lee County, Cities of Ft. Meyers and Cape Coral, Sanibel and Captiva Islands, and Upper Captiva Island after Hurricane Charley and Frances damaged the area. He was responsible for day-to-day management of all disaster recovery activities including collection crews and equipment, debris reduction and disposal, site restoration and acting as the Liaison with the municipalities, the Corps of Engineers and FEMA. Then in 2011, Mr. Turner managed York County, VA after Hurricane Irene effected the area. Most recently, Mr. Turner managed the Hurricane Irma debris management operation for numerous clients in the center portion of Florida.



Amber Ramsay – Public/Community Relations and Marketing Manager

Ms. Ramsay has been CrowderGulf's Public/Community Relations and Marketing Manager since 2004. Throughout the year she interfaces with Clients and acts as CrowderGulf's (continuing education) Conference Coordinator. During a disaster, one of her main responsibilities is to liaison between CrowderGulf's Project Managers and USACE, elected officials, public work directors, incident commanders of Emergency Operations Centers and Clients. She coordinates directly with Public Information Officers and assists in the release of pertinent debris recovery operations to the citizens. Some of her field experience includes Field Supervisor in Pascagoula, MS after Hurricane Ivan in 2004, Lake Charles, LA after Hurricane Rita in 2005, Deere Park, TX after Hurricane Ike in 2008, and in Edenton, NC after Hurricane Irene in 2011 and Dauphin Island, AL after Hurricane Isaac in 2012. Prior to coming to CrowderGulf she was a Marketing/Sales Manager for McKenzie-Childs in New York City for 10 years. Ms. Ramsay is a Graduate of Auburn University. (NIMS Trained)





Gina Walley – Accounts Receivable Manager / Documentation Specialist

Ms. Walley has been the Accounts Receivable Manager and Documentation Specialist since 2005. She continually interfaces with clients and client representatives to build a strong team relationship to provide accurate documentation to support CrowderGulf work and eligibility. She works closely with clients during FEMA audits to provide necessary documentation in a timely manner. Her background in Computer Engineering Technology has helped her in creating and managing all in-house databases. Each database is specifically designed to meet the client's needs. In addition to client databases, she also builds databases that house pertinent company data such as contract information, subcontractor information and historical CrowderGulf information. Shortly after Hurricane Ike in 2008, she teamed with a programmer to build a unique and powerful database that has proven to increase accuracy in data recording. Ms. Walley's experience has spanned across more than 20 major hurricane events as well as numerous non-disaster related projects. (NIMS Trained)



Jenny Todd Weaver – Subcontractor SDBE Compliance Manager

Mrs. Weaver manages subcontractors and develops and promotes CrowderGulf's Small/Minority Business division. Her focal point is to contact and localize subcontractors during and after the RFP development phase in an effort to maintain community involvement and maximize local small /minority businesses participation. In 2003, she earned a Bachelor of Science degree in Marketing and a minor in Mathematics from the University of Alabama. After graduation, she joined a law firm in Tuscaloosa. In 2005 she joined the CrowderGulf Team which was during the rebuilding process along the Gulf Coast after Hurricane Katrina. The legal experience she gained made her the ideal candidate to oversee the subcontracting operations. (NIMS Trained)



Resumes will be provided upon request.

No employee identified for anticipated assignment to the County's Site Management Team has ever been a defendant in any proceeding involving or arising out of debris removal services.

Additional Personnel

The following is a partial list of CrowderGulf's available management, administrative, and supervisory personnel (full resumes are available upon request) who, depending on the scope of work, may be assigned to the contract:



Full Time and DAO Personnel

Last Name	First Name	Position
Ramsay	John Aaron	Superintendent, Sub Contractor Crew Foreman
Ramsay	Lyman	Senior Project Manager
Simon	Paris	Accounting Clerk
Suters	Donna	Accounting, Documentation Management
James	Jenny	Accounting, Documentation Management
Turner	Mary	Logistics, Contract Management
Williamson	Kelley	Subcontractor Accounts Payable Mgr., DAO Office Manager
Edwards	Melinda	Executive Administrative Assistant
Noll	Kerrie	Proposal Manager
Snell	Brandi	Receptionist
Sprinkle	Aimee	Receptionist, Accounting Clerk

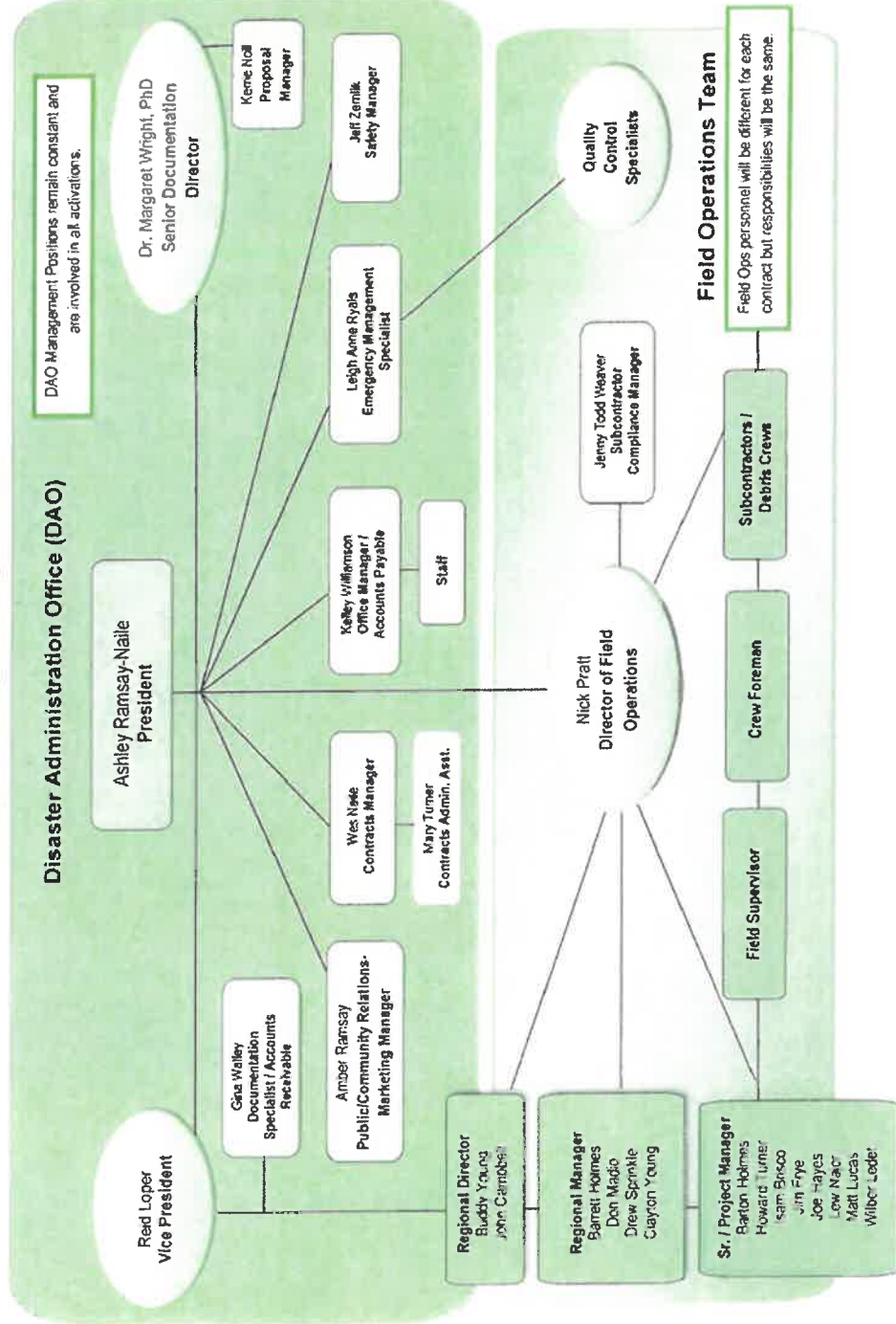
Additional Field Personnel

Last	First	Position	Last	First	Position
Anderson	Paul	Field Supervisor	Laurent	Zakiya	Field Supervisor
Baldwin	Lisa	Field Supervisor	Lee	Brandon	Field Supervisor
Bell	Maria	Field Supervisor	Leggett	Dee & Jan	Field Supervisor
Bell	Brad	Project Manager	Loper	Leigh	Project Manager
Bender	Jay	Project Manager	Loper	Mark	Field Supervisor
Bishop	Anthony	Project Manager	Lund	Barry	Project Manager
Brewer	James	Project Manager	Matlack	Desiree	Project Manager
Brewer	Lapa	Field Supervisor	Mosby	Jacob	Field Supervisor
Brisco	Isam	Project Manager	Perkins	Megan	Field Supervisor
Cade	Victor	Field Supervisor	Poore	Jim	Project Manager
Campbell	Tony	Field Supervisor	Powell	Mark	Project Manager
Crigler	Eric	Field Supervisor	Rackley	Rodney	Field Supervisor
Cruz	Lisa	Field Supervisor	Ransom	Jim	Field Supervisor
DeHart	Vance	Project Manager	Rel	Gabriel	Field Supervisor
Drinkwater	Cliff	Field Supervisor	Rich	Bud	Project Manager
Edge	Ron	Project Manager	Roberts	Kadeem	Field Supervisor
Fontenot	Dru	Project Manager	Robinson	Tom	Project Manager
Francisco	Ken	Field Supervisor	Sabasia	Dalasia	Field Supervisor
Frye	Jim	Project Manager	Scantlebury	Clement	Field Supervisor
Giffens	Brian	Field Supervisor	Smith	Tim	Field Supervisor
Gill	Ray	Project Manager	Spann	Gregory	Field Supervisor
Gittens	Margaret	Field Supervisor	Thorson	Ron	Project Manager
Hall	Eric	Project Manager	Tompkins	Alyssa	Field Supervisor
Hayes	Dan	Project Manager	Van Vactor	Joe	Project Manager
Hayes	Roy	Project Manager	Whitten	Brent	Field Supervisor
Henry	Curn	Field Supervisor	Widgeon	Pam	Field Supervisor
Hill	Philip	Project Manager	Widgeon	Paul	Field Supervisor
Holiday	Richard	Field Supervisor	Wimberly	Mike	Project Manager
Hollman	Michael	Field Supervisor	Wong	Tina	Field Supervisor
Holmes	Barton	Field Supervisor	Wright	Charles	Project Manager
Hope	Gene	Field Supervisor	Wright	Latasha	Field Supervisor
Iuteri	Rodney	Field Supervisor			

Organizational Chart

The Organizational Chart presented below depicts the structure and chain of command of the Company. CrowderGulf uses an organizational hierarchy based on the nationally recognized Incident Command System (ICS). The ICS employs a cascade of organizational components in groups of five or less to assure good quality control in high stress operations. This arrangement limits the respective spans of control to tolerable levels. CrowderGulf's use of the ICS-based hierarchy of responsibilities exploits the strength and flexibility of its management/supervisory structure.

City of League City, Texas



Key Personnel Storm Chart - Experience

The chart below lists CrowderGulf's key personnel and the storms/activations since 2005. Additional information and resumes can be provided upon request.

Key Personnel Past Storm Experience	2005			2006		2008		2009		2010		2011		2012		2013		2014		2015		2016				2017			2018		2019		2020				2021			2022																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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*This denotes that these employees have additional experience with storms prior to 2005, FEMA, United States Army Corp. of Engineers, Emergency Management or other Companies.



Personnel Certifications and Understanding of Governmental Programs

CrowderGulf's management team includes previous FEMA Directors, Emergency Managers and FEMA trained Debris Specialists. Numerous certifications are held by all of our key management staff as well as our field operations staff. This wealth of knowledge is used to assist our clients in complying with FEMA guidelines and completing any and all paperwork that they may be called upon to provide 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 Guide (incorporating Debris Management Guide (FEMA 325), and Public Assistance Debris Monitoring Guide (FEMA 327). Today, the staff holds numerous FEMA course certifications and a number of OSHA Health & Safety and Hazardous Materials certifications. CrowderGulf employees are required to attend State and National conferences and training classes for continuing education credits and certification maintenance on a yearly basis.

Additional Courses that are relevant to Debris Management that are held by staff members include the following:

Course No.	Course Name	Course No.	Course Name
IS 1	Emergency Program Mgr.	IS-75	FEMA Military Resources and EMA
IS-2	Emergency Preparedness in the USA	IS-101/102	Deployment Basics
IS-5	Intro to Hazardous Materials	IS-111	Livestock in Disaster
IS-10/11	Animals in Disaster	IS-120	Introduction to exercises
IS-27	Orientation to FEMA logistics	IS-139	Exercise Design
IS-30/31	Mitigation e-Grants training	IS-208	State Disaster Management
IS-45.11	FEMA Safety Orientation	IS-230	Principals of Emergency Management
IS-55	Household Hazardous Materials	IS-235	Emergency Planning
IS-240	Leadership & Influence	IS241	Decision Making and Problem Solving
IS-242	Effective Communications	IS-250	Emergency Support Functions
IS-324	Community Hurricane Preparedness	IS-403	Individual Assistance
IS-630	Intro to Public Assistance Process	IS-631	Public Assistance Operations
IS-632	Intro to Debris Ops in FEMA's PA Program		Oil and Hazardous Materials Response
G202	Debris Management	G363	Hurricane Readiness
G 385	Disaster Response and Recovery Operations	FEMA	EMI Professional Development Series
	Debris Management Planning Course for State Tribal and locals		Side Scan Sonar Systems Introduction and Side Scan Sonar Systems Operators Course
OSHA	HazWoper Training	ICS 363	Hurricane Readiness
	Asbestos Contractor Supervisor	L449	ICS Incident Command Train the Trainer
IS 100	Intro to ICS	IS 200	ICS for single resources & Initial Action Incidents
IS300	Intermediate ICS	IS 400	Advanced ICS
IS 700	Intro into the National Incident Mgt. System	NIMS 800a	National Response Plan
NIMS 700/701a	Multi Agency Coordination System (MAC)	NIMs 702	NIMS Public Information System
703	NIMS Resource Management	IS 803	Emergency Support Functions PW



CrowderGulf's Certifications & Training

The following is a short list of certificates and training specialized by CrowderGulf personnel. There are over 135 additional certifications and training certificates available upon request.



FEMA

Emergency
Management
Institute

Emergency Management Institute



FEMA

This Certificate of Achievement is to acknowledge that

has completed a minimum of 16 hours of training through continued professional development and completion of the independent study course.

IS-00700-a
National Incident Management System (NIMS)

As Introduction

Issued the 20th Day of March, 2017.



John Campbell, Director
League City, Texas
Emergency Management Institute

IS-00100 - Intro to Incident Command Systems

Ashley Ramsay-Naile	Don Madio	Margaret Wright
Amber Ramsay	Donna Suters	Mark Loper
Andrew Sprinkle	Gary Jones	Mike Moulder
Barrett Holmes	Gina Walley	Nick Pratt
Barry Lund	Jenny Todd Weaver	Reid Loper
Barton Holmes	Jeff Zemlik	Ronald Thorson
Buddy Young	Joe Hayes	Vance DeHart
Charles Clark	John Campbell	Wes Naile
Clayton Young	Kerrie Noll	Wilber Ledet
Desiree Matlack	Leigh Anne Ryals	Jesus Carretie
	Lisa Baldwin	

IS-230 - Principles of Emergency Management

Leigh Anne Ryals Joe Hayes

IS-00242 - Effective Communication

Reid Loper Mike Moulder
Leigh Anne Ryals Barry Lund

IS-00700 - Intro to National Incident Management System (NIMS)

Ashley Ramsay-Naile	Don Madio	Margaret Wright
Amber Ramsay	Donna Suters	Mark Loper
Andrew Sprinkle	Gary Jones	Mike Moulder
Barrett Holmes	Gina Walley	Nick Pratt
Barry Lund	Jenny Todd Weaver	Reid Loper
Barton Holmes	Jeff Zemlik	Ronald Thorson
Buddy Young	Joe Hayes	Vance DeHart
Charles Clark	John Campbell	Wes Naile
Clayton Young	Leigh Anne Ryals	Wilber Ledet
Desiree Matlack	Lisa Baldwin	Jesus Carretie

IS-300 - Intermediate ICS

IS-300 Instructors: John Campbell and Leigh Anne Ryals

Reid Loper Jeff Zemlik

IS-00200 - ICS for Single Resources & Initial Action

Incidents

Ashley Ramsay-Naile	Don Madio	Margaret Wright
Amber Ramsay	Donna Suters	Mark Loper
Andrew Sprinkle	Gary Jones	Mike Moulder
Barrett Holmes	Gina Walley	Nick Pratt
Barry Lund	Jenny Todd Weaver	Reid Loper
Barton Holmes	Jeff Zemlik	Ronald Thorson
Buddy Young	Joe Hayes	Vance DeHart
Charles Clark	John Campbell	Wes Naile
Clayton Young	Kerrie Noll	Wilber Ledet
Desiree Matlack	Leigh Anne Ryals	Jesus Carretie
	Lisa Baldwin	

IS-00235 - Emergency Planning

Leigh Anne Ryals Barry Lund Joe Hayes

IS-00632 - Intro to Debris Operations in FEMA's Public Asst. Program

Reid Loper Donna Suters Mike Moulder
Jesus Carretie Leigh Anne Ryals Barry Lund










IS-00800 - Intro to National Response Plan (NRP)

Ashley Ramsay-Naile	Don Madio	Margaret Wright
Amber Ramsay	Donna Suters	Mark Loper
Andrew Sprinkle	Gary Jones	Mike Moulder
Barrett Holmes	Gina Walley	Nick Pratt
Barry Lund	Jenny Todd Weaver	Reid Loper
Barton Holmes	Jeff Zemlik	Ronald Thorson
Buddy Young	Joe Hayes	Vance DeHart
Charles Clark	John Campbell	Wes Naile
Clayton Young	Leigh Anne Ryals	Wilber Ledet
Desiree Matlack	Lisa Baldwin	Jesus Carretie

IS-400 - Advanced ICS Command & General Staff IS-400 Instructors: John Campbell and Leigh Anne Ryals

Reid Loper Jeff Zemlik



OSHA 30 Hour – Construction			Hazwoper – Hazardous Waste Operations and Emergency Response		
Andrew Sprinkle Barrett Holmes Buddy Young Charles Clark Clayton Young Eric Hall Jeff Zemlik John Campbell	Lew Najor Lisa Baldwin Mark Loper Mike Moulder Nick Pratt Ronald Thorson Reid Loper Vance DeHart Wes Naile Wilber Ledet		Jason Zirlott Jeff Zemlik John Campbell Nick Pratt Reid Loper	Ronnie Duhan Mark Loper Wilber Ledet Vance Dehart	
OSHA Misc.			Watershed Management Training		
OSHA 10 Hour General Industry	Jeff Zemlik Lew Najor Reid Loper		Barry Lund Brandi Snell Clayton Young	Jeff Zemlik Leigh Anne Ryals Reid Loper	
OSHA 500 – Train the Trainer	Jeff Zemlik		T.W.I.C. Card		
Amber Ramsay Andrew Sprinkle Barret Holmes Barry Lund Clayton Young Don Madio Jason Zirlott	Jeff Zemlik John Campbell Leigh Anne Ryals Lew Najor Margaret Wright Nick Pratt Reid Loper		Andrew Sprinkle Barry Lund	Jeff Zemlik Nick Pratt Reid Loper Wilber Ledet	
First Aid/CPR			Misc. Training		
Ashley Ramsay Amber Ramsay Andrew Sprinkle Barrett Holmes Barry Lund Buddy Young Charles Clark Clayton Young Desiree Matlack Donna Suters Eric Hall Gary Jones Gina Walley	Jeff Zemlik Jenny Todd Weaver John Campbell Leigh Anne Ryals Margaret Wright Mark Loper Mike Moulder Nick Pratt Reid Loper Ronald Thorson Vance DeHart Wes Naile Wilber Ledet		Asbestos Supervisor Asbestos Inspector	Jeff Zemlik Jeff Zemlik	
Underground Utility and Excavation Certification			USACE 385-1-1 40 hour	Jeff Zemlik	
Lew Najor					



Debris Management Contracts within 100 Mile radius of League City

The chart below contains CrowderGulf's current pre-event contracts held throughout the State of Texas that are within 100 miles of the City of League City. CrowderGulf is fully committed to fulfilling each of its contracts with the same unwavering attention and service, regardless of the number of activations for any given event or storm season. As our **Past Performance** illustrates, we have the expertise, personnel, and resources to handle multiple activations of all sizes, ensuring the utmost client satisfaction.

Client	Duration	Client	Duration	Client	Duration
TEXAS					
Alvin (City)	2021-2031	Angleton (City)	2019-2024	Bayou Vista (City)	2018-2023
Brazoria (City)	2020-2025	Clear Lake Shores (City)	2019-2024	Clute (City)	2017-2022
Deer Park (City)	2021-2024	El Campo (City)	2020-2022	Friendswood (City)	2018-2022
Galveston Co.	2017-2022	Hitchcock (City)	2021-2028	Lake Jackson (City)	2017-2022
League City (City)	2018-2022	Liberty Co.	2021-2025	Manvel (City)	2019-2023
Mont Belvieu (City)	2020-2022	Montgomery Co.	2017-2023	Nassau Bay (City)	2018-2023
Port Arthur (City)	2019-2022	Trinity Bay Conservation District	2018-2023	Webster (City)	2020-2025

Availability and Assurances

Due to the uncertainty of disaster related events, it is difficult to predict when a contract activation will occur. Regardless of the number of contracts CrowderGulf has activated after a disaster, in 50+ years, we have never failed to meet a client's contract requirements for equipment resources and personnel. Having an experienced management team, a large pool of company owned equipment and operators, a nationwide data base of trusted and experienced subcontractors and agreements with national rental companies, allows CrowderGulf the ability to assure the City that we can and will meet your disaster response needs. We are committed to providing the City with priority service, quality performance and onsite management. We will work as a team with you and your representatives to successfully restore the City to some sense of normalcy, following all FEMA regulations and within the designated timeline established by the City's contract.

The severity of the disaster will determine how many employees will be assigned to a specific client. 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 local resources and proceed to add additional manpower and subcontractors until we have a sufficient workforce in place to ensure the City that we can effectively manage and handle the disaster effort. CrowderGulf will adjust assets as required to optimize operations.



List of Subcontractors

A partial list of qualified Subcontractors which includes M/SBE Subcontractors that are included in CrowderGulf's subcontractor database are provided below. Upon contract activation/ Notice to Proceed, a specific list of subcontractors selected for work can be provided to the City for review and approval if needed.

2022 Houston – Galveston Regional TX Potential Subcontractors	Address	City	ST	Zip	SB	WO	VET	SDV	HUB	SDB
15/16, C&S Construction	17700 HWY 3	Webster	TX	77598	1					
1983 U. C. I.	519 Wisconsin	South Houston	TX	77587	1			1		
4 J's Services, Inc.	1410 County Rd 63 / PO Box 646	Rosharon	TX	77583	1					
4L Construction Services	590 Longwood Lane	Conroe	TX	77302	1					
A & A Trucking, LLC	418 E. Texas Ave.	Baytown	TX	77520	1				1	
A & M Remediation & Dirtwork	P.O. Box 2452	Crystal Beach	TX	77650	1	1	1			
A. Demolition	P.O. Box 14711	Houston	TX	77021	1					
AAA Dumpsters, LLC	P.O. Box 357	Danbury	TX	77534	1					
AAM Contractors Unlimited LLC	233 3rd St	Brazoria	TX	77422	1	1				
AD Construction & Development	5512 Gulf Freeway	Houston	TX	77023	1					
ADCORP Sign Systems, LLC.	10965 Hwy 242	Conroe	TX	77385	1					
Affinity Professional Group, LLC.	13831 NW FWY Ste. 237	Houston	TX	77040	1	1			1	1
Affordable Land Services LLC	522 CR 105	Devers	TX	77538	1					
AG Excavation Construction, LLC	C/O 19931 Fort Davis Court	Katy	TX	77449	1					
AIMM Technologies, Inc.	801 Hwy 146 N	Texas City	TX	77590	1	1				
Algoa Construction	1340 Algoa Rd.	Alvin	TX	77511	1					
All In One Demolition Inc.	10114 Hook Street	Houston	TX	77064	1					
All-N-One Services, LLC.	12115 English Brook Circle	Humble	TX	77346	1	1				1
Angel Padilla	4905 24th Street	Dickinson	TX	77518		1				
Apache Waste	5601 Loma Linda St	Houston	TX	77085	1					
APEC, LLC	1409 39th St	Galveston	TX	77550	1	1			1	
Archie Debris Removal Services	14619 Castle Cove Lane	Houston	TX	77044	1	1				
Argosy Barge Lines, LLC	4747 Bellaire Blvd, Suite 275	Bellaire	TX	77401						
Arredondos Trucking	5045 Hauna Ln	Dickinson	TX	77539						
Ashtead Technology, Inc.	19407 Park Row, Ste. 170	Houston	TX	77084						
Astro Fence Company	410 North Loop 336 West	Conroe	TX	77301			1			
B N T Services, LLC.	51 Bird Farm Rd.	Huntsville	TX	77320	1					
B Smith Contractors Inc.	P.O. Box 38856	Houston	TX	77238					1	
Bane Machinery Houston LTD	505 Rankin Rd	Houston	TX	77073						
Base Construction	7555 FM 2004 Bldg. 2	Hitchcock	TX	77563	1					
Bay Area Industrial Contractors, Ltd.	1606 Sens Rd	La Porte	TX	77571		1				
Bayside Equipment, Inc.	P.O. Box 1263	Anahuac	TX	77514						
Bayway Homes	P.O. Box 1477	Friendswood	TX	77546	1					
Better Land Company, LLC.	1720 Pampas Trail Dr	Friendswood	TX	77546	1					
Blue Collar Home Services-	1029 Hwy 6 North	Houston	TX	77079						1
Blue4Hire	PO Box 1574	Rosenburg	TX	77471						
Bob's Construction Co., Inc.	10862 Circle DR	Willis	TX	77318						
Boswell & Son Construction Services	20027 Indigo Lake DR	Magnolia	TX	77355	1	1			1	
Brayland Properties	6938 New York St.	Houston	TX	77021						1
Brazos Sand Supply Company	17127 CR 39	Rosharon	TX	77583	1					
BRH-Garver Construction LP	7600 S Santa Fe, Bldg A1-E	Houston	TX	77061						
Bruce Construction Management	2303 Legends Shore Dr	Spring	TX	77386						
BTLS (Beach Town Lawn Service)	23 Cozumel Cir	Galveston	TX	77554	1					
Bud Lee Services, LLC.	1400 North Fulton St,	Wharton	TX	77488	1					
C.R.S. Disaster Recovery	36111 Mildred Ln	Pinehurst	TX	77362						
C5 Construction, Inc.	13103 Lazy Ln	Willis	TX	77318	1					1
Callan Marine	P.O. Box 17017	Galveston Island	TX	77552	1					
Cameron Recycling	20939 Hwy 6	Manvel	TX	77578						
CAR Mobile Dustless Blasting	412 West Duncan	Alvin	TX	77511						
Cardinal Culinary Services	5950 FM 517 Rd	Alvin	TX	77511	1					
Cardinal Customized Services	5950 FM 517 Rd	Alvin	TX	77511	1					
Caron Services Inc.	17202 Butera RD	Magnolia	TX	77355	1					
Carr Construction Services	6341 Stewart Rd	Galveston	TX	77551	1					
Chaney Land Group	P.O. Box 533	Bacliff	TX	77518	1					
Chris Drake Construction	11438 Stidham Rd.	Conroe	TX	77302	1					
Chris Peters	12803 Brigham Lane	Sante Fe	TX	77517	1					
Cinco International Group	915 S. 8th, Ste B	La Porte	TX	77572	1	1			1	1
Clean Harbors Environmental Services	500 Independence Pkwy South	La Porte	TX	77571						
Clean Harbors Environmental Services	2204 Genoa Red Bluff	Houston	TX	77034						



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2022 Houston – Galveston Regional TX Potential Subcontractors	Address	City	ST	Zip	SB	WO	VET	SDV	HUB	SDB
CLM Equipment Company, Inc.	13727 East I-10	Baytown	TX	77523						
Clubb Equipment	20195 Heights Blvd	New Caney	TX	77357	1					
Clyde Vick Logging & Construction	13781 Old Texaco Camp Rd	Conroe	TX	77302			1			
CNY Trucking	1314 Cross Valley	Sugarland	TX	77479	1					
Coastal Maintenance (CMI)	PO Box 1933	Friendswood	TX	77549	1					
Coastal Safety & Environmental, Inc.	900 Anders Ln, Ste. 6	Kemah	TX	77565	1	1				1
Compacta Construction Inc.	9418 FM 2920	Tomball	TX	77375	1					
Corrigan Consulting, Inc.	12000 Aerospace Ave, Ste 450	Houston	TX	77034						
Cottonwood Debris Company	5443 Katy Hockley Cut Off	Katy	TX	77493						
Coyote Construction & Trucking	19696 Hastings Rd	Alvin	TX	77511			1			
CPHP Ventures	13911 Turning Spring Lane	Houston	TX	77044	1		1	1		1
CRG Unlimited	9950 Westpark Ste 290	Houston	TX	77063	1					
Cypress Landscape Services	3606 7 Mile Rd.	Galveston	TX	77554	1					
D&A Demolition	426 Croom Dr	Wharton	TX	77488	1					
Deneal and Company LLC	PO Box 846	Cleveland	TX	77328						
DFW Texas Builders, Inc.	4820 Pean Street, Unit O	Galveston	TX	77554	1					
Direct Waste Solutions	7718 VALLEY VIEW LN	Houston	TX	77074	1					
Dirt Cheap Mulch Company, Inc.	4460 FM 1960 E	Humble	TX	77346	1	1				
Disaster "R" Us	P.O. Box 7615	The Woodlands	TX	77387	1	1				1
Double J Land Clearing & Construction, Inc.	P.O. Box 7183	Conroe	TX	77306						
DP Woody's Construction, LP	17751 East FM 1097	Willis	TX	77378	1					
Dredgit Environmental	701 N. Post Oak, Ste. 350	Houston	TX	77024	1	1				
DSWoods Trucking Texas LLC	9711 S Mason Rd Ste 123 #128	Richmond	TX	77407		1			1	1
DTS Disaster Recovery	8218 Deer Lodge	Magnolia	TX	77354	1					
Durham Enterprise	7640 Bellfort, Ste. B	Houston	TX	77061	1					1
Duty and Daughters, LLC	19901 Southwest Freeway Suite 103	Sugar Land	TX	77479	1	1				
Duty Construction Inc.	1507 Haddon St.	Houston	TX	77006	1					
Earthworx	4229 Spring Stuebner	Spring	TX	77389	1					
Effective Environmental, Inc.	2025 Turning Basin	Houston	TX	77029						
Enviroteck	26623 Each Creek	New Caney	TX	77357	1	1				
Ernest Robinson	6309 Park Ave	Texas City	TX	77591		1				
ETLM Group, Inc.	9900 Westpark, Ste. 316	Houston	TX	77063	1	1				
Everglades Service Co, LLC	6023 Stewart Rd. #271	Galveston	TX	77551	1	1				
Exceptional Tractor Works LLC	P.O. Box 623	Angleton	TX	77516						
F & M Service	P.O. Box 3472	Galveston	TX	77550	1	1				1
Faulkner Land Clearing	10491 Rutherford Rd	Cleveland	TX	77328		1				
FCC Environmental	4415 Green Wood	Baytown	TX	77523						
FireHorse Procurement & Logistics, LLC	5177 Richmond Ave Suite 505	Houston	TX	77056	1					
First Command Emergency Response Team	PO Box 7056	Baytown	TX	77522						
Flamingo Gardens Inc.	814 East 61st. St	Galveston	TX	77551	1					
For Change By Change Construction Services	16985 West Forrestal	Montgomery	TX	77316	1		1			1
Fourteen Enterprises, Inc.	306 Priscilla Ct	Houston	TX	77015			1			
Franco's Trucking	11511 Sheridan	Houston	TX	77016	1					
Francisco & Sandra Construction Hauling	5305 Farmer Rd.	Algoa	TX	77511	1					
Freedom Site Services, LLC.	1860 FM 359	Richmond	TX	77406	1					
FSH Services	98 Briar Meadow	Huntsville	TX	77320	1					
G - Force Media, Inc.	2551 South Shore Blvd	League City	TX	77573	1					
Garner Environmental Services	1717 W. 13th St	Deer Park	TX	77536						
Garner Paving & Construction, Ltd.	2123 Ave E	Danbury	TX	77534	1					
Globalize American Safety LLC	1923 Grand Willow Ln	Richmond	TX	77469					1	
GMI Construction	24980 Blackburn	Slendora	TX	77372	1	1				
Gonzalez Demolition and Dump Truck	11026 Edgebrook Dr	Texas city	TX	77591	1					
Got Junk	11020 Old Katy RD, Ste 202	Houston	TX	77043	1					
Gray Utility Service, LLC	PO Box 2099	Mont Belvieu	TX	77580	1					
Green Cares Lawn Care	26822 Prairie Lane	Katy	TX	77494	1					
GRG Commercial	9333 Bryant St	Houston	TX	77035						1
Grice & Grice	16502 Sun Valley Lane	Rosharon	TX	77583	1					
Grit Earthwork & Excavating, LLC.	27127 Ashley Hills Ct.	Fulshear	TX	77441						
Gulf Area TruckingCo	1408 WEST HARRIS AVE	PASADENA	TX	77506	1				1	1
Gulf Coast Environmental Services	4902 Shank RD	Pearland	TX	77581						
Gulf Coast Trucking	P.O. Box 5411	Katy	TX	77491						
Hagan Services	P.O. Box 350	Hardin	TX	77561	1					
Hansa Meyer Heavy Haul & Rigging USA, LLC.	8502 Miller Road 3	Houston	TX	77049						
Heron International, Inc.	6961 Highway 225	Deer Park	TX	77536	1					
Horizon Concrete, LLC	11250 West RD	Houston	TX	77377	1					
Hurricane Construction, Ltd.	774 FM 517	Alvin	TX	77511	1		1			
I.J. Greenworks	PO Box 93	Friendswood	TX	77549	1				1	



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Impeckable Trucking	219 Overland Park Dr.	Houston	TX	77049	1					
Industrial Performance Services	1238 Center St	Deer Park	TX	77536	1					
Integrity Trade Services	9001 Airport Blvd. #602	Houston	TX	77062	1				1	
Ivy Homes, LLC.	4313 FM 2351, Ste. A	Friendswood	TX	77546	1					
J and J Tree Service	21246 Shonnon Cir	Montgomery	TX	77316		1				1
J. Williams Services, Inc.	PO Box 9799	Huntsville	TX	77340	1					
James Bonds Custom Land Clearing	26050 Brushy Creek Dr.	Hockley	TX	77407	1					
James Fisher Subsea Excavation	6421 Cunningham Rd	Houston	TX	77041						
Jason Logan Inc	4903 Fawndale Way	Baytown	TX	77521	1					
John 3:16 Trucking	2227 Laurel Birch	Houston	TX	77014	1					
Jones Group International	315 West Alabama #103	Houston	TX	77006	1					1
Joslin Construction	2218 Northpark DR, Suite 200	Kingwood	TX	77339						
Journeys Logistics & Transportation Mgmt.	16231 Charterstone Dr.	Houston	TX	77070	1	1				1
JRMO Transports	146 Main Bldg 7C	Lamarque	TX	77568	1					
JSI Houston Transfer Station	11028 Cordoba Dr.	Houston	TX	77088						
JTB Services, Inc.	9026 Lambright	Houston	TX	77075						
JTL&S Property Preservation	620 Holman St Unit A	LaMarque	TX	77568	1					
K & K Construction, Inc.	13757 FM 1097 East	Willis	TX	77378						
K.D. Services	20316 Clyde Rd.	New Caney	TX	77357	1					
Kenneth Sealy Trucking	5710 Jackson	Hitchcock	TX	77563						
Kingsley Constructors, Inc.	1544 Sawdust RD, Ste 200	The Woodlands	TX	77381						
Knight Contracting, Inc.	8902 Crestmont Dr.	Manvel	TX	77578	1					
L6 Partners, LLC	P.O. Box 1435	Anahuac	TX	77514	1					
LaBove & Icles Ventures, LLC.	8207 Mandalay Bay Dr.	Baytown	TX	77523	1					
Latinosi, LLC dba 1-800-GOT-JUNK?	9337B Katy Frwy, Ste. 213	Houston	TX	77024	1					
LGM Dirt Works	2535 BRDway St	San Leon	TX	77539	1					
M & M Protection, LLC.	11831 West Fairmont Parkway	LaPorte	TX	77571	1					
M&T Services, LLC.	PO Box 55447	Houston	TX	77255	1	1				
Mabe's Hauling	P.O. Box 1242	Santa Fe	TX	77510	1					
Maga Demolition	1020 Bay Area Blvd Suite 210	Houston	TX	77058	1					
Main Lane Industries, Ltd.	9201 Tavenor Ln	Houston	TX	77075	1					
Managed Response, Inc.	3040 Post Oak Blvd., Ste 1240	Houston	TX	77056	1					
Manchester Wright Construction	2801 Post Oak Blvd., Ste 190	Houston	TX	77056						
Master Excavating, LLC.	4575 Simsbrook Dr	Houston	TX	77045						
Maximum Scuba	2001 Bayport Blvd.	Seabrook	TX	77586	1					
McIlvain Enterprises Inc.	P.O. Box 757	Winnie	TX	77665						
Memphis Williams	451 Maxey Rd. Apt. 2102	Houston	TX	77013	1					
Metts Company	20440 Red Oak DR	Cleveland	TX	77328	1					
MJA Enterprises	9826 Live Oak Ct	Manvel	TX	77578	1					
Mimbres Tree and Debris Hauling, LLC	11459 Queensboro Ct	Montgomery	TX	77316	1					
ML Cruze Investments LP	3347 Frick Rd	Houston	TX	77086	1					
Mountain Tarp/ Pioneer	12245 FM 529 Rd., Ste. D	Houston	TX	77041	1					
Moyas Cleaning	2002 Holton	Deer Park	TX	77536	1					
MTZ Trucking	P.O. Box 750213	Houston	TX	77275	1					
Native Services, Inc.	P.O. Box 1983	Friendswood	TX	77549	1					
New Masada Environmental, LLC.	9335 Sweetbush Drive	Houston	TX	77064	1					
Norman Bell's Concrete	PO Box 1390	Texas City	TX	77592	1					
Norwood Development	P.O. Box 14711	Houston	TX	77021						
Novus Wood Group LLP	6002 Debbielou Gardens Dr	Houston	TX	77034	1					
Oakley Construction	22010 Loop 494	New Caney	TX	77357						
Odessa Fluids, LLC	150 CR 20854	Liberty	TX	77575	1					
OFF Duty Services, Inc.	908 Ave D, A100	Katy	TX	77493						
Old School Equipment	25728 Hill & Dale Ave.	Splendora	TX	77372	1					
Pagan Construction	28040 Etta Oaks Ln	Splendora	TX	77372	1		1			
Pecos Environmental Services	P. O. Box 692322	Houston	TX	77269	1					
Peninsula Marine, Inc.	P.O. Box 14	Port Bolivar	TX	77650						
Perez Concrete Placers, LLC	2710 Galveston Ave.	Dickinson	TX	77539						
Phoenix Contracting, LLC	2662 County Rd 250	Weimar	TX	78962	1	1				
PL Consultants, LLC	21658 Chokeycherry Ave.	Porter	TX	77365	1		1	1	1	1
PMS Excavation, Inc.	22389 Acorn Valley	Spring	TX	77389						
Port Bolivar Management Co.	P.O. Box 95	Port Bolivar	TX	77650	1					
Porter Financial Group	16111 Porter Lane	Porter	TX	77365	1					1
Posik Group, LLC.	17310 Old Richmond Rd.	Sugarland	TX	77498	1		1			
PRC Environmental, Inc.	1149 Ellsworth Dr, Suite 345	Pasadena	TX	77503	1					
Precast of Houston, Inc.	11393 Sleepy Hollow rd	Conroe	TX	77385						
Precision Land Clearing	PO Box 802276	Houston	TX	77280	1					
Prime Demolition, LLC.	1120 NASA Pkwy., Ste. 430	Houston	TX	77058						



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Primus Security & Consulting	7626 Bobbit Ln	Houston	TX	77055	1					1
Punch Logistics LLC	PO Box 682513	Houston	TX	77268	1	1				
Putnam Services, LLC	4404 5th St	Bacliff	TX	77518						
Questar Construction	701 N. Loop 336 E. Ste. 201	Conroe	TX	77301	1					
R & D Environmental Services	1610 Sheldon Rd.	Channelview	TX	77530		1				1
R. Middleton, Inc.	P.O. Box 1594	Montgomery	TX	77356						
Randy Roan Construction, Inc.	6052 N. FM 1486	Montgomery	TX	77356						
Rapid Environmental LLC	PO Box 687	Deer Park	TX	77536	1					
Rappid	502 W Montgomery St #412	Willis	TX	77378	1	1				
Reytec Construction Resources, Inc.	1901 Hollister St	Houston	TX	77080					1	
Rios Chemical Technologies, Inc	P.O. Box 6842	Katy	TX	77450		1				
RLN Industries, Inc.	7533 FM 2004	Hitchcock	TX	77563		1				
RMG Group, LLC	15503 Juniper Hollow Way	Cypress	TX	77433	1					
Rockworld Int.	1951 S. Pine Lake Rd	Montgomery	TX	77316	1					
Roy Maddoux	17577 1/2 Oak Hill	New Caney	TX	77357	1					
Ruckit Transport	1824 Spring St.	Houston	TX	77007	1					
Ryll International	1022 22nd Ave North	Texas City	TX	77590	1	1	1			
SADL Construction, Inc.	26119 145 N	Spring	TX	77380	1					
Sago Property Service	P.O. Box 2298	Friendswood	TX	77549						
Salutis Hauling, LLC	32327 Summer Park Lane	Conroe	TX	77385	1					
Sante Fe Sunrise Construction, LLC.	395 CR 142	Alvin	TX	77511	1					
ScrapMart Houston	6839 South Loop East	Houston	TX	77087	1					
Sellers and Sons Services LLC	109 Old Galveston Rd	Alvin	TX	77511						1
Site Services	230 22nd St.	San Leon	TX	77539	1					
Smash My Trash, LLC.	12620 FM 1960 West	Houston	TX	77065	1					
Son-Way Agri. Products	P.O. Box 2505	Conroe	TX	77305						
SSIP Inc.	1066 Lakeview DR	Montgomery	TX	77356	1					
Stafford Disaster Relief	7261 Chasewood Dr.	Missouri City	TX	77489	1					
Steel Interests Group, LLC	P.O. Box 750906	Houston	TX	77275	1	1				
Strayhorn Trucking & Construction, LLC.	P.O. Box 1179	Crystal Beach	TX	77650						
Streams Construction	5214-D Eigel St	Houston	TX	77007	1					
Sun Coast Resources, Inc.	6922 Cavalcade St, Bldg 1	Houston	TX	77026					1	
Sunbelt Construction	9750 Tanner RD	Houston	TX	77041						
Super Universal Waste, LLC (dba U-Waste Recycling)	9048 Long Point Road	Houston	TX	77055	1	1	1			
Texas B&H Construction Group, Inc.	13810 Lakewater Dr.	Pearland	TX	77584	1		1			
Texas Landscape Products, Inc.	P.O. Box 139	Magnolia	TX	77353						
Texas TTL Inc.	10344 League Line RD	Conroe	TX	77304	1					
Thomas' Tractor Works	17114 Mustang Ln	New Caney	TX	77357	1					
Tinys Timber	1818 IH 10	Weimar	TX	78692	1					
TLC Engineering, Inc.	8204 Westglen DR	Houston	TX	77063	1				1	1
TMG	2951 Marina Bay DR Ste 130-337	League City	TX	77573	1		1	1		1
Tommy L. Baker	POB 236	Humble	TX	377338	1					
TORKE, LLC	5803 Vestavia	Houston	TX	77069	1					
TP Equipment Services	10733 Hwy 321	Dayton	TX	77535	1					
Traylor Bros., Inc.	P.O. Box 16257	Galveston	TX	77552						
Turner Construction	P.O. Box 506	Anahau	TX	77514	1					
Turner Paving and Construction Inc.	10610 Tower Oaks Blvd.	Houston	TX	77070	1	1				
Unique Plumbing, Inc.	1414 S. Frazier # 108	Conroe	TX	77301	1				1	
United Civil Services, LLC	P.O. Box 131486	Houston	TX	77219	1			1		
United States Storm Recovery, USSR, Inc.	723 Main St Ste 703	Houston	TX	77002	1					1
UPI Builders LLC	5008 Fuqua St	Houston	TX	77048	1					
Velez Trucking Inc.	6623 Brightfern Ln	Houston	TX	77049	1					1
Vemor Material & Equipment	435 Commerce St	Freeport	TX	77541	1					
W&F Cleaning & Hauling Services	10919 Capstone Dr.	Houston	TX	77088	1	1				
W.T. Byler Company, Inc.	15203 Lillja RD	Houston	TX	77060						
Warr Construction, Inc.	2931A Brundrett RD	Simonton	TX	77476	1					
Waste Masters TX	POB 1364	Manvel	TX	77578	1					
Wave Procurement & Logistics, LLC.	622 22nd Street #208	Galveston	TX	77550	1	1			1	
Wright Industrial Safety	2711 Ave. L	San Leon	TX	77539	1					
WWF Contractors	5850 San Felipe #500	Houston	TX	77057	1					1
X2 Services	6815 CR 42	Rosharon	TX	77583	1					

Sample Sub Contracting Contract



MASTER SUBCONTRACT

STATE OF Alabama

COUNTY of Mobile **CITY OF** Mobile

This **MASTER SUBCONTRACT** (hereinafter referred to as "**Subcontract**") is entered into this ____ day of _____, 202__, between **CROWDERGULF, LLC.** (hereinafter referred to as "**Contractor**"), an equal opportunity employer, and _____ (hereinafter referred to as "**Subcontractor**") for the provision of services, equipment and/or materials, in accordance with the terms and conditions set forth herein.

WHEREAS, Contractor anticipates entering into, or has already entered into an agreement or agreements with local, state, or federal entities (each such entity hereinafter referred to as the "**Client**") for the provision of clean up and related services required in response to a natural or man-made disaster (any such agreements between Client and Contractor hereinafter referred to as the "**Prime Contract**"); and

WHEREAS, Contractor cannot foresee what services and materials will be required to allow it to fulfill its obligations under any particular Prime Contract, or when they will be needed, but it anticipates that certain services and materials will be needed in a time frame that will not allow for extensive contract negotiations; and

WHEREAS, Contractor and Subcontractor intend to set up a mechanism for Contractor to issue one or more Work Orders to Subcontractor that will incorporate the terms and conditions herein and thus expedite commencement of the work of Subcontractor.

NOW THEREFORE, the Contractor and Subcontractor, for themselves, and their respective heirs, successors, and assigns agree as follows:

1. WORK ORDER.

A. Subcontractor agrees to provide services, equipment and/or materials (hereinafter referred to as the "**Work**"), on an as needed basis, pursuant to the terms of any written Work Order executed by Contractor and Subcontractor prior to the termination of this Subcontract. In order to be valid, each Work Order must identify the general location or jurisdiction where Subcontractor's Work is to be performed, identify the Client and the applicable Prime Contract, set forth the services, equipment, and/or materials to be supplied by Subcontractor, establish a schedule for progress of the Work, specify the compensation to be paid for the Work, and be signed by a duly authorized representative of Contractor and of Subcontractor. The terms of this Subcontract shall be and are hereby deemed to be incorporated into any Work Order issued by Contractor to Subcontractor, and any Work Order may include terms and requirements that are in addition to what is contained in this Subcontract.



B. This Subcontract does not guarantee Subcontractor any work. Contractor may employ other subcontractors to perform services and/or supply equipment and materials in addition to or instead of Subcontractor.

2. CONTRACT DOCUMENTS.

A. The Contract Documents shall include this Subcontract and any attachments or exhibits thereto, any Subcontract Amendments issued to Subcontractor during the course of its performance hereunder, any Work Order(s) issued to Subcontractor, the Prime Contract for the projects covered by any Work Order, the Contractor's Safety Manual, and any attachments, exhibits, or amendments to those documents. Subcontractor has the affirmative duty to obtain copies of and review the Contract Documents. Should any inconsistencies appear in the Contract Documents, Subcontractor has the affirmative duty to notify Contractor in writing within two (2) days of Subcontractor's discovery thereof. Upon receipt of said notice, Contractor shall instruct Subcontractor in writing as to the measures to be taken, and Subcontractor shall comply with Contractor's instructions.

B. In the event of any conflicts between the provisions contained in the Contract Documents, and unless and until Contractor instructs Subcontractor otherwise, the Subcontractor shall comply with them, all as may be amended from time to time, in order of precedence, which is as follows (the first document being the controlling document):

1. Prime Contract and any attachments or exhibits thereto;
2. Work Order issued pursuant to this Subcontract;
3. This Subcontract and any attachments or exhibits thereto; and
4. Contractor's Safety Manual.

Requirements differing in degree are not conflicts, and Subcontractor shall comply with the more onerous requirement.

C. Notwithstanding the foregoing, to the extent any law or regulation conflicts with any provision in the Contract Documents, the law or regulation will take precedence over the conflicting contract provision if the contract provision cannot be interpreted to prevent such a conflict.

3. PERFORMANCE OF WORK.

A. Subcontractor agrees to perform all Work in accordance with the Contract Documents.

B. Subcontractor agrees to perform all Work in accordance with the requirements and instructions listed on Exhibit "A" attached hereto.

C. Subcontractor agrees to do the required Work in a timely, efficient and workmanlike manner.

D. Subcontractor's management personnel shall be present on the job site and attentive to their assigned work areas at all times.



E. Subcontractor acknowledges and agrees that it may perform Work under the badge and colors of Contractor and that its personnel may wear uniforms and use safety and other equipment sporting Contractor's name and logo; Subcontractor acknowledges and agrees that, if it performs work for private property owners or other entities while also performing Work for Contractor in the same vicinity, confusion might arise as to responsibility for certain work and liability for any wrongdoing or payment for the work; Subcontractor further acknowledges that, while it is working for Contractor, its actions may have any effect on Contractor's reputation, image, and goodwill; Subcontractor acknowledges and agrees that, if it negligently or unprofessionally performs work for private property owners, other contractors or subcontractors, or other entities, while also performing Work for Contractor, its actions may tarnish, endanger, or harm the reputation, image, or goodwill of Contractor even though Contractor may have no control over, influence on, or responsibility for those actions. For these reasons, Subcontractor agrees as follows:

i. During the performance of the Work, Subcontractor, and its employees, subcontractors, and agents, shall not perform work for any entity other than Contractor, including but not limited to any other contractor or subcontractor, the Client, any governmental entity, or any private property owner, within the Prime Contract jurisdiction of the site of the Work performed under this Subcontract without the prior written consent of Contractor;

ii. Subcontractor shall not, under any circumstance, use or allow its employees, subcontractors, or agents to use vehicles, equipment, tools, uniforms, or any other materials belonging to Contractor, bearing Contractor's name or logo, or being used to perform Work for Contractor while performing work for any person or entity other than Contractor; and

iii. Notwithstanding any other provision of this Subcontract, in the event Subcontractor violates the provisions of this Subsection E, this Subcontract shall be deemed immediately terminated without further notice, Subcontractor shall forfeit any retainage remaining to be paid to it by Contractor or the Client, and Contractor shall be entitled to issuance of an injunction restraining Subcontractor from committing or continuing any such violation.

4. TIME IS OF THE ESSENCE.

A. Subcontractor understands that the Work is or will be critically time sensitive and of an emergency nature. Time shall be and hereby is made the essence of Subcontractor's obligations hereunder and under any Work Order. Subcontractor shall diligently and continuously prosecute any and all of Subcontractor's Work and obligations hereunder and under any Work Order, and any failure by Subcontractor to sustain progress to timely complete all Work as required shall constitute a material default of Subcontractor's obligations. Subcontractor shall be liable to Contractor for any damages resulting from a delay by Subcontractor in performing any Work.

B. If Subcontractor's performance of the Work is delayed, altered, rescheduled, interfered with, or for any reason extended, Contractor shall not be liable for any costs or damages attributable to delay unless and only if Contractor is compensated by the Client for any such cost or damage to Subcontractor. Subcontractor shall be entitled to an extension of the time to perform the Work only on such grounds as are granted to Contractor under the Prime Contract, and the extension of Contractor's time to perform by the Client shall be a condition precedent to Subcontractor's right to any extension of time to perform. Subcontractor's sole remedy for any delay shall be an extension of the time to perform.



5. **INDEPENDENT CONTRACTOR RELATIONSHIP.** Nothing herein shall create, or be construed to create, an employer/employee or principal/agent relationship between Contractor and Subcontractor; rather, the relationship of Subcontractor to Contractor shall be that of an independent contractor. Subcontractor shall have no right to obligate Contractor for payment of materials or labor or for other costs and expenses. Subcontractor shall pay all taxes and contributions imposed or required by any law relating to the employees of Subcontractor. Contractor shall have the right (but not the obligation) to decide the time, order and priority in which the various portions of the Work shall be performed and all other matters relative to the timely and orderly conduct of Subcontractor's Work. However, it is further understood and agreed that the performance of Subcontractor under the Subcontract is subject to the control of Contractor only as to the result to be accomplished and not as to the means, methods and manner for accomplishing that result.

6. **COMPLIANCE WITH LAWS AND REGULATIONS.**

A. Subcontractor acknowledges that its Work may be provided in various locations and may be subject to the specific requirements of federal, state and/or local government agencies. Subcontractor shall comply with all laws, ordinances, codes and regulations, whether federal, state or local, applicable to any Work it provides, including the maintenance of any necessary license or registration for the performance of its Work. The statutes that may apply to the Work include, but are not limited to, the Truth in Negotiations Act (10 U.S.C. §§ 2306 et seq.; 41 U.S.C. §§ 254b et seq.); Cost or Pricing Data Requirements (10 U.S.C. § 2306a and 41 U.S.C. § 254b); the Contract Work Hour and Safety Standards Act (40 U.S.C. §§ 327-333); Davis Bacon Act (40 U.S.C. §§ 276a-276a-7); Copeland Act (18 U.S.C. § 874 and 40 U.S.C. 276c); Service Contract Act (41 U.S.C. § 351 et seq.); Walsh-Healey Public Contracts Act (41 U.S.C. §§ 35-45); Regulations of the Department of Labor at Volume 29 of the Code of Federal Regulations; Vietnam Era Veterans Readjustment Assistance Act of 1972 as amended (38 U.S.C. § 4211 and 4212); Rehabilitations Act of 1973 (29 U.S.C. § 793); Equal Employment Opportunity Executive Orders and Regulations (E.O. 11246, September 24, 1965); Fair Labor Standards Act; Americans with Disabilities Act; Contract Disputes Act (41 U.S.C. § 605) (certification requirements for claims to include subcontractor claims which must be certified); Small Business Subcontracting Plan Requirements (15 U.S.C. § 637(d)); any applicable statutory cost limitations, cost or price ceilings, not to exceed prices or guaranteed maximum price; Cost Accounting Standards (41 U.S.C. § 422 (including 48 C.F.R. Chapter 99)); Pollution Prevention and Right-to-Know Information (Executive Order 12856; 42 U.S.C. § 11001-11050; 42 U.S.C. § 13101-13109); Resource Conservation and Recovery Act of 1976 (42 U.S.C. § 6901 et seq.); Drug-Free Work Place Act (41 U.S.C. § 701 et seq.); Buy American Act (41 U.S.C. § 10); Examination of Records (10 U.S.C. § 2313 and 41 U.S.C. § 254d) and any implementing regulation or associated Executive Orders. Specifically, Subcontractor is bound by and must comply with the Federal Acquisition Regulations and all applicable agency supplements to the same extent that the Contractor must so comply or is bound. Subcontractor shall pay all taxes, fees, licenses, permits and expenses required by such compliance. Compliance with this Article shall be at no additional cost to Contractor.

B. Subcontractor acknowledges that it is required to conform to the requirements of the governing wage determinations, including minimum wage rates, established fringe benefits, vacations, and observed holidays.

C. Subcontractor represents and warrants that it has complied with all federal and all applicable state and local, immigration and employee eligibility laws, statutes, rules, codes, orders and regulations (collectively "Immigration Laws"), including, without limitation, the Immigration Reform and Control Act of 1986, as amended (including but not limited to the provisions of the Act prohibiting hiring and continued employment of unauthorized aliens, requiring verification and record keeping with respect to identity and eligibility for employment, and prohibiting



discrimination on the basis of national origin, United States citizenship, or citizenship status), and the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, as amended, and any successor statutes thereto. Subcontractor represents and warrants that it has properly maintained all records required by the United States Immigration and Customs Enforcement ("ICE") or any other federal, state, or local authority that may have jurisdiction over the Work ("Immigration Authorities"), including, without limitation, completion and maintenance of the Form I-9 for each of Subcontractor's employees, and that it has responded in a timely fashion to any inspection requests related to such I-9 Forms. Subcontractor agrees to comply with all Immigration Laws during the term of the project, to properly maintain all records required by ICE or other Immigration Authorities, and to timely respond to any inspection requests. Subcontractor further agrees to fully cooperate, and to cause its directors, officers, managers, agents and employees to fully cooperate, with any audit, inquiry, inspection or investigation of Subcontractor, or any of its employees, that may be conducted by ICE or other Immigration Authorities. Subcontractor shall immediately, and in no event later than two (2) hours, notify Contractor's representative in writing and by in-person voice communication (not voice mail) of any unscheduled inspections, raids, investigations, inquiries, visits or audits conducted by ICE or any other Immigration Authority of Subcontractor, or its subcontractors, material men, or employees. Subcontractor shall ensure that its subcontractors and material men are in compliance with the provisions of this Article.

D. Subcontractor agrees that any violation or breach of any of the foregoing provisions, or a determination by ICE or any other Immigration Authority that Subcontractor, or any of its subcontractors and material men, has not complied with any Immigration Law, shall amount to a default under this Subcontract, and be cause for Contractor to exercise its rights of termination. To the fullest extent permitted by law, Subcontractor shall defend, indemnify and hold harmless Contractor, Client, and their consultants, agents, and employees of each of them, from and against any and all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the Subcontractor's breach of this Article.

E. Subcontractor shall enroll in the E-Verify program and provide to Contractor acceptable evidence of enrollment at the time of the execution of this Subcontract. 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. Additional information regarding the Employment Eligibility Verification System (E-Verify) program may be obtained at following website: <http://www.dhs.gov/E-Verify>. Subcontractor shall familiarize itself with all rules and regulations governing this program.

F. In the event the Work to be performed by Subcontractor is subject to union agreements, Subcontractor is not entitled to any Work price increase for compliance with union agreement requirements except to the extent the Client additionally compensates Contractor for compliance with said labor requirements.

G. Subcontractor shall comply with all applicable labor requirements, including any union agreements or labor laws or regulations. Subcontractor shall indemnify and save, and hold Contractor harmless from any and all penalties, forfeitures, sanctions, liabilities, loss, cost, and attorneys' fees and expenses imposed upon or incurred by Contractor because of or arising out of any failure of Subcontractor to comply with such provisions.

H. Subcontractor shall employ only such persons as are acceptable to Contractor and Client, and Subcontractor shall remove from any work site covered by this Subcontract any employee as required by Contractor or Client.



7. INSURANCE.

A. Subcontractor specifically agrees and understands that prior to the start of any Work, Subcontractor, and all sub-subcontractors, drivers, operators, etc. working for Subcontractor, must obtain and shall maintain in force for the duration of any activities by Subcontractor with regard to any Work Order, **all insurance policies listed on Exhibit "B"** in the amounts reflected therein.

B. Subcontractor, and all sub-subcontractors, drivers, operators, etc. working for Subcontractor, must name the following entities as certificate holders on all required insurance policies:

i. The Client identified in the Prime Contract which relates to any Work Order issued to Subcontractor for the relevant project; and

ii. CrowderGulf, LLC.

C. Prior to start of any Work, Subcontractor must fax a copy of all insurance policies required hereunder to Contractor to the attention of Jenny Todd at (251) 459-7433 and must mail the original policies to Contractor at 5629 Commerce Blvd. East, Mobile, Alabama 36619

D. If Subcontractor has any questions about the required insurance policies, Subcontractor should contact Jenny Todd Weaver at (251) 459-7430.

E. Failure by Subcontractor to obtain or maintain any insurance coverage(s) as required by this Subcontractor shall constitute a material default of Subcontractor's obligations and shall, notwithstanding any contract provisions to the contrary, entitle Contractor at its option to immediately (i) stop all Work by Subcontractor pending submission of adequate proof of the existence of proper coverage (no such stop work order shall entitle Subcontractor to additional time or money), (ii) terminate any or all Work Orders and/or this Subcontract for default, (iii) purchase proper coverage(s) and charge all costs thereof to Subcontractor, and/or (iv) withhold any further payments to Subcontractor until arrangements for the required coverage(s) are made.

F. All insurance policies shall contain a provision stating that the coverages afforded thereunder shall not be canceled or not renewed, or restrictive modifications added, until at least thirty (30) days prior written notice has been given to Contractor. Certificates of insurance acceptable to Contractor shall be faxed or mailed to Contractor to the attention of Jenny Todd at the address or facsimile number above prior to the start of any Work. The following statement shall be submitted on each certificate: **"The insurance coverage afforded on this certificate will not be materially changed or cancelled without thirty (30) days written notice to the certificate holder."** Contractor's receipt of any insurance certificate that fails to comply with any terms herein shall not constitute a waiver of any of Subcontractor's obligations or of any of Contractor's rights hereunder.

G. A waiver of subrogation in favor of Contractor and Client shall be provided from all insurance carriers including the Workers' Compensation carrier.

H. Subcontractor's Commercial General Liability, Automobile Liability, and Workers' Compensation Coverages shall be primary, and any applicable insurance carried by either the Client or Contractor shall be excess over Subcontractor's insurance.



8. REPRESENTATIONS AND WARRANTIES OF SUBCONTRACTOR.

A. Subcontractor represents and warrants that it is experienced in the type of services to be provided under any Work Order and that it has the necessary equipment, manpower, materials, and funding to perform this Subcontract and any Work Order issued pursuant to this Subcontract in accordance with the requirements and instructions listed on Exhibit "A."

B. Subcontractor warrants to Contractor that all Work will be of good and workmanlike quality and fit for the purpose intended. Subcontractor agrees to correct all Work performed or material supplied by it under this Subcontract which proves defective or deficient within the period of time specified in the Contract Documents. Subcontractor agrees to satisfy such warranty obligations without cost to Contractor or Client. If no warranty is required of Contractor in the Prime Contract, then Subcontractor shall warrant its Work for one year from the date of last performance of work or delivery of materials. This warranty shall be in addition to all other warranties and remedies, express or implied, under Alabama state or federal law. Subcontractor further agrees to execute any special warranties or releases that may be required for Subcontractor's Work prior to final payment for any particular Work Order.

C. Subcontractor hereby represents and warrants that it is not a debarred contractor and understands and agrees that any infraction on its part of local, state or federal law or of this Subcontract, any Work Order, the Prime Contract, or other Contract Documents shall lead to immediate termination of this Subcontract and any Work Order issued pursuant to this Subcontract.

D. Subcontractor warrants and represents that all of its employees and subcontractors are treated equally during employment without regards to race, color, religion, sex, age, disability, veteran status, military obligations, genetic information, national origin, or any other characteristic protected by applicable state or federal law.

9. SAFETY.

A. Subcontractor agrees to perform all Work required by the Contract Documents so as to avoid injury or damages to persons or property. Subcontractor shall have the affirmative duty to obtain and keep a copy of Contractor's Safety Manual, current as of the date of any applicable Work Order, and to obtain updated copies during the performance of the Subcontract.

B. Subcontractor shall supply all services, equipment and materials under this Agreement in accordance with such Safety Manual and shall comply with any applicable provisions of the Occupational Safety and Health Act and all other applicable federal, state and local government safety codes and regulations.

C. Subcontractor shall be solely responsible for insuring the safety of its employees. Subcontractor shall take all necessary precautions for the safety of its employees and others at the project site and shall at all times maintain discipline and good order among its employees.

D. Subcontractor shall also comply with all safety programs, rules, requirements imposed under the Prime Contract.



10. INDEMNITY.

A. To the fullest extent permitted by law, Subcontractor agrees to save, hold harmless, indemnify and defend the Client, Contractor, and their respective agents, partners, affiliates, directors, officers and employees from any and all claims, demands, losses, damages, fines, penalties, judgments, and costs of suit (including attorney's fees and litigation expenses of any kind) incurred by any party to be indemnified herein arising, directly or indirectly, on account of or in connection with any act or omission of Subcontractor relating in any way to the Subcontract or its performance under any Work Order, regardless of whether such loss, penalty or expense is caused in part by any party to be indemnified herein and regardless of whether such loss, penalty or expense arises out of Subcontractor's use of any materials, tools, machinery or other property of Contractor. Subcontractor's duty of indemnification shall not extend, however, to any loss, penalty or expense caused by the sole negligence of the party seeking to be indemnified herein.

B. Subcontractor's obligations under this article entitled "Indemnity" extend to any loss, penalty or expense attributable to or arising out of any act or omission of any person, firm, or corporation providing services, equipment or materials at the request of Subcontractor or by anyone for whose acts and omissions Subcontractor is otherwise legally liable. For example, Subcontractor shall indemnify and hold harmless Contractor from any liability to Client arising out of an alleged violation of certification requirements of the Contract Disputes Act (41 U.S.C. § 605), the Prompt Payment Act (31 U.S.C. § 3903), or other federal or state statutes relating to the validity of Subcontractor claims, proposals, applications or requests for payment.

C. In any and all claims against the Client, Contractor, or others being indemnified herein by any employee of Subcontractor, anyone directly or indirectly employed by the Subcontractor, or anyone for whose acts the Subcontractor may be liable, the indemnification obligation under this Article shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for Subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

D. Subcontractor shall be liable to, and shall save, defend, indemnify, and hold harmless, Contractor for any loss or expense, including reasonable attorney's fees, resulting from Subcontractor's failure to provide or require any insurance coverage described herein.

11. PAYMENT.

A. Subject to the terms of this Subcontract, Contractor agrees to pay Subcontractor as set forth in the Work Order. Unless expressly provided otherwise, all requirements of the Contract Documents are compensated solely and exclusively by the pricing set forth in a duly issued Work Order. No amounts in excess of the amounts specified in the Work Order shall be paid without the prior written agreement of Contractor, which agreement shall be a condition precedent to any right of Subcontractor to such payments.

B. Notwithstanding anything in the Contract Documents to the contrary, it shall be an absolute condition precedent to any liability of Contractor to pay Subcontractor for progress or final payments for any Work performed by Subcontractor that Contractor be in receipt of payment by Client for such Work. If Client has not paid Contractor, for whatever reason (including, but not limited to, Client 's inability to pay, insolvency, bankruptcy or other financial problems), Subcontractor agrees that Contractor shall not be liable to, or indebted to, Subcontractor on account of such Work.



Subcontractor accepts the risk that it will not be paid for Work performed by or for Subcontractor in the event that Contractor, for whatever reason, is not paid by Client for such Work, and Subcontractor relies entirely for payment for Work performed on the credit of Client, and not of Contractor. In the event Contractor pays Subcontractor for any Work performed pursuant to any Work Order issued hereunder prior to receiving full payment for such Work from Client, Contractor shall not be deemed to have waived of this provision as to any other payment due to Subcontractor.

C. Subject to the foregoing Subsections A and B, payment shall be made as follows:

i. Payments will be based on valid documentation, as provided or required by Contractor or Client at the time of Work performance, showing proof of Work done. Any discrepancy between the documentation showing proof of Work done kept in the records Contractor, Subcontractor, the Client, or any governmental authority will be reconciled, and payment will be adjusted accordingly. Should Subcontractor notice any such discrepancy, it should report the discrepancy to Contractor immediately.

ii. Unless applicable law requires otherwise, Subcontractor shall be paid ninety percent (90%) on a weekly basis, following the second week. Payment will be made two weeks in arrears on the Thursday following the week ending the previous Sunday.

iii. Subject to reconciliation of Contractor's, Client's, and Subcontractor's records, the retainage withheld on a weekly basis will be paid upon satisfaction of all of the following requirements: (1) the final release of the Prime Contract between Contractor and its Client; (2) the completion by Subcontractor and the acceptance by Contractor and its Client of all Work required under any Work Order issued hereunder, including final clean up and damage repairs; and (3) Subcontractor's provision of proof to Contractor of satisfactory payment and settlement with all of Subcontractor's employees and subcontractors.

12. DUTY TO PAY FOR SERVICES AND SUPPLIES.

A. Subcontractor shall make timely payment for all labor, services, supplies, equipment, and/or sub-subcontracts relating in any way to Subcontractor's Work. If Contractor receives a claim that Subcontractor has not paid for work or materials supplied, then after providing Subcontractor ten (10) days' notice of these claims, Contractor may, but is not obligated to, resolve the claims itself and pay the claims from any monies due or to become due Subcontractor. The liability of Subcontractor hereunder shall extend to and include the full amount of any and all sums paid and obligations assumed by Contractor in good faith under the belief that such amounts were properly payable by Subcontractor. As Contractor's administrative fee for handling the claims, Contractor shall be entitled to 20% of the amount of the claims from Subcontractor and may satisfy this administration fee from any amounts due or to become due to Subcontractor. In the event the unpaid balance payable to Subcontractor is not sufficient to satisfy Subcontractor's liability under this Article, Subcontractor shall pay to Contractor all the balance of any obligation defined herein.

B. If Subcontractor objects within the ten (10) day notice period to Contractor resolving any claim, or Contractor is unable to resolve any claim, and litigation, mediation, or arbitration is initiated, Contractor shall have the right to retain out of any payment due or to become due under the Subcontract an amount sufficient to indemnify Contractor against such lien or claim, including reasonable attorneys' fees and litigation, mediation, or arbitration expenses.



13. **FORFEITURE OF RETAINAGE.** Subcontractor's failure to complete final cleanup in its assigned work areas to the satisfaction of Contractor and the Client, will result in forfeiture of the Subcontractor's retainage. Contractor may, in exercise of its sole and absolute discretion, hire other subcontractors and pay them out of the retainage withheld from Subcontractor to complete the final cleanup.

14. **TAXES.** Subcontractor agrees to pay all local, state, and federal taxes incurred during the performance of the Subcontract and any Work Orders issued pursuant to it; and Subcontractor specifically agrees to make all necessary withholding tax deductions from employees' salaries for state and federal taxes and shall provide all persons employed with the necessary and appropriate 1099, and/or W-2 statements as required by law.

15. **ASSIGNMENT.**

A. Subcontractor may not assign or sub-subcontract any portion of its Work under any Work Order without the prior written consent of Contractor, which consent may be granted, granted upon satisfaction of certain conditions, including but not limited to Subcontractor's mandatory use of a sub-subcontract substantially in the form of one which may be provided to Subcontractor by Contractor, or withheld in its sole discretion. In the event Subcontractor does, with Contractor's prior written consent, assign or sub-subcontract any portion of its Work, Contractor shall and is hereby deemed to be a third-party beneficiary of said assignment or sub-subcontract and shall have the right, but not the obligation, to directly enforce the terms thereof, including the right to terminate any sub-subcontractor or materials supplier and to require Subcontractor to perform the Work sub-subcontracted or assigned itself.

B. Contractor may assign this Subcontract to any party and shall, in the event of such an assignment, provide prior or contemporaneous notice thereof to Subcontractor.

16. **NOTICES.** All notices and communications required or permitted to be given to any Party hereunder shall be in writing and shall be deemed duly given on the earlier of (i) the date when delivered by hand; (ii) upon receipt when delivered by electronic mail, proof of which may be satisfied by delivery confirmation produced by the sender's electronic mail software; (iii) the next business day after delivery by a reputable overnight delivery service; or (iv) three (3) business days after being placed in the United States Mail. All notices shall be directed to the appropriate party at the addresses set forth below:

If to the Contractor:

CrowderGulf, LLC
5629 Commerce Blvd. East
Mobile, Alabama 36619
Attention: Ashley Ramsay
Email: aramsay@crowdergulf.com

If to the Subcontractor:

Attention: _____
Email: _____



A party may change its respective contacts, addresses and facsimile numbers set forth above upon written notice to the other party or parties.

17. DEFAULT.

A. Subcontractor's (or Subcontractor's approved sub-subcontractor's or assignee's) failure to perform or comply with any one or more of the terms of any Work Order, Subcontractor's inability to provide Contractor with satisfactory evidence of Subcontractor's financial ability to perform any obligations thereunder, or Subcontractor's failure to comply with any provision of this Subcontract shall constitute a default. In the event of default by Subcontractor, Contractor may, at Contractor's sole option, after 24 hours' notice to Subcontractor, either (a) provide the labor, materials, equipment and supplies and other items necessary to perform the Work and discharge the obligations of Subcontractor or (b) terminate the Work Order for default and arrange for the performance of all of Subcontractor's obligations by Contractor or others. In either event, Contractor shall be entitled to recover from Subcontractor any costs or damages incurred and may deduct such costs or damages from any money then due or thereafter to become due under any or all Work Orders issued hereunder or other written agreements between the parties. Such costs and damages shall include, but not be limited to, costs and expense of labor, materials, rental equipment, subcontractors, reasonable allowance to Contractor for use of Contractor's equipment (based on A. E. D. rental rates, latest edition), and reasonable allowance for overhead expenses and normal profit. Any amount owed by Subcontractor to Contractor in excess of any balances otherwise payable by Contractor to Subcontractor shall be paid by Subcontractor on demand.

B. In case of any default hereunder, Contractor may take exclusive possession of any materials and equipment on the project belonging to Subcontractor and use the same in the completion of the Work, free of all claims for the value of said materials and for the rental of said equipment, and free of all claims for depreciation and ordinary wear and tear.

C. Determination of default made by Contractor in good faith under the belief that a default exists under the terms hereof shall be conclusive of the fact of such default and on the Contractor's right to proceed as herein provided.

18. APPLICABLE LAW. All rights and liabilities of the parties under the Subcontract shall be interpreted and enforced under the laws of the State of Alabama.

19. DISPUTE RESOLUTION.

A. The parties expressly agree to attempt in good faith to negotiate any controversy or claim arising out of or relating to this Subcontract or any Work Order, or the breach thereof. Further, the parties agree to mediate in Mobile County, Alabama, any dispute that cannot be settled by negotiation. Either party may institute non-binding mediation which shall proceed under the American Arbitration Association Construction Industry Mediation Rules. Any dispute remaining after completion of mediation between Contractor and Subcontractor (or after the mediator has declared an impasse) shall be resolved through litigation in a court of law. However, the exhaustion of the dispute resolution remedies set forth herein is a condition precedent to any such litigation.

B. The Subcontractor agrees not to communicate directly with the Client regarding any claim, dispute or other matter in question between the Subcontractor and Contractor arising under the Subcontract or any Work Order, unless the Subcontractor is required to do so under federal, state or local law.



C. The claims and disputes of Contractor, Subcontractor and other subcontractors, sub-subcontractor and/or suppliers involving a common question of fact or law shall be heard by the same mediator in a single proceeding.

D. Alabama state law shall apply to the resolution of all issues, and venue shall exclusively lie in a state or federal court of competent jurisdiction located in Mobile, Alabama. Any litigation shall be conducted solely as a bench trial, and THE PARTIES HERETO SPECIFICALLY WAIVE ANY RIGHT TO A TRIAL BY JURY ON ANY CLAIM THEY MAY HAVE.

20. **WORK CONTINUATION AND PAYMENT.** Unless otherwise agreed in writing, or unless Contactor has terminated the applicable Work Order, Subcontractor shall carry on the Work and maintain the schedule of Work under any Work Order pending any and all dispute resolution procedures. If Subcontractor is continuing to perform, Contractor shall continue to make payments in accordance with the Subcontract.

21. **INSPECTION OF BOOKS AND RECORDS.**

A. Subcontractor shall make all of its books and records regarding any Work hereunder available for inspection and copying by Contractor and/or Client for either a period of five years or the period of time Contractor must make its records available to Client under the Prime Contract, whichever is longer, following the completion of the Work. In the event Contractor or Client suspects that Subcontractor has submitted incorrect or fraudulent billings or invoices, Contractor may withhold any future payments to Subcontractor until a full review and audit of Subcontractor's records has been completed.

B. Subcontractor agrees to make all project records available at the jobsite to Contractor for the purpose of inspection and/or substantiating the billings submitted by Subcontractor within 24 hours after Contractor makes a request for such records.

22. **BOND.**

A. At the option of Contractor, Subcontractor shall furnish Contractor with separate performance and payment bonds covering any Work Order issued hereunder. Such bonds will be upon terms acceptable to Contractor and will have a satisfactory corporate surety. Each bond shall be in an amount equal to 100% of the total amount of the Work Order. The requirement for a bond and the manner of payment therefore shall be set forth in the applicable Work Order.

B. If Contractor has supplied a bond to Client for the Work being performed by Subcontractor, then the following provision shall apply:

Notice to Contractor of Bond Claims. If after making payment to Subcontractor, Contractor receives written notice from a supplier or a second-tier subcontractor of a deficiency (including a failure to pay) in Subcontractor's performance, Contractor may, after providing notice to Subcontractor and without incurring an obligation for late payment interest penalty, withhold from Subcontractor's next available payment or deduct from the next payment application an amount sufficient to compel prompt remedial performance. Contractor shall withhold this amount until it receives satisfactory written notification from the supplier or second-tier subcontractor that the subcontract performance deficiency has been corrected. After receiving satisfactory written notice, Contractor shall pay the withheld amount due Subcontractor as follows:



1) Amounts held in Contractor's possession shall be paid as soon as practicable but no later than seven (7) days after receipt of such satisfactory notification.

2) Amounts held by Client shall be paid within seven (7) days of receipt from Client by Contractor.

23. **LIQUIDATED DAMAGES.** If the Prime Contract provides for liquidated or other damages for delay beyond the completion date set forth in the Contract Documents, and such damages are assessed, then Contractor may assess the same against Subcontractor in proportion to Subcontractor's share of the responsibility for such delay. However, the amount of such assessment shall not exceed the amount assessed against Contractor. Nothing set forth herein shall limit Subcontractor's liability to Contractor for Contractor's actual delay damages caused by Subcontractor's delay. Subcontractor shall remain liable to Contractor for Contractor's actual damages caused by Subcontractor's delay, except that in all instances subcontractor's liability shall not exceed the amount it has been paid by contractor.

24. **WAIVER.** The failure of either party to invoke any provision hereof or assert any right given herein on any one occasion or on any series of occasions shall not amount to or be interpreted as a waiver or release of any such provision or right.

25. **NO PRIOR AGREEMENTS.** This Subcontract, along with any Work Order issued to Subcontractor hereunder, constitutes the complete agreement between the parties and supersedes any and all prior understandings, conversations, and proposals.

26. **MODIFICATIONS.** No modification of this Subcontract shall be enforceable unless it is set forth in a writing signed by the party against whom the modification is asserted.

27. **SEVERABILITY.** The partial or complete invalidity of any one or more provisions of this Subcontract shall not affect the validity or continuing force and effect of any other provision. If any provision of the Subcontract is found unenforceable by any court or tribunal, Contractor and Subcontractor agree that such provision shall be modified to the minimum extent necessary to render it enforceable and that the remainder of the Subcontract shall not be otherwise affected.

28. **TITLES.** The titles given to the individual provisions of this Subcontract are for ease of reference only and shall not be relied upon or cited for any other purpose.

29. **TERM AND TERMINATION.**

A. This Subcontract shall continue in full force and effect until terminated as provided herein. Either party may terminate this Subcontract, with or without cause, upon seven (7) days written notice to the other party. Subject to Article 30, in the event of the termination of this Subcontract, Subcontractor shall continue in the performance of all Work required by any Work Order issued to Subcontractor prior to the effective date of termination.

B. If, after giving notice of termination of this Subcontract, it is determined for any reason that Subcontractor was wrongfully terminated or that Contractor was not entitled to the remedies against Subcontractor provided herein, then Subcontractor's remedies against Contractor shall be limited to recovery of any portion of Subcontractor's fee earned through the date of termination, but Subcontractor shall not be entitled to any other or further recovery against Contractor, including, but not limited to, anticipated fees or profits on Work not required to be performed, lost business opportunity, special damages, punitive damages, consequential damages or unabsorbed overhead.



C. If Subcontractor files a petition under the Bankruptcy Code, this Subcontract shall immediately terminate if Subcontractor or Subcontractor's trustee rejects the Subcontract or, if there has been a default, Subcontractor is unable to give adequate assurance that Subcontractor will perform as required by the Subcontract or otherwise is unable to comply with the requirements for assuming this Subcontract under the applicable provisions of the Bankruptcy Code. If Subcontractor is not performing in accordance with the schedule of Work at the time a petition in bankruptcy is filed, or at any subsequent time, Contractor, while awaiting the decision of Subcontractor or its trustee to reject or to assume this Subcontract and provide adequate assurance of its ability to perform hereunder, may avail itself of such remedies as are reasonably necessary to maintain the schedule of Work.

D. Upon termination of this Subcontract by either party, the provisions of Articles 10, 12, 18, 19, 21, 23, and 31 shall survive and continue in full force and effect.

30. **TERMINATION BY CLIENT.** Should the Client terminate the Prime Contract with Contractor or any part thereof which includes Subcontractor's Work, Contractor shall notify Subcontractor in writing. This Subcontract shall be terminated, and Subcontractor shall immediately stop Work, follow all of Contractor's instructions, and mitigate all costs. No other prior notice is required. **In the event of such termination by the Client, Contractor's liability to Subcontractor is limited to the extent of Contractor's recovery on Subcontractor's behalf under the Prime Contract. However, this provision shall not obligate Contractor to pursue recovery of any amounts owed from Client for Subcontractor's Work.**

31. **RELEASE OF INFORMATION AND CONFIDENTIALITY.**

A. Subcontractor shall treat as confidential and not disclose to third persons, except approved sub-subcontractors, suppliers, and the Client, as is necessary for the performance of the Work, or use for its own benefit, any of Contractor's developments, confidential information, including but not limited to the identity of Contractor's Clients and potential clients, pricing, and bidding procedures and information, know-how, discoveries, methods and the like that may be disclosed to Subcontractor or which Subcontractor may acquire in connection with the Work. Subcontractor shall take all reasonable action(s) to meet its obligations of confidentiality under this Article.

B. Subcontractor acknowledges that the Contractor may be required from time to time to enter into agreements with Clients regarding confidentiality, protection of proprietary rights, non-disclosure, intellectual property, trade secrets and the like and agrees to abide and be bound by these agreements upon notice of such agreement(s) from the Contractor.

C. Subcontractor acknowledges that such a breach any provision of this Article 31 may result in continuing and irreparable damage to the Contractor for which there may be no adequate remedy at law and that the Contractor, in addition to all other relief available to the Contractor, shall be entitled to the issuance of an injunction restraining the Subcontractor from committing or continuing any breach of this Article without being required to first undertake the dispute resolution procedures of Article 19.

D. Further, no news releases (including photographs, films, public announcements or denial or confirmation of same) on any portion of the subject matter of this Subcontract or any phase of any project shall be made by Subcontractor without prior written approval by Contractor.

E. The confidentiality obligations set forth in this Article 31 shall survive the completion of all Work or the termination of this Subcontract.



IN WITNESS WHEREOF, the parties have executed this Subcontract on the date first above written.

CROWDERGULF, LLC
Contractor

By: _____ (Sign)

Print Name: _____

Its: _____

Witness: _____

Print Name: _____

Subcontractor

By: _____ (Sign)

Print Name: _____

Its: _____

Witness: _____

Print Name: _____



REQUIRED INFORMATION

Company Name: _____

Contact Name: _____

Address: _____ City: _____ State: _____ Zip Code: _____

Phone #: _____ Cell Phone #: _____

Fax #: _____ Email: _____

Social Security/Federal I.D. #: _____

Please check all that apply:

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Insurance Certificate must be sent to CrowderGulf office in order to verify
the following coverage:

Liability Insurance:
1,000,000

Auto Insurance:
1,000,000

Worker's Comp
500,000

Checks to be sent to: (One option must be checked)

Satellite Location

☐

Mailed To
Office/Residence

☐

Fed Ex To
Office/Residence
(Account Number
Must Be Included)

☐

**Please note, once you have received your first check, this is where all checks will
be sent**

Unless the DAO office is notified in writing.

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.

**CrowderGulf Disaster Administration Office
5629 Commerce Blvd. East
Mobile, Alabama 36619
251-459-7430 (phone)
251-459-7433 (fax)**

*** ALL DOCUMENTATION MUST BE PROVIDED TO THE DAO OFFICE NO LATER
THAN TEN DAYS FOLLOWING THE EXECUTION OF THIS SUBCONTRACT.**



EXHIBIT A

SUBCONTRACTOR REQUIREMENTS AND INSTRUCTIONS

As the **Subcontractor**, I have read and understand that the following list is part of the **Subcontractor's** responsibilities and by signing this subcontract, I agree to abide by the said requirements.

Subcontractor Requirements:

Personnel

1. A list of all personnel and subcontractors per job site, with names and phone numbers, will be made available to CrowderGulf.
2. Federal contractors and subcontractors are required to use E-Verify as of September 8, 2009. Executive Order 12989 mandates the electronic verification of all employees working on any federal contract. The amended Executive Order reinforces the policy that the federal government supports a legal workforce. **E-Verify** is an Internet-based system that allows an employer, using information reported on an employee's Form I-9, Employment Eligibility Verification, to determine the eligibility of that employee to work in the United States.
3. A Subcontractor foreman or supervisor must be present with crews to provide oversight.
4. Subcontracting by Subcontractor should be limited to one tier. Failure to comply will result in possible termination of said subcontract.

Equipment / Debris Hauling Trucks

4. All vehicles, equipment, fuel, materials, parts, tires, and clean-up in work areas will be provided by **Subcontractor** at no cost to CrowderGulf.
5. All equipment and trucks are serviced and maintained on a regular basis and have been checked for the following safety requirements:
 - a. Tires appear in acceptable condition
 - b. Brake lights work
 - c. Turn signals work
 - d. Reverse lights work
 - e. Backup alarm working
 - f. Horn working
 - g. Any removable components (sideboards, tailgates, etc.) are secured
 - h. Tailgate is properly secured and is a FEMA approved tailgate that opens from the side.
 - i. No false bottoms, hidden tanks, or other load altering devices are in place.
6. All trucks used to haul debris, at a minimum, are capable of rapidly dumping its load without the assistance of other equipment; and/or if equipment is needed to unload trucks, it will be provided by the Subcontractor.
7. All trucks hauling debris will have a tailgate that will effectively contain the debris during the transport and permit the truck to be filled to capacity. Tailgates should meet FEMA requirements and should not be made from plastic mesh. Metal fence gate, turkey wire or cattle wire can be used if approved by FEMA/City/County.



8. Sideboards or other extensions to the truck bed are allowable provided they meet all applicable rules and regulations, cover the front and both sides, and are to be constructed in a manner to withstand severe operating conditions. The sideboards are to be constructed of 2" by 6" boards or greater and not to extend more than two feet above the metal bed sides. Use of any other types of sideboards must be approved by CrowderGulf and City/County prior to certification.
9. All truck drivers will have a valid driver's license and/or a CDL certification (if applicable).
10. Trucks will have current registration (bill of sale for new trucks, if within 30 days, will be accepted until registration is issued) in the truck at all times.
11. Hand loading of debris hauling trucks will not be permitted under any circumstance.
12. All trucks will have current proof of insurance in the truck at all times.
13. **Subcontractor** assures that all loads are transported without threat of harm to the general public, private property, and public infrastructure. Any debris above the top rail poses a threat to utility lines and possibly the public.
14. All trucks will be certified by City/County representative before hauling any loads.
 - a. All trucks will have a placard with certified number and measured cubic yardage written on it and placed on the driver's side of the truck bed and in clear view for tower personnel.
 - b. **IF for any reason the cubic yards change, the truck MUST be recertified immediately and a new certified number will be issued.**
 - c. All trucks will have a **copy of the truck certification** with the truck at all times.

Safety

15. **Subcontractor** agrees to adhere to CrowderGulf's written Safety / Health Policy, a copy of which can be obtained at the Disaster Administration Office located in Theodore, Alabama or your local field office.
16. The Subcontractor 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). All traffic safety signs and equipment will be furnished by **Subcontractor at no cost to CrowderGulf** and be in accordance with the latest Manual of Uniform Traffic Control Device, to include but not limited to:
 - a. Traffic signs (ROAD WORK AHEAD, ONE LANE ROAD AHEAD, FLAGMAN SYMBOL, etc.) must be in acceptable condition and not homemade
 - b. One flagger must be provided for every truck unless otherwise stated in the Master Agreement or stopping traffic then two or more may be required.
 - c. One orange vest and one hard hat for each ground crew member
 - d. Adequate cones to place one per 20 linear feet of work zone
 - e. Two stop/slow paddles for flagmen
 - f. First Aid Kit
 - g. A fully functional fire extinguisher for all vehicles
- 17.



If crew has chainsaw operator, the following will be in place:

- a. Hand, foot, leg (chaps), eye, face, hearing and ear protection for chainsaw operator
- b. Orange highway hard hat, vest, cap and shirt for chainsaw operator
- c. No-loose fitting clothing can be worn.

18. **Subcontractor** agrees to adhere to CrowderGulf's written Drug / Alcohol Policy, a copy of which can be obtained at the Disaster Administration Office located in Mobile, Alabama or your local field office.

CrowderGulf is an Equal Opportunity Employer. It is our policy to provide an employment and work process free of any unlawful discrimination. We will promote the value of a diverse work force, which fosters fair treatment of all individuals based on knowledge, skill, ability and performance.

EXHIBIT B

REQUIRED INSURANCE POLICIES

<u>Policy</u>	<u>Limit</u>
General Liability	(\$1,000,000/per occurrence)
Commercial Auto Liability	(\$1,000,000/per occurrence)
Workman's Comp	(\$500,000/per occurrence)

1. The following must be named as certificate holders on your auto, general liability and workman's comp policies:
 - i. CrowderGulf, LLC
5629 Commerce Blvd. East Mobile, AL 26619
 - ii. The City or County where you are working as stated in the **Work Order**.
2. Have your insurance agent fax a certificate verifying your policy information for general liability, auto liability, and worker's compensation to (251) 459-7433 ATTN: Jenny Todd Weaver, original should be mailed to CrowderGulf.

If you have any questions, contact Jenny Todd-Weaver at (251) 459-7430.

Email: jtodd@crowdergulf.com

* The following statement shall be submitted on each certificate: **"The insurance coverage afforded on this certificate will not be materially changed or cancelled without thirty (30) days written notice to the certificate holder."**

NOTE: All subcontractors must furnish insurance certificates for general liability, automobile and workman's comp, **before the first check is issued**. If for any reason CrowderGulf does not receive this documentation, it will result in **termination and/or deduction of insurance from the weekly paycheck**.



b) Experience- Contract Management

CrowderGulf has a proven track record of successful contract management and the unique ability to simultaneously manage multiple contracts and many specialty debris projects such as waterway debris removal and demolition. CrowderGulf has at its disposal an extensive inventory of company-owned equipment coupled with a large pool of dedicated subcontractors to complete any project, large or small.

The Summary Table below provides a snapshot of CrowderGulf's disaster-related work experience. It reflects the Company's ability to successfully complete multiple simultaneous disaster projects by providing the personnel and equipment resources needed, regardless of size, location, number of active projects, or the nature and severity of the disaster.

Over 98% of the 458 disaster projects listed in the table below were the result of pre-event contracts that were activated after a disaster. CrowderGulf successfully provided every Client all documentation FEMA required for our Client to receive reimbursement.

SUMMARY TABLE OF SIMULTANEOUS DISASTER DEBRIS PROJECTS					
Year	Hurricane	# of DMS Managed	Simultaneous Contract Activations	Invoice Amount	Approx. Cubic Yards (CY)
2021	KY Tornado	4	2	\$3,841,472	214,381
2021	Hurricane Nicholas	2	7	\$1,991,995	177,420
2021	Hurricane Ida (Ongoing)	4	4	\$31,301,716+	1,756,593+
2021	Flooding & Severe Storms	6	2	\$907,894	58,657
2020	Hurricane Zeta	3	8	\$28,180,016	2,017,584
2020	Hurricane Sally	37	12	\$116,752,782	9,117,141
2020	Hurricane Laura (Ongoing)	8	10	\$232,676,605+	17,122,580+
2020	Tennessee Tornados	4	2	\$10,557,993	812,812
2019	Hurricane Dorian, TS Imelda, Tornado, Misc. Projects	3	2	\$4,559,359	143,336
2018	Hurricane Michael	24	16	\$250,192,143+	16,902,944+
2018	Hurricane Florence	10	18	\$29,914,480	2,190,278
2017	Hurricane Nate	1	3	\$2,119,616	165,948
2017	Hurricane Irma	91	64	\$202,589,828	10,447,423
2017	Hurricane Harvey	15	27	\$93,763,082	6,015,594
2016	Hurricane Matthew	32	39	\$82,267,725	5,675,560
2016	Hurricane Hermine (2 Activations)	3	2	\$9,080,715	401,366
2016	Severe Storms, (Ice, Flood & Tornados)	1	12	\$9,153,193	648,612
2015	Severe Storms, (Ice, Flood & Tornados)	0	15	\$2,311,844	109,578
2014	Ice Storms Pax & Ulysses, Severe Storms (Flood & Tornados)	5	14	\$9,866,559	669,314
2012	Sandy	1	4	\$57,805,734	727,194
2012	Isaac	3	9	\$2,821,936	245,799
2011	Irene	13	31	\$14,754,641	1,673,821
2008	Ike	27	36	\$178,318,425	16,933,904
2005	Dennis, Katrina, Rita, and Wilma	41	67	\$279,764,959	19,441,656
2004	Charley, Frances, Ivan, Jeanne	61	36	\$292,426,233	16,800,678
2003	Isabel	19	16	\$66,344,733	5,447,815



Past Experience

For all activations, CrowderGulf Management teams have been led by disaster experienced and knowledgeable personnel well-versed in FEMA regulations, including eligible work, funding and reimbursement requirements. Several of CrowderGulf's personnel have held emergency management positions both locally, as well as state and federal positions. These individuals provide updates and training to CrowderGulf staff on a regular basis. Details of personnel qualifications are provided in the **Key Personnel Section** of this proposal.

The best way to demonstrate the qualifications, knowledge, and experience of CrowderGulf is to provide summaries of past performance and references to support our work, which we have provided below. CrowderGulf's ability to successfully manage multiple contracts, within client timelines and FEMA guidelines, is highlighted in the following excerpts of past experience following major natural disasters. A Summary Chart is included at the end of each year's work that shows the varied scopes of work that were completed.

2021 Hurricane Ida and Nicholas

Hurricane Ida was a deadly and destructive Category 4 Atlantic hurricane that became the second-most damaging and intense hurricane to make landfall in the U.S. state of Louisiana on record, behind Hurricane Katrina in 2005.

On August 29, 2021, Hurricane Ida impacted much of coastal Louisiana, including St. John the Baptist Parish. With hurricane force winds in excess of 150-mph and resembling a tornado, that left behind over a million cubic yards of debris behind.

CrowderGulf held a pre-event contract with the Parish and once the Parish was in the cone of uncertainty, CrowderGulf's contracts manager was in contact to discuss the possibility of the issuance of a Notice to Proceed (NTP). Our Director of Operations was on the ground doing damage assessment as soon as it was deemed safe and a NTP was issued by the Parish on September 7, 2021. Once CrowderGulf was activated the team immediately mobilized all personnel, support equipment, and assets to begin the initial PUSH of all roadways for all essential vehicles, then immediately moving onto the major storm debris collection process. The 3 - debris management sites were immediately created to accept incoming storm debris collections. This project activated 20-30 self-loading grapple trucks as well as several wheel loaders, skid-steers and other supporting equipment required to perform all necessary actions. The Parish initiated final pass and the debris removal portion of the project completed May 15, 2022.

The Parish activated CrowderGulf to begin debris removal operations to waterways, drainage laterals and ditches and marine debris on March 4, 2022. To date, the CrowderGulf Team has removed and disposed of approximately 13,000 Cubic Yards of debris.

2021 Hurricane Ida and Nicholas; Flooding and Tornado												
15 Total Clients	Number of Clients in 2021 Utilizing Tasks Listed Below											
Contract Amt	PUSH Ops	ROW Haul	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	Freon	E-waste	HHW	ADMS Utilized	Waterway Debris
\$38,313,990	2	15	13	15	4	3	3	2	1	10	11	1



2020 Hurricane Laura, Hurricane Sally, Tornado

In 2020, CrowderGulf responded to nine major disasters (7 tropical storms, 2 tornados), with 27 contract activations in six different states. CrowderGulf developed and managed 49 debris management sites after these events. These debris activations were conducted simultaneously with multiple missions occurring within and across regions. The most notable attribute to the 2020 storm season was the consistent daily production rate. During the first 60 days CrowderGulf removed 12.26 million cubic yards of debris from the ROW after Hurricane Laura and Sally. This consistent daily production of over 204,000 cubic yards of debris per day demonstrated CrowderGulf's unparalleled capabilities. No other debris mission to date has produced this type of removal rate for this many consecutive days. Moreover, these productions were achieved without sacrificing safety, quality, cost or schedule. CrowderGulf has repeatedly displayed the proven capabilities to manage the largest debris missions this nation has faced. All of this has been made possible by having qualified and experienced key personnel, reliable subcontractors, effective sectoring and an efficient staffing approach.

2020 Hurricane Laura

Hurricane Laura made landfall near Cameron, LA early August 27, 2020 as a Cat 4 Hurricane with peak sustained winds of over 150 mph. It tied the 1856 Last Island Hurricane as the strongest hurricane on record to make landfall in the State of Louisiana. The CrowderGulf Management Team responded immediately and was on the ground in Calcasieu Parish and the Cities of Lake Charles, Sulphur, Dequincy, Vinton, Westlake and Iowa just hours after the dangerous winds passed. CrowderGulf executed the pre-storm response plans and immediately began debris assessment and removal operations. Due to the widespread destruction, CrowderGulf dispatched over 500 Emergency Road Clearance crews (aka Push Teams) to clear the roads for EMT, Fire and Police vehicles to access the citizens in need. During the Emergency Road Clearance operation, the CrowderGulf Management Team located, leased and permitted 16 Debris Management Sites to store and reduce the hurricane generated debris. CrowderGulf also simultaneously responded to the City of Alexandria, LA where CrowderGulf held a pre-event contract. Overall from Hurricane Laura, CrowderGulf removed, reduced and disposed of over 17.3 Million cubic yards of hurricane generated debris from the Right of Ways. In addition to PUSH operations, ROW Hauling, Tree Work and Disposal operations, CrowderGulf also worked within Calcasieu Parish to remove debris from over 1,600 miles of drainage laterals throughout the Parish. To date, over 850,000 cubic yards of debris has been removed and disposed of from the ditches and waterways within the Parish.

2020 Hurricane Laura, Sally, and Zeta												
26 Total Clients		Number of Clients in 2020 Utilizing Tasks										
Contract Amount	PUSH Ops	RO W Haul	NON-ROW Haul	Debris Reductio	Debris Dispos	Tree Work	Stumps	White Goods	E-waste	HH W	ADMS Utilized	Waterway Debris
\$377,609,403	5	25	6	20	25	23	13	10	8	9	24	2

2019 Hurricane Dorian, TS Imelda, Tornado, Misc. Projects

Dorian, a once Category 5 hurricane left a devastating path of destruction before making its US landfall in Cape Hatteras as a Category 2 storm. On its journey along the eastern US coastline, Dorian skirted the South Carolina coastline with tropical storm force winds and torrential rains resulting in the activation of two CrowderGulf debris removal contracts.



Hilton Head, and Dorchester County, South Carolina. Hilton Head requested an emergency push of debris from their roadways and Dorchester County, SC activated their contract for the removal and grinding of vegetative debris and the managing and removal of debris from their citizen drop off sites. CrowderGulf responded immediately to both of these activations sending emergency response crews to Hilton Head and simultaneously sending personnel and equipment resources to Dorchester. CrowderGulf completed the push activation for Hilton Head in less than 24 hours and removed, reduced and disposed over 31,294 cubic yards of debris for Dorchester County within 30 days. Although these were the only two contract activations, CrowderGulf performed numerous damage assessments for clients stretching from Florida to Virginia. In addition to Hurricane and Tropical Storm activations, CrowderGulf performed several miscellaneous projects one of which was for the City of Dickinson, Texas. CrowderGulf removed and disposed of waterway debris that was deposited in the Dickinson Bayou following Hurricane Harvey. This special Project, resulted in 27,872 cubic yards of debris. CrowderGulf utilized self-loading barges, floating empty box barges and chain saw crews to remove the debris from the waterway. Additional work included bank and ditch clearing in which CrowderGulf utilized picker barges and forestry mulchers along with chain saw crews.



2019 Hurricane Dorian, TS Imelda, Tornado, Misc. projects

7 Total Clients		Number of Clients in 2019 Utilizing Tasks										
Contract Amt	PUS H Ops	RO W Haul	ROE Hauling	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	E-waste	HH W	ADMS Utilized	Waterway Debris
\$4,586,145	1	2	0	2	4	1	0	1	1	0	4	1

2018 Hurricane Michael

Hurricane Michael plowed into the Florida Panhandle on October 10 as a major Hurricane. It is the first Category 5 storm on record to hit the Florida Panhandle. Tropical storm-force-winds extended more than 320 miles from the center, devastating the entire region. CrowderGulf holds many pre-event contracts within the area. Consequently, our Director of Operations and Florida Regional Manager were on the ground doing damage assessment within 2 hours of the storm's passing. We immediately mobilized hauling units to begin right-of-way (ROW)



debris operations. CrowderGulf has removed, processed, reduced and disposed of approximately **10 Million Cubic Yards** of vegetative and construction/demolition debris at 26 Debris Management Sites and 13 Final Disposal Facilities.

More than 83,000 hazardous trees had falling hangers and leaners and those limbs were cut to restore safe passage. CrowderGulf operations included demolition of structures and Private Property Debris Removal (PPDR) in Bay County and in Panama City, FL.



2018 Hurricane Florence

Hurricane Florence, a powerful and deadly Category 1 Hurricane took aim at the North Carolina coastline in September, 2018. This deadly hurricane claimed 55 lives as it swept across the state. Hurricane Florence brought devastating rainfall accumulations which caused flooding not only to the large stretch of coastline but also created widespread inland flooding. Many of the state's major rivers and tributaries reached record level height as 30+ inches of rainfall drenched the area and closed major interstates and roadways for weeks.

CrowderGulf was activated on 18 pre-event contracts across the state of North Carolina which involved the removal and reduction of over 2.1 million cubic yards of debris, the removal of approximately 50,000 leaners and hangers and the management and maintenance of 16 debris management sites. In addition, CrowderGulf provided sand and beach restoration to North Top Sail Beach, Oak Island and Bald Head Island.

While working in North Carolina, CrowderGulf experienced contract requirements which presented their own unique challenges. Damage assessments were hampered by non-receding floodwaters causing the closure of many roads and the isolation of communities. CrowderGulf assisted communities with damage assessment by providing drone flyovers into flooded areas and working with local officials to identify alternate debris management sites not affected by floodwaters.

The community of Bald Head Island had its own set of unique challenges. Bald Head Island is an island off the coast of North Carolina separated from the mainland by the Cape Fear River, accessible only by ferry boat. The challenge of this contract involved the access of equipment to the island and the means of disposal of storm generated debris. CrowderGulf worked with Bald Head Island to provide the debris collection and disposal services by setting up a debris reduction site on the island for the vegetative debris. At the vegetative debris site all material was reduced to mulch and then given back to the residents and local landscape businesses for residential use. CrowderGulf secured barges to transport the remaining materials, which included C&D and Household Hazardous Waste (HHW), across the Cape Fear River to final disposal sites.



Rising to the Challenge - During the Florence activation, the Florida Panhandle experienced the devastation of Hurricane Michael, a category IV storm. CrowderGulf had eleven additional contracts activated making a total of twenty nine simultaneous activated contracts.



In all 2018 activations, CrowderGulf provided each client with the needed assets, both personnel and equipment, to successfully meet all contractual obligations within the specified time. This included safety, quality assurance and documentation personnel.

Immediately after Hurricane Michael's destruction, CrowderGulf responded to Florida with urgency, providing each Florida Client with their own trained Project Management team.



CrowderGulf did not downsize equipment and personnel in North Carolina to respond to Florida. Instead, equipment and manpower **resources were doubled and in some cases tripled in our North Carolina contract activations.** We strived to re-assure our North Carolina clients that we would finish their projects strong and successfully. Simultaneously, we responded to our Florida clients with full resources and had damage assessment **personnel on the ground within two hours of the storm's passing. CrowderGulf provided personnel, drones and helicopters for damage assessment and brought in our own professional videographer to capture storm damage and the debris removal process.**

2018 Hurricanes Florence and Michael										
35 Total Clients	Number of Clients in 2018 Hurricanes Utilizing Tasks									
Contract Amt	PUS H Ops	ROW Haul	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	E-waste	HHW	ADMS Utilized
\$265,482,665	4	35	33	33	25	5	5	1	2	35

2017 Hurricanes Harvey & Irma

The 2017 Hurricane Season was extremely challenging as Hurricane Harvey caused extensive damage to the Texas Coast. Two weeks later, Hurricane Irma impacted the Florida Keys and continued its damage all the way to South and North Carolina. In Texas, CrowderGulf had 27 contracts activated and debris removal operations were in full swing. Then Hurricane Irma visited Florida, leaving behind great damage and devastation. As a result, CrowderGulf's resources had to be quickly expanded and adjusted to meet the needs of 65 clients in Florida. While the usual initial chaos and stress were present after these disasters, CrowderGulf focused on serving all affected clients in both states as quickly and efficiently as possible. As a result, all jobs were completed within the clients' timelines.



Hurricane Harvey

Texas - On August 25, 2017, Hurricane Harvey, one of the strongest hurricanes to hit the United States since 2005, made landfall as a Category 4 in Rockport, Texas. The maximum winds were 130 mph as it churned its way through Aransas County. As the storm continued to make its way along the eastern edge of the Texas coastline, additional impacts of storm surge and inland flooding affected numerous areas. The Houston metropolitan area observed between 30 and 60.5 inches of rain from this historic tropical system. Harvey destroyed 9,000 homes and damaged an additional 185,000 dwellings. CrowderGulf had 27 Texas County and Municipal contracts activated during this event and managed 25 Debris Management Sites (DMS), resulting in approximately **5 MILLION CUBIC YARDS** of debris being removed from ROW or ROE.

"I would like to thank you and your staff for the outstanding service provided to the County in 2017 due to Hurricane Irma"

*Russell A. Rowland, Assistant to
County Administrator,
Okeechobee County*



Hurricane Irma

Florida - On September 10, 2017, Hurricane Irma made two landfalls in the State of Florida. The first landfall was recorded in Cudjoe Key, Florida, with winds of 130 mph. The second landfall occurred in Naples, Florida, with sustained winds of 115 mph. This large hurricane impacted all of Florida as it moved north, causing 67 counties to be declared for FEMA Public Assistance. Consequently, CrowderGulf had 65 contract activations and managed 92 DMS in Florida, while simultaneously managing the 26 contract activations in Texas, the result of Hurricane Harvey in August. Both projects included the removal of over **10 MILLION CUBIC YARDS** of debris and resulting in costs in excess of **200 MILLION DOLLARS**.

2017 Hurricane Harvey & Irma Projects and Tasks												
91 Total Clients	Number of Clients in 2017 Hurricane Harvey & Irma Utilizing Task											
Contract Amt	PUS H Ops	ROW Hauling	Private Rds. Hauling	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	E-waste	HHW	ADMS Utilized	Waterway Debris
\$281,720,975	7	91	15	49	91	36	12	18	15	15	79	2

2016 Hurricane Matthew

Georgia - On October 7th, 2016, Hurricane Matthew began its devastating impacts on thirteen Counties in Georgia. CrowderGulf's debris contracts were activated the following week in Liberty County (serving the County and the Cities of Hinesville, Midway and Riceboro) as well as two contract activations in Chatham County. The storm left over 182,460 cubic yards of vegetative storm debris, 2,055 leaners and hangers, 727 stumps and 75 tons of C&D to be removed, reduced (by air curtain incineration) and disposed in Liberty County.

During our kick-off meeting, CrowderGulf was made aware the County elected to participate in the Public Assistance Pilot Program for expedited debris removal. CrowderGulf immediately began ramping up resources to successfully remove, reduce and dispose all debris within the given timeframe established by the County. Invoicing for the County was submitted in 30 day increments and supported by daily progress reports by both CrowderGulf and the monitoring Company. This close working relationship made participation in the **Pilot Program successful** for the County. The total project cost for Liberty County was \$1,736,692.

In Chatham County, the municipalities of Port Wentworth, Thunderbolt and Garden City activated their pre-event contracts with CrowderGulf. Port Wentworth recovered over 6,282 cubic yards of vegetative debris and removed 952 leaners and hangers while Garden City had 33,580 cubic yards of debris removed. Thunderbolt recovered 9,896 cubic yards of vegetative debris. All three municipalities reduced their debris by mulching/chipping. Three Georgia contracts were monitored by Tetra Tech and one was monitored by Witt O'Briens. All were completed in less than 90 days. The total project cost for Port Wentworth was approximately \$84,000, Thunderbolt was approximately \$108,700 and Garden City totaled \$365,490.



Florida - Following Hurricane Matthew impacting the east coast of Florida, CrowderGulf received 13 Florida contract activations from counties and cities as far south as Martin County and as far north as Duval County. Utilizing 18 Project Managers, and numerous field supervisors and equipment assets, CrowderGulf removed over 1.5 million cubic yards of debris and managed 13 DMS locations. Costs for the recovery efforts in Florida were \$30,358,208.

South Carolina - CrowderGulf was activated by Hilton Head Island (HHI) on October 7, 2016. CrowderGulf supplied over 125 pieces of equipment which included 6 grinders and a Trammel sand screen, plus an additional 300+ personnel to assist the HHI's 12 communities with recovery operations. Reduction operations consisted of chipping and mulching at both Debris Management Site (DMS) locations. CrowderGulf removed, reduced and disposed of over 3 million cubic yards of vegetative debris, over 10,000 cubic yards of C&D, removed 42,058 hangers and 5,301 leaners, and managed 2 DMS locations on the Island, for a total project cost of \$33,693,545.

2016 Hurricane Matthew Projects and Tasks											
39 Total Clients	Number of Clients in 2016 Hurricane Matthew Utilizing Task										
Contract Amt	PUSH Ops	ROW Hauling	Private Rds. Hauling	Debris Reduction	Debris Disposal	Tree Work	Stumps	White Goods	ADMS Utilized	Waterway Debris	Special Projects
\$82,267,725	8	33	3	24	33	12	6	2	18	1	5

2016 Floods & Storms

Texas Tornado – Starting in late December 2015, Severe Storms made their way through Texas (FEMA-4255-DR-TX) causing flooding and tornados. Our fist activation of the year was requested by Rowlett, TX. A tornado ripped through the town causing C&D debris to be scattered in its path. Over 70,000 cubic yards of debris was collected and disposed after this event. CrowderGulf was also tasked to remove and dispose of 140 white goods and 49 e-waste debris. It took 37 days to complete the project under the City's management. CrowderGulf also worked with the monitoring firm True North during this project. The total cost of this project was \$680,036.

Ice Storms – Late January, Virginia was the target for a winter storm (FEMA-4262-DR-VA). Approximately 16,000 cubic yards of vegetative, C&D and stump debris was collected, transported and disposed from the ROW in Essex County, VA due to this winter storm. The project was completed in 20 days and involved CrowderGulf working with the County, Virginia Peninsulas Public Service Authority (VPPSA) and the monitoring firm Rostan Solutions (aka Arcadis). The total cost of this project was \$138,739.

Louisiana Storms – Louisiana received their share of severe storms and flooding (FEMA-4263-DR-LA) in March. CrowderGulf was activated by St. John the Baptist Parish and Ouachita Parish. St. John the Baptist Parish relied on volunteers and its citizens to help in the recovery. The Parish requested that CrowderGulf only provide portable showers and restrooms for the volunteers and citizens.

Ouachita Parish, LA activated CrowderGulf at the end of March. After 53 days, CrowderGulf had removed and disposed of over 32,000 cubic yards of debris, 18 white goods, 105 Tires and 370 pieces of e-waste. In some areas, water had to recede before hauling could begin. The project total cost was \$397,774.



Second Round of Storms in Texas – In March, Texas received another round of storms, tornados and flooding (FEMA-4266-DR-TX). CrowderGulf was activated by Montgomery County, Newton County and Waller County.

Montgomery County tasked CrowderGulf with removing and disposing of vegetative debris and C&D debris. Just over 19,000 cubic yards of debris was removed in 21 days. Along with working with the County, CrowderGulf also teamed with the monitoring firm Tetra Tech. The total cost of the project was \$288,408.

Newton County activated CrowderGulf near the beginning of April. Newton County was experiencing flooding and CrowderGulf was tasked with the removal and disposal of over 37,000 cubic yards of C&D debris. There were also 418 pieces of white goods removed and disposed of during the project. CrowderGulf has worked with their monitoring firm, Thompson consulting on the project. The total cost for this project was \$349,990.

Waller County was also affected by the storms with flooding and straight lined winds. CrowderGulf was activated to remove a small amount of vegetative and C&D debris. Just over 1,000 cubic yards of debris was removed and disposed of in 7 days. Along with working with the County, CrowderGulf also teamed with the monitoring firm Tetra Tech. The total cost of the project was \$19,674.

Third Round of Storms in Texas – In April another round of severe storms and flooding hit Texas (FEMA-4269-DR-TX). CrowderGulf was once again activated in Montgomery and Waller Counties. CrowderGulf worked in these counties with the same tasks as with the previous storm.

Montgomery County accumulated an additional 39,079 cubic yards of debris on this round of storms that was managed by CrowderGulf. The total cost for this project was \$520,549.

Waller County accumulated an additional 1,183 cubic yards of debris on this round of storms that was managed by CrowderGulf. The total cost for this project was \$18,402.

CrowderGulf was also activated in Brazoria County, TX. To date, CrowderGulf has removed approximately 19,202 cubic yards of C&D debris. The debris is being hauled to a final disposal facility and is being monitored by Tetra Tech. The cost of the project so far is estimated at \$301,984.

Along with the other Texas Counties, the contract for debris removal services has also been activated by the Texas General Land Office for the cleanup efforts on 20 miles of Brazoria County's beaches. CrowderGulf worked closely with their monitoring firm, Tetra Tech, on this project with over 6,000 cubic yards of vegetative debris being removed and disposed. The total cost of this project was \$397,252.

In August, Louisiana experienced storms that caused severe flooding. CrowderGulf was awarded a contract for debris removal in Central, LA in East Baton Rouge Parish. Among the debris hauled were C&D and HHW. CrowderGulf worked closely with the City's debris monitor, Debris Tech who is using their ADMS system. The final project total was: \$5,486,871 and our team removed and disposed of 324,951 cubic yards.



2015 Floods & Storms

Ice Storms - Early in 2015 the City of Raleigh activated the Pre-Event Contract and called on CrowderGulf to support debris removal operations within the City. The operation consisted of debris pickup from rights-of-way. CrowderGulf removed approximately 30,000 cubic yards of debris during the week long project.

Texas Flooding - In June of 2015, CrowderGulf was activated by Blanco County for debris removal operations after severe storms came through the County. Vegetative and C&D debris was collected and hauled directly to a landfill.

South Carolina Flooding - In early October 2015, a cold front with widespread heavy rain moved southeast across the Carolinas and interacted with Hurricane Joaquin to produce record breaking rains throughout the region. Rainfall across parts of South Carolina reached 500-year event levels, with areas within Richland County, SC experiencing 1-in-1,000 year levels. The record breaking rainfall overwhelmed the Midlands causing severe flooding, power outages, dam breaches, road washouts and bridge collapses.

On October 7, 2015, the South Carolina Department of Transportation (SCDOT), activated the CrowderGulf Pre-event Contract for *Disaster Recovery Assistance following a Declared Disaster*, to remove and dispose of flood debris from State maintained roads within Richland and Lexington County, SC. Soon thereafter, both Richland and Lexington County executed Memorandums of Understanding (MOU) with the SCDOT to enable CrowderGulf to also remove and dispose of flood generated debris from County maintained roads. CrowderGulf immediately mobilized forces and began debris removal operations simultaneously in both Counties. Over the next few weeks, CrowderGulf hauled the flood related debris, inclusive of demolished house debris, damaged furniture and possessions, electronic waste, appliances, white goods (washers, dryers, refrigerators, etc.) and household hazardous waste (HHW) to the local landfills. Overall CrowderGulf removed and disposed of over 33,000 cubic yards of debris, 20,000 pounds of HHW, 300 White Goods and 400 Electronic Goods. The majority of the above operations were completed within the first 30 days of the FEMA incident period to aid the State and Counties in applying for 85% reimbursement from the Federal Emergency Management Agency (FEMA).

Texas Tornadoes - In November of 2015, the City of Friendswood, TX experienced damages from a tornado that devastated several neighborhoods. CrowderGulf responded quickly to remove and dispose of the 8,700 cubic yards of debris.

2015 Storms Projects and Tasks								
15 Total Clients	Number of Clients in 2015 Storms Utilizing Task							
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	White Goods/ E-waste	HHW	Wet Debris	Sand/ Beach Work	Special Projects
\$2,727,109	9	1	12	1	1	5	1	8



2014 Storms

Severe Flooding Event for the States of Alabama and Florida - Following 18-22 inches of rainfall in the States of Alabama and Florida coupled with tornados across the State of Alabama in April, CrowderGulf was activated by **eight** Alabama Contracts (Baldwin, Blount, DeKalb and Limestone Counties, and the Cities of Orange Beach, and Perdido Beach as well as the Alabama Department of Conservation and Natural Resources and Alabama Department of Transportation) and **two** Florida Contracts (Escambia and Walton Counties). The debris services included emergency debris removal and reduction of over **280,000** cubic yards of debris. It also involved managing citizen drop sites, removing over **600** leaning trees and hanging limbs from over **1000** trees, removing over 150 hazardous stumps, clearing storm debris from beaches, providing pumping stations for flooded areas, and removing drift debris from rivers. **The total event** utilized 10 subcontractors, 54 trucks including certified trailers (all averaging around 54 cubic yards capacity). Twelve tree crews and several more crews doing specialized tasks were used and all managed by CrowderGulf.



Ice Storms Pax and Ulysses - These February, 2014 ice storms produced primarily tree damage. CrowderGulf had **three** pre-event contracts activated as a result of these storms.

In both Berkeley County, SC, and Dorchester County, SC, CrowderGulf performed ROW debris removal, reduction, and final disposal of vegetative debris. CrowderGulf was also tasked with the removal of leaning trees and hanging limbs in both South Carolina counties. Hanging limbs were removed from over **30,000** trees from both counties and over **277,000** cubic yards of vegetative debris removed. All work in both counties was completed in a little over two months.

The third contract activated was Greensboro, NC, for debris removal. Work was completed in Greensboro in approximately **45** days and **13,510** tons of debris removed.

During these three projects, CrowderGulf managed 26 tree crews from 18 subcontractors to complete the work. Over 123 trucks were certified and hauled debris, including certified trailers (averaging approximately 67 cubic yards capacity).

2014 Storms Projects and Tasks										
Contract Amt	Number of Clients in 2014 Storms Utilizing Task									
	ROW Hauling	Debris Reduction	Debris Disposal	Burn	Grind	L&H	Stump Work	Wet Debris	Sand/Beach Work	Special Projects
\$9,866,559	9	5	10	1	3	5	3	2	1	1



2012 Tropical Storms Beryl and Debby; Hurricanes Isaac and Sandy

Tropical Storms Beryl and Debby - Following two early season tropical storms, CrowderGulf was activated for debris removal in Nassau County, FL; Polk County, FL; and the Town of Fort Myers Beach, FL. The work consisted of hauling and reducing vegetative debris and cleaning and restoring beaches.

Hurricane Isaac - CrowderGulf had **nine** contracts activated across **three** states. Our work ranged from providing emergency "Push" operations in Key West, FL, sand removal and sand screening for the Town of Dauphin Island, AL, to debris removal and reduction, providing generators and removal of hazardous leaners and hangers.



Hurricane Sandy – This late season storm at the end of October affected the entire Eastern Seaboard from Florida to the New England states. By far, the greatest damage was inflicted on the New York and New Jersey coasts.

As part of the "Superstorm Sandy" cleanup, the State of New Jersey Department of Environmental Protection (NJDEP) awarded three waterway contracts in January, 2013. CrowderGulf was awarded the central coast of New Jersey where **the worst damage occurred**. In this area, the ocean surged over the densely populated chain of barrier islands and into Barnegat Bay causing massive destruction to the homes in its path. As a result, debris, sand, and multiple homes were washed into the Bay. Some homes were left almost intact while others were torn apart and strewn across the Bay waters.

CrowderGulf was tasked with removing all storm related debris from the Bay and all tributaries in the central region of New Jersey, including wetlands and salt marshes. Submerged debris required using side scan sonar to locate and document the submerged storm debris. CrowderGulf conducted side scan sonar, evaluated the results, and then directed crews to remove the identified debris. **Over 100,000 cubic yards of submerged and floating debris were removed.**

Crews completed the removal of eligible floating and submerged debris in approximately eight months. Part of this operation was the management of the aggregate site for the vessels and vehicles removed from the waterways, which included **6 vehicles and 117 vessels**. The total project value for this contract with the NJDEP was **over \$57,000,000**.

The Sandy waterway project in New Jersey presented several unique situations such as the requirement that no waterway debris could touch the ground. The debris had to be off-loaded directly into a debris hauling truck and taken to the final disposal site. CrowderGulf had to secure several off-loads sites and each site had to be approved by the NJDEP. Both public and private sites were identified and all necessary documentation secured before any site was used.

Besides removing eligible submerged debris, four large homes that were pushed into Barnegat Bay had to be demolished and removed. This was a slow and careful process conducted on the water using long-reach track hoes with grapples on barges to take the houses apart and load the debris onto debris barges. The house debris was taken to the off-load site and loaded into the hauling trucks for disposal.



The tremendous amount of debris that was deposited in the wetlands and salt marshes presented another unique situation. CrowderGulf was tasked with removing the eligible debris while ensuring minimal disturbance to these areas. CrowderGulf used specialized low ground pressure amphibious equipment to minimize further damage to the sensitive areas. In addition, all work was scheduled to accommodate the endangered/protected species in the region. Another unique aspect of this contract was the removal of over 300,000 cubic yards of displaced sediment that Sandy washed into Barnegat Bay. The operation involved mechanical dredging, hydrographic surveying, staging the dredged sediment for drying, screening the sediment, replacing beach quality sand on the ocean side, and hauling the remainder of the sediment and debris to a certified disposal site.

As a result, over **320,000** cubic yards of displaced sediment were dredged from the Bay areas and over 100,000 cubic yards of sediment were screened and returned to beach quality sand. The documentation for this part of the Sandy project required a combination of measures be implemented to document the dredged sediment. Pre- and post-hydrographic surveys were used in measuring the dredging that was done. The dirty and screened sediment, and resulting debris, were measured by truck loads and documented using cubic yards and truck load tickets.

CrowderGulf is the most experienced contractor in waterway disaster debris removal. During this project, several of our documentation methods and procedures were adopted and used as a model for the other two companies working under this contract.

Other projects, as a result of Hurricane Sandy, included activation by two coastal towns, one in Florida and the other in North Carolina. In November, 2012, CrowderGulf hauled and removed vegetative and C&D debris for Kitty Hawk, NC, and provided sand removal operations for roadways in Ft. Lauderdale, FL. These contracts resulted in the removal of over **274,725** cubic yards of debris at a cost of **\$3,016,226**.

Overall, during the 2012 season of two tropical storms and two hurricanes, CrowderGulf managed 15 subcontractors, which included 274 trucks, 3 tree crews, and multiple boat crews, side scan sonar crews, dredging and hydrographic surveying crews.

2012 Tropical Storm Beryl & Debby; Hurricanes Isaac & Sandy Projects and Tasks												
15 Total Clients	Number of Clients in Tropical Storms Beryl & Debby; Hurricanes Isaac & Sandy Utilizing Task											
Contract Amt	Push	ROW Hauling	Debris Reduction	Debris Disposal	Grind	Vessel/ Vehicle Removal	L&H	Wet Debris	Side Scan Sonar	Sand/ Beach Work	Special Projects	Generators
\$60,769,355	1	7	3	8	3	2	1	1	1	8	6	1

2011 Hurricane Irene

Following Hurricane Irene in 2011, CrowderGulf was activated for debris removal, reduction and disposal contracts by **20 municipalities in North Carolina and four municipalities in Virginia**. We were also awarded **six contracts with the North Carolina Department of Transportation (NCDOT) to remove debris from DOT roads in 13 counties**. During these activations we developed, managed and restored **13 temporary DMSs** and removed over **1.5 million cubic yards of debris**, for a total cost of **\$14,754,641**.



The work in North Carolina and Virginia primarily involved **ROW debris removal, reduction and disposal of both C&D and vegetative debris**. These contracts ranged from work that required no more than two trucks and one day of work, to sixty trucks and over three months' work. Some towns had less than **5,000** cubic yards of debris removed while others had over **100,000** cubic yards. Regardless of the amount of debris, size or location, CrowderGulf provided immediate and effective debris removal to all clients. During Hurricane Irene recovery, CrowderGulf worked with **four different monitoring firms** while managing **527 trucks from approximately 50 subcontractors**.

2011 Hurricane Irene Projects and Tasks											
25 Total Clients	Number of Clients in Hurricane Irene Utilizing Task										
Contract Amt.	Tonnage	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	Burn ACI	Grind	HHW	L&H	Monitoring Co	Special Projects
\$14,384,727	3	20	16	20	5	9	6	1	2	11	5

Throughout the Hurricane Irene work, CrowderGulf was also working along the Alabama Gulf Coast on the BP Deepwater Horizon oil spill cleanup.

2010 BP Deepwater Horizon Oil Spill

On April 20, 2010, the BP Deepwater Horizon oil spill occurred, eventually leaking an estimated **4.9 million** barrels of oil into the Gulf of Mexico. From the beginning, CrowderGulf played a role in the cleanup, responding first to the needs of our pre-event clients. Throughout this project, the CrowderGulf management team and crews worked hand in hand with local, state, federal agencies and municipalities as well as with BP management and BP Safety, Quality Assurance and Quality Control personnel to safely and efficiently complete the project.



In all efforts, CrowderGulf complied with all laws, rules and regulations designed to protect the environment and wildlife habitats. In every aspect of the project, CrowderGulf remained sensitive to public concerns and requests. After September, 2010, CrowderGulf was primarily involved in on-shore cleanup using hand crews and power screening. This operation included simultaneously managing five field offices in two counties. At the height of the response, work at these five sites involved the employment of over **1,200 people** and approximately **700 pieces of equipment** to clean Alabama beaches. In approximately five months, CrowderGulf screened the entire Alabama coast from the toe of the dunes to ten feet above the rack line. This required the coordination of **over 160 pieces of heavy equipment**, including **40 one-ton off-road trucks and JD-330 size excavators** with operators. Approximately **7 billion pounds** of sand was screened and over **3 million pounds of hydrocarbon material** was recovered from the beaches in both counties.

CrowderGulf also provided services to several pre-event contract clients along the Gulf Coast that were directly affected by the Deep Horizon oil spill.



Other types of operations we conducted in response to the Oil Spill include:

Work Performed	Location	Purpose of Work
Berm Construction	Dauphin Island, AL	Prevent oil from reaching beach areas
Lagoon Pass Dredging to close opening to Gulf	Gulf Shores, AL	To protect lagoon from oil contamination
Back Bay Skimming	Orange Beach, AL	Provided boats and skimmers to patrol back bay waters in an effort to remove oil sheen
Boom Placement	Baldwin County	Prevent oil from coming ashore and protection of wetlands
Anchor Retrieval	Alabama Gulf Coast Ways	Locate by side scan sonar and retrieve boom anchors abandoned by other contractors
Gabion Basket Removal	Dauphin Island/Fort Morgan	Removed from Surf Line

2008 Hurricane Ike

After Hurricane Ike in 2008, CrowderGulf managed **36 contracts** and removed, reduced and disposed of approximately **17 million cubic yards of debris**. During these activations, we developed, **managed and restored 27 temporary DMSs**. The total cost for these contracts was approximately **\$180,000,000**. This operation included Right-of-Way (ROW) and Right-of-Entry (ROE) debris removal, reduction and disposal, demolition, leaning trees and hanging limbs removal and disposal, stump removal and disposal, removal and proper disposal of white goods, e-goods, tires, hazardous household materials and abandoned vehicles and vessels, marine debris removal and disposal, and beach cleaning and sand screening. Hurricane Ike did the most damage in Texas and, as a result, CrowderGulf had pre-event contracts activated in **five counties and 23 cities in that state**. Two days before Hurricane Ike made landfall, CrowderGulf's management team was on-site in Texas and communicating with the counties and cities in preparation to begin immediate response and recovery efforts for debris removal. Immediately after the storm, CrowderGulf's management team and subcontractors were in place to begin the cleanup in affected areas of Texas. Throughout the recovery process, the same CrowderGulf senior management personnel were directly involved with the cleanup operation and worked closely with county, state and federal officials and their representatives to ensure that all debris was FEMA eligible and reimbursable. CrowderGulf communicated daily with all appropriate officials and assisted in decision-making to successfully complete the project. CrowderGulf **simultaneously completed three contracts for the Texas General Land Office (GLO)** for beach cleaning which included sand screening, side scan sonar of gulf and bay waters, removal and disposal of sunken debris, and removal and disposal of abandoned and sunken vessels in waterways under the responsibility of the GLO.



2008 Hurricane Ike Projects and Tasks											
36 Total Clients	Number of Clients in Hurricane Ike Utilizing Task										
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	ROE	Haz Mat	HHW	L&H	Marine Debris	Special Projects	Vacuum Truck	Generators
\$176,411,377	28	21	22	5	1	12	7	7	5	2	4



2005 Hurricanes Katrina, Rita and Wilma

Following these storms, CrowderGulf had **56 contracts** activated **across five states**, and completed all of them successfully by removing, reducing and disposing of over **18 million cubic yards** of debris. We developed, managed and restored **35 temporary DMSs** during these activations. The total cost for these contracts was approximately **\$267,000,000**. This operation included ROW and ROE debris removal, reduction and disposal, demolition, leaning trees and hanging limbs removal and disposal, stump removal and disposal, removal of marine debris, removal and proper disposal of white goods, e-goods, tires, hazardous household materials, abandoned vehicles and vessels, sand screening and beach restoration.

2005 Hurricanes Katrina, Rita & Wilma Projects and Tasks														
56 Total Clients		Number of Clients in Hurricanes Katrina, Rita & Wilma Utilizing Task												
Contract Amt.	PUSH	ROW Hauling	Debris Reduction	Debris Disposal	ROE	Stump Work	L&H	White Goods/E-Goods	Demo	Side Scan Sonar	Sand Screening	Marine Debris	Vac Trucks	Generators
\$265,772,848	13	27	21	27	6	8	4	2	3	4	4	9	1	5

2004 Hurricanes Charley, Frances, Ivan, Jeanne

In 2004, as a result of the four hurricanes within a six week span, CrowderGulf had **36 pre-event contracts** activated. 23 of these were in Florida, 12 in Alabama, and one in Mississippi. All of these projects were in operation simultaneously during the period from October, 2004 through December, 2004, and some continued through June, 2005. During these activations we developed, managed and restored **61 temporary DMSs and removed over 16 million cubic yards of debris during this timeframe for a total cost of \$292,426,233.**

CrowderGulf was activated by both large and small municipalities and provided quality service to all of them. CrowderGulf had nine field offices in operation during these projects. All field offices were operated by local citizens who were provided on-the-job-training and were managed by CrowderGulf's on-site senior management.

As with all of CrowderGulf's projects, from the beginning to the end of the work, CrowderGulf's Management Teams remained the same for each contract, and met with County officials daily to provide the leadership and guidance that allowed all of the damaged areas to be cleaned up in an organized manner. As a result, correct decisions were made in order to get the eligible hurricane debris removed and to restore the Cities/Counties to normal, as quickly as possible. In addition, CrowderGulf helped City and County officials ensure FEMA reimbursement for all eligible work.

2004 Hurricanes Charley, Frances, Ivan & Jeanne Projects and Tasks											
36 Total Clients		Number of Clients in Hurricanes Charley, Frances, Ivan & Jeanne Utilizing Task									
Contract Amt	PUSH	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	L&H	White Goods/E-Goods	Beach Work	Wet Debris	Generators	Special Projects
\$276,149,129	8	28	23	27	16	6	4	4	2	1	2



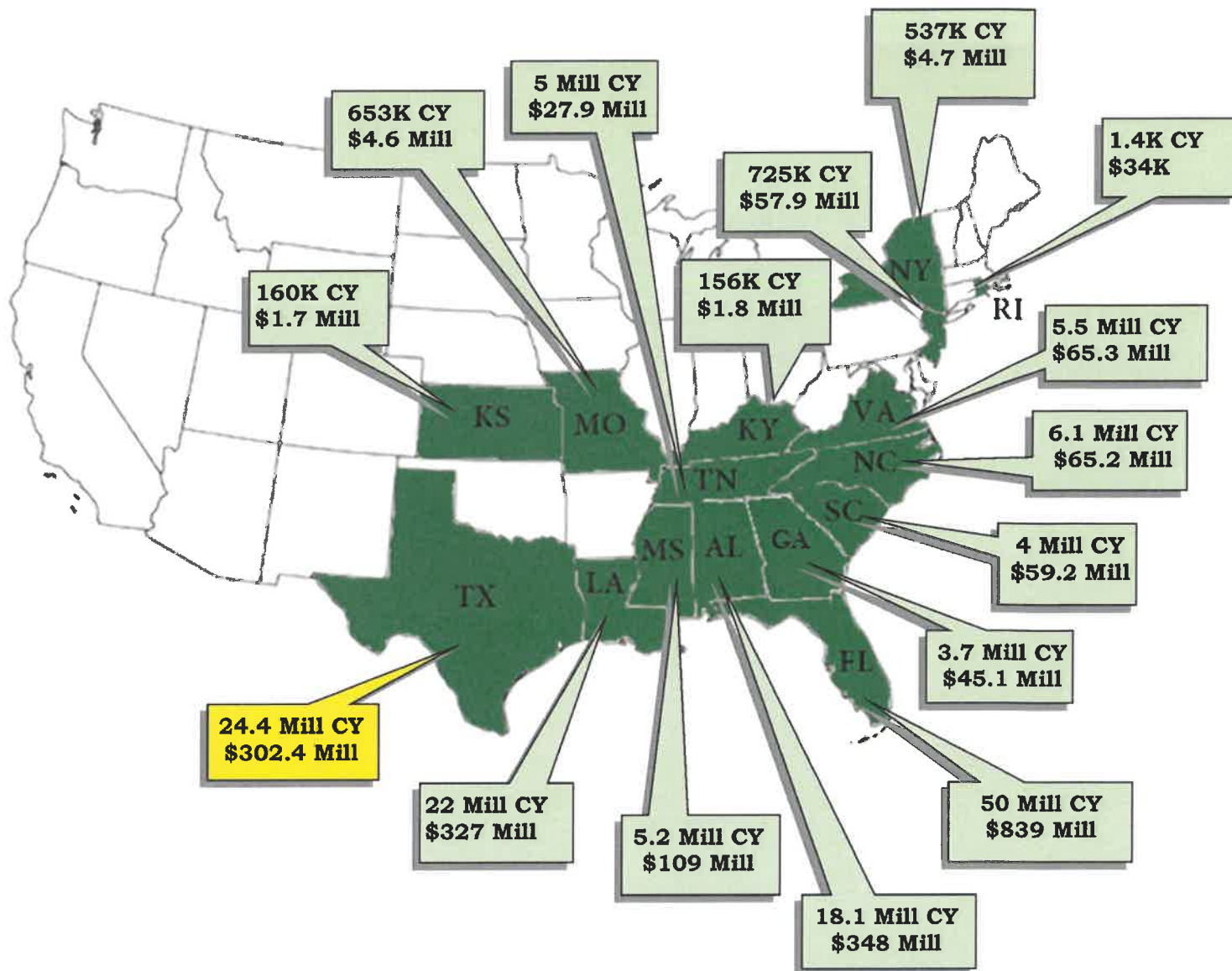
2003 Hurricane Isabel

On September 17, 2003, the day before Hurricane Isabel made landfall, CrowderGulf was issued a NTP by the Virginia Peninsulas Public Service Authority (VPPSA) for the Cities of Newport News and Poquoson, and the Counties of James City and York. On the same day, the Southeastern Public Service Authority (SPSA) issued CrowderGulf a NTP for the Cities of Norfolk, Suffolk, Virginia Beach and Isle of Wight and Southampton Counties. CrowderGulf subsequently mobilized **1,063 trucks, 155 loaders, eleven tub grinders, nine air curtain incinerators, and numerous pieces of support equipment. Manpower mobilization exceeded 1,450 people.** CrowderGulf was also activated by **seven additional municipalities** after Hurricane Isabel. In Dare County, CrowderGulf mobilized manpower and equipment by ferry and barge. During these activations we developed, managed and restored **19 temporary DMSs and removed over 5 million cubic yards of debris, for a total cost of \$66,344,733.**

2003 Hurricane Isabel Projects and Tasks									
16 Total Clients	Number of Clients in Hurricane Isabel Utilizing Task								
Contract Amt	ROW Hauling	Debris Reduction	Debris Disposal	Stump Work	Burn ACI	Grind	L&H	Wet Debris	Beach Work
\$66,344,733	16	15	16	11	5	12	3	1	1

The work in North Carolina and Virginia primarily involved ROW debris removal, reduction and disposal of C&D and vegetative debris, right-of-entry debris removal, tree removal, demolition of structures, sand screening, rebuilding and replanting sand dunes and white goods removal and disposal.

CrowderGulf's Historical Workload & Experience across the U.S.



Past Performance Chart

The chart below contains a partial listing of contracted work accomplished by CrowderGulf as Prime Contractor (unless otherwise stated) for the past 5 years. If CrowderGulf was activated to pre-position for emergency road clearing operations, the word "Push" is listed under the Description of Work. An actual response time can be different for each client depending on their issuance of a NTP and the terms of their contract. Please feel free to contact any of our past clients for references regarding our past performance. A complete past performance list can be made available dating back to Hurricane Frederick in 1979 if requested.

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2022 Winter Storms				
SC DOT Winter Storm Izzy 1/17/2022-1/18/2022	Push Operations	\$55,297	T&M	David Cook, SCDOT Maintenance Deputy Director, 955 Park St, Room 324, Columbia, SC 29201, 803-737-1268, cookdb@scdot.org
SC DOT Winter Storm Jasper 1/22/2022	Push Operations	\$45,840	T&M	David Cook, SCDOT Maintenance Deputy Director, 955 Park St, Room 324, Columbia, SC 29201, 803-737-1268, cookdb@scdot.org
2022 Misc.				
Calcasieu Parish District 1 Ward 6, LA 3/1/2022-3/15/2022	Debris removal from Community Center and Playground	\$34,375	LS	Peggy Robertson, P.O. Box 1583, DeQuincy, LA 70633, 337-802-5199, gammpeg@aol.com
Lee County, FL -- Tornado	Removed & Disposed: C&D Direct Haul Monitored by Thompson	\$86,985	9,665	Roger Desjarlais, County manager, P.O. Box 398, Ft Myers, FL 33902, 239-533-2221, rdesjarlais@leegov.com
Mexico Beach, FL	Dredging Phase II Monitored by Eisman Russo	\$524,049	T&M	Tommy Davis, Public Works Manager 850-527-3087 201 Paradise Path Mexico Beach, FL 32410 t.davis@mexicobeachgov.com Tanya Castro, City Administrator, 201 Paradise Path, Mexico Beach, FL 32410 t.castro@mexicobeachgov.com
2021 KY Tornado	2-Activations -- 4 DMS's	\$3,841,472 Total Event Cost	214,381 Total Event CY	
Bowling Green, KY 12/18/2021-2/16/2022	Removed & Disposed: Veg, C&D, hangers (194 trees), leaners (189), stumps (11); Reduced by grinding (118,343 CY) & compaction (54,232 CY), (2) DMS Sites; Monitored by Tetra Tech	\$3,022,273	166,835	Matt Powell, Environmental Manager City of Bowling Green, KY 1011 College Street, Bowling Green, KY 42102, 270-393-3071; Matt.Powell@bgky.org
Warren Co, KY 12/18/2021-2/15/2022	Removed & Disposed: Veg, C&D, hangers (98 trees), leaners (55), stumps (4); Reduced by grinding (38,194 CY) & compaction (9,352 CY), (2) DMS Sites; Monitored by Tetra Tech	\$819,199	47,546	Josh Moore, Public Works Director, 1141 State Street, Bowling Green, KY 42101 270-779-6808 josh.moore@ky.gov
2021 Hurricane Nicholas	7-Activations -- 7 DMS's	\$1,991,995 Total Event Cost	177,421 Total Event CY	
Angleton, TX 9/23/21-10/15/21	Removed & Disposed: Veg, Reduced by Grinding (1) DMS; Monitored by Tetra Tech	\$252,769	34,158	Jeff Sifford, Public Works Director, 901 South Velasco, Angleton, TX 77515, 979-849-4364, jsifford@angleton.tx.us

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Brazoria County, TX 9/28/21- 10/28/21	Removed & Disposed: Veg, Reduced by Grinding (83,177 CY) (1) DMS Site; Monitored by Rostan / Haul Pass	\$809,512	58,198	Mr. Steve Rosa , Emergency Management Coordinator (979) 864-1801 111 E Locust St., Suite 102, Brazoria, TX 77515; steverosa@brazoria-county.com
Brazoria, TX 10/4/21- 10/23/21	Removed & Disposed: Veg, Reduced by Grinding (1) DMS; Monitored by Tetra Tech	\$123,970	9,183	Mike Collard , City Manager, 201 S Main Street, Brazoria, TX 77422, 979-798-2018; citymanager@cityofbrazoria.org
Clute, TX 9/27/21- 10/18/21	Removed & Disposed: Veg, Reduced by Grinding (1) DMS; Self Monitored – Day Rate per truck	\$119,000	Day Rate	CJ Snipes , City Manager, 108 E Main St., Clute, TX 77531; 979-265-2541; cjsnipes@clutetexas.gov
Holiday Lakes, TX 10/20/2021-10/22/2021	Removed & Disposed: Veg; Reduced by Grinding (1) DMS; Self Monitored – Day Rate per truck	\$10,200	Day Rate	Norman Schroeder , Mayor, 195 N Texas Ave. Holiday Lakes, TX 77515, Cindy@holidaylaketexas.com
Lake Jackson, TX 9/23/21- 10/16/21	Removed & Disposed: Veg, C&D (Direct) Reduced by Grinding (1) DMS; Monitored by Thompson	\$601,744	75,882	Sabrina England , Director Public Works, 25 Oak Dr., Lake Jackson, TX 77566; 979-415-2430; sengland@lakejacksontx.gov
West Columbia, TX 9/27/21- 10/16/21	Reduced & Disposed: ROW Veg hauling to grind site (Waste Water Treatment Plant facility); Monitored by Witt Obrien's	\$74,800	Day Rate	Debbie Sutherland , City Manager, 512 E Brazos Ave., West Columbia, TX 77486; 979-345-3123; citymanager@westcolumbiatx.org
2021 Hurricane Ida	4-Activations- 4 DMS's – DR 4626-MS, DR-4611-LA	\$32,249,013 + Total Event Cost	1,230,445 + Total Event CY	
Audubon Nature Institute, LA 9/6/2021-10/25/2021	Removed & Disposed: Push, Veg, hangers (2,576 trees), leaners (381); Monitored by Tetra Tech	\$1,354,632	19,409	Daniel Illg , Arboricultural Supervisor, 6500 Magazine Street New Orleans, LA 70118 Ofc: 504-212-5232 cell: 985-960-8873, dillg@auduboninstitute.org Cecilie Halliwill , Director of Purchasing, Ofc: 504-212-5325 cell: 985-774-7549 challiwill@auduboninstitute.org
Biloxi, MS 9/27/2021-10/13/2021	Removed & Disposed: Veg direct; Self Monitored – Day Rate per truck	\$95,200	Day Rate	Mr. Billy Ray Allen , Public Works Director 780 Esters Blvd. Biloxi, MS 39530 228-435-6271 ballen@biloxi.ms.us / Mayor Andrew "FoFo" Gilich , 140 Lameuse Street 2nd Floor, Biloxi MS 39530 mayor@biloxi.ms.us
Gulfport, MS 10/11/2021-11/6/2021	Removed & Disposed: Veg & C&D Direct to FDS Monitored by Tetra Tech	\$439,481	29,201	Wayne E. Miller , Director of Public Works & Engineering, 4050 Hewes Ave., Gulfport, MS 39507 228-868-5740 / Jessica Versiga , Procurement 1410 24th Ave., Gulfport, MS 39501, 228-868-5705 ext. 6457 ; jversiga@gulfport-ms.gov
St. John Baptist Parish, LA 9/6/2021-Ongoing	Removed & Disposed: PUSH, Veg, C&D, Parks debris, Hangers (2,198 trees), Leaners (28), stumps (2,800), E-waste (18,087), HHW (255,580 Lbs.), White Goods (2,618), Freon, Refrigerator Contents (661,460 Lbs.); Reduced by Compaction (798,384 CY) & Grinding (373,621 CY) (3) DMS Sites; Monitored By: Tetra Tech	\$29,199,263+	1,164,347+	Ms. Jaclyn Hotard , Parish President, 1811 W Airline Hwy, LaPlace, LA 70068; 985-652-9569 ext. 1244; jhotard@stjohn-la.gov
St. John Baptist Parish, LA Laterals 3/5/2022-Ongoing	Removed & Disposed: Water debris, grinding (4,897 CY)	\$1,160,437+	17,488+	Ms. Jaclyn Hotard , Parish President, 1811 W Airline Hwy, LaPlace, LA 70068; 985-652-9569 ext. 1244; jhotard@stjohn-la.gov



CrowderGulf
RFP 22-024 for Debris Management Services
City of League City, TX

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2021 Flooding & Severe Storms	2-Activations- 6 DMS's - DR-4606-LA	\$907,894 Total Event Cost	42,079 Total Event CY	
Calcasieu Parish, LA 06/07/21-8/4/2021	Removed & Disposed: Veg, C&D, E-waste (30), White Goods (42), Freon, Refrigerator Contents (25,320 Lbs.); Reduced by Compaction (5,156 CY) & Grinding (244 CY), (3) DMS Sites, Monitored by Tetra Tech	\$222,312	5,401	Allen Wainwright, Director of Engineering and Public Works 1015 Python Street, 4th Floor Lake Charles, LA 70602 337-721-3700 awainwright@calcasieuparish.gov
Lake Charles, LA 06/08/2021-8/25/2021	Removed & Disposed: C&D, White Goods (96), Freon, Refrigerator Contents (2,940 Lbs.); Reduced by Compaction (36,678 CY), (3) DMS Sites; Monitored by Tetra Tech	\$685,582	36,678	John Cardone, Jr. City Administrator 326 Pujos Street, 10th Floor Lake Charles, LA 70601 Ofc: 337-491-1381 Cell: 337-794-1513 mavorsactionline@cityoflc.us
2021 Misc.				
AL DOT – Dauphin Island Bridge Repair 5/11/2021-7/19/2021	Repair to Bridge Fender System	\$383,447	T&M	Evan Davis, P.E. Bridge Operations Engineer Mobile Area, AL DOT Office 251-470-8247 Cell: 251-635-3021
Calcasieu Parish, LA – Tornado 11/30/2021-12/4/2021	Removed & Disposed: C&D debris direct to final disposal; Self Monitored	\$28,960	1,679	Allen Wainwright, Director of Engineering and Public Works 1015 Python Street, 4th Floor Lake Charles, LA 70602 337-721-3700 awainwright@calcasieuparish.gov
Friendswood, TX Winter Storm 3/1/2021-3/11/2021	Removed & Disposed: C&D direct, e-waste (14); Monitored by Tetra Tech	\$35,235	1,671	Brian Mansfield, Fire Marshall & EM Coordinator 1600 Whitaker Dr, Friendswood, TX 77546, 281-996-3332, bmansfield@ci.friendswood.tx.us
Hillsborough Co, FL 4/2021-11/5/2021	Grinding Project	\$65,123		Robert Williams, PO box 8181, Hillsborough, NC 27278, 919-968-2885
New Jersey 9/22/2021-9/25/2021	Lambertville / Swan Creek Debris Removal	\$180,900	668	Suzanne Biggins, Department of Environmental Protection, PO Box 402, Trenton, NJ 08625-0402, 609-292-2885, Suzanne.Biggins@dep.nj.gov
Newport News, VA 6/2021-7/2021	Tree Removal & Disposal	\$17,486	LS	Amy K. Gray, Acting Administrator, Division of Solid Waste, Department of Public Works, City of Newport News, 513 Oyster Point Road, Newport News, VA 23602, Direct: 757-269-2853, grayak@nnva.gov
Naples, FL 1/12/2021-1/13/2021	Fish Kill Clean up: Mobilization & Demobilization, Hourly Time & Materials	\$16,982	Hrly	Jim Hodgdon, Parks & Parkways Superintendent, 280 Riverside Circle, Naples, FL 34102, 239-213-7134, jhodgdon@naplesgov.com
St Petersburg, FL 5/11/2021-7/19/2021	Red Tide Debris Removal	\$169,980	Hrly	Fredrick B. Ross, Director, 1635 3rd Ave. N, Saint Petersburg, FL 33713, 727-551-3186
The Nature Conservancy 6/25/2021-Ongoing	Pensacola , FL East Bay Oyster Habitat Restoration,	\$3,513,420	Hrly	Heather Hyde, 2500 Maitland Center Pkwy, Maitland, FL 32751, Heather.Hyde@jacobs.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2020 Hurricane Zeta	8-Activations – 6 DMS's – DR-4576 (MS), DR-4577 (LA)	\$28,333,915 Total Event Cost	1,810,046 Total Event CY	
Audubon Nature Institute, LA 10/31/2020-12/15/2020	Removed & Disposed: Veg, C&D, hangers (486 trees), leaners (288); Monitored by Tetra Tech	\$593,154	9,668	Daniel Illg , Arboricultural Supervisor, 6500 Magazine Street New Orleans, LA 70118 Ofc: 504-212-5232 cell: 985-960-8873, dillg@auduboninstitute.org Cecile Halliwill , Director of Purchasing, Ofc: 504-212-5325 cell: 985-774-7549 halliwill@auduboninstitute.org
Biloxi, MS 11/5/2020-1/20/2021	Removed & Disposed: Veg, C&D; Reduced by Grinding, (1) DMS Site; Monitored by True North	\$3,939,197	272,608	Mr. Billy Ray Allen , Public Works Director 780 Esters Blvd. Biloxi, MS 39530 228-435-6271 ballen@biloxi.ms.us Mayor Andrew "FoFo" Gilich , 140 Lameuse Street 2nd Floor, Biloxi MS 39530 mayor@biloxi.ms.us
D'Iberville, MS 11/12/2020-1/11/2021	Removed & Disposed: Veg, C&D, Leaners (37), Hangers (370 trees); Self-Monitored	\$568,457	35,035	Mike Mullins , Director of Public Works 10383 Auto mall Parkway D'Iberville, MS 39540 Ofc: 228-669-5539 Cell: 228-669-5539 mmullins@diberville.ms.us
Gulfport, MS 11/10/2020-2/23/2021	Removed & Disposed: Veg, C&D, Leaners (485), Hangers (12,297 trees), Stumps (9); Reduced by Grinding (371,750 CY), (2) DMS Sites; Monitored by Tetra Tech	\$6,365,585	483,413	Robert (Chris) K. Riemann , Engineering Director 4050 Hewes Avenue Gulfport, MS 39507 Ofc: 228-868-5740 Cell: 228-518-2980 kriemann@gulfport-ms.gov
Harrison Co, MS 11/06/2020-2/3/2021	Removed & Disposed: Veg, C&D, Leaners (966), Hangers (36,055 trees); Reduced by Grinding (409,681 CY), (2) DMS Sites; Monitored by Volkert	\$9,225,138	538,791	Rupert H. Lacy , Director of Emergency Management 1801 23rd Avenue Gulfport, MS 39502 Ofc: 228-865-4002 Cell: 228-323-6420 rupertlacy@co.harrison.ms.us
Jackson Co, MS 11/09/2020-02/7/2021	Removed & Disposed: Veg, C&D, Leaners (488), Hangers (14,079 trees), Parks, Golf Courses, beach debris; Monitored by Thompson	\$7,148,349	436,284	W. Brian Fulton , County Administrator 2915 Cauty Street Pascagoula, MS 39567 228-769-3088 Brian_Fulton@co.jackson.ms.us
Pascagoula, MS 11/20/2020-12/18/2020	Removed & Disposed: Veg; Leaners (1 tree) & Hangers (658 trees); Monitored by Thompson	\$286,302	20,888	Karen Kennedy , City Clerk 603 Watts Avenue Pascagoula, MS 39567 Ofc: 228-938-6615 cityclerk@cityofpascagoula.com
Wiggins, MS 01/21/2021-02/1/2021	Removed and disposed Veg, C&D Direct; Reduction by Grinding, (1) DMS Site; Self-Monitored / Tice Engineering	\$207,733	13,359	Michelle Gill , Project Engineer (Tice Engineering), 510 South Vardaman Street Wiggins, MS 39577 Office: 601-928-4121 Cell: 601-528-4152 michelle.gill@ticeeng.com
2020 Hurricane Sally	10-Activations – 37 DMS's – FEMA DR-4563-AL / DR-4564-FL	\$116,422,750 Total Event Cost	7,318,024 Total Event CY	
AL DOT SW Region – Mobile 09/24/2020 – 01/22/2021	Removed & Disposed: Veg, C&D, Compacted C&D, Mulch, hangers (9,111 trees), leaners (3,320 trees), stumps (92); Reduced by Grinding (564,550 CY) & Compaction (59,952 CY); (16 DMS); Monitored by Thompson	\$14,264,670	709,431	Matthew Ericksen , SW Region Engineer 1701 West I-65 Service Road North Mobile, AL 36618 Ofc: 251-470-8200 ericksenm@dot.state.al.us
Atmore, AL 10/1/2020-11/01/2020	Removed & Disposed: Veg, hangers (1,082 trees), leaners (28 trees); Reduced by Grinding (43,759 CY), (1 DMS); Monitored by GMC	\$673,070	12,291	Mayor Jim Staff , 201 East Louisville Ave. Atmore, AL 36502 Ofc: 251-368-2253 celial@cityofatmore.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Baldwin Co, AL 09/25/2020 – 04/7/2021	Removed & Disposed: Veg, C&D, Compacted C&D, Mulch, hangers (39,799 trees), leaners (6,030 trees), Stumps (120), White Goods (181), E-waste (24); Reduced by Grinding (4,217,587 CY) & C&D Compaction (293,171 CY); (13 DMS); Monitored by Tetra Tech	\$61,896,884	4,509,547	Terri Graham , Solid Waste Development & Environmental Director, 22070 Hwy 59 Central Annex II 3 rd & 4 th Floor Robertsdale, AL 36567 251-972-6878 TGraham@baldwincounty.al.gov
Bay Minette, AL 09/25/2020 – 11/03/2020	Removed & Disposed: Veg, C&D, Veg, hangers (1,204 trees), leaners (48 trees); Reduced by Grinding (137,801 CY), (1 DMS); Monitored by Self Monitored	\$1,516,900	141,809	Rita Diedtrick , City Clerk, 301 D'Olive Street Bay Minette, AL 36507 Ofc: 251-580-1637 rdiedtrich@ci.bay-minette.al.us
Daphne, AL 09/17/2020-01/05/2021	Removed & Disposed: PUSH , Veg, hangers (3,868 trees), leaners (191 trees), Stumps (9); Reduced by Grinding (375,017 CY), (1 DMS); Monitored by True North	\$4,570,398	376,872	Denise Penry , EMA Accountant, 26435 Public Works Road Daphne, AL 36526 Ofc: 251-621-3182 dpenry@daphneal.com
Fairhope, AL 09/21/2020-12/19/2020	Removed & Disposed: Veg, C&D, Mulch, hangers (7,058 trees), leaners (374 trees), stumps (55); Reduced by Grinding (547,868 CY), (1 DMS); Monitored by True North	\$8,703,289	564,853	John Saraceno , Emergency Management Coordinator, 161 N. Section Street Fairhope, AL 36532 Ofc: 251-929-7415 Cell: 251-331-1103 John.Saraceno@fairhopeal.gov
Gulf Shores, AL 09/17/2020-02/3/2021	Removed & Disposed: PUSH , Veg, C&D, Parks debris, Trails debris, waterway debris, Mulch, Compacted C&D, HHW (11,580 Lbs.), E-Waste (114), White Goods (232), Hangers (7,162 trees), Leaners (2,938 trees), Stumps (285); Reduced by Grinding (457,915 CY) & Compacting (40,763 CY), (1 DMS); Monitored by Thompson	\$9,741,393	454,356	Mark Acreman , PW Director, 1905 West 1 st Street Gulf Shores, AL 36542 251-968-1155 macreman@gulfshoresal.gov
Okaloosa Co, FL 09/25/2020-11/2/2020	Removed & Disposed: Veg, C&D, mulch; Reduced by Grinding (22,945 CY); Monitored by Tetra Tech	\$338,470	30,576	Jim Reece , Solid Waste Recycling Coordinator, 84 Ready Ave. Fort Walton Beach, FL 32548 Ofc: 850-651-7394 Cell: 850-978-1063 jreece@myokaloosa.com
Orange Beach, AL 09/20/2020-5/21/2021	Removed & Disposed: PUSH , Veg, C&D, Municipal debris, beach debris, trail debris, waterway debris, wetlands debris, C&D compacted, mulch, HHW (151,100 lbs.), E-Waste (383), white goods (1,624), hangers (4,527 trees), leaners (725 trees), Stumps (342); Reduced by Grinding (228,509 CY) & Compacting (194,239 CY); Monitored by Thompson	\$13,593,239	424,952	Mr. Phillip West , Coastal Resource Director, 4101 Orange Beach Blvd Orange Beach, AL 36561 Ofc: 251-981-6788 Cell: 251-747-6166 pwest@orangebeachal.gov
Spanish Fort, AL 09/28/2020-11/16/2020	Removed & Disposed: PUSH , Veg, C&D, Hangers (118 trees), leaners (14 trees); Monitored by Thompson	\$1,124,436	93,337	Mary Lynn Williams , City Clerk, 7361 Spanish Fort Blvd. Spanish Fort, AL 36527 Ofc: 251-626-4884 civclerk@cityofspanishfort.com



CrowderGulf
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OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2020 Hurricane Laura	10-Activations – 27 DMS's – FEMA DR-4559-LA / EM-3540-TX	\$314,148,591 + Total Event Cost	13,796,973 + Total Event CY	
Alexandria, LA 8/31/2020-11/4/2020	Removed & Disposed: Veg, C&D, Parks and Zoo debris, mulch, hangers (2,975 trees), leaners (98 trees), stumps (1); Reduced by Grinding (222,758 CY); 1 Site Monitored by Tetra Tech	\$3,643,508	228,755	Darren Green , Debris Manager 625 Murray Street Alexandria, LA 71301 Ofc: 318-441-6060 Cell: 318-446-2342 darren.green@cityofalex.com
Calcasieu Parish, LA Laterals 10,8/2021-On-going	Removed & Disposed: Waterway debris from Laterals / Waterways	\$69,482,676+	985,371+	Allen Wainwright , Director of Engineering and Public Works 1015 Python Street, 4 th Floor Lake Charles, LA 70602 337-721-3700 awainwright@calcasieuparish.gov
Calcasieu Parish, LA 9/3/2020-9/2/2021	Removed & Disposed: PUSH , Veg, C&D, C&D compacted, mulch, hangers (33,714 trees), leaners (76,007 trees), white goods (4,403), e-waste (2,910), refrigerator contents (314,960 lbs.), tires (1,215) Reduced by Grinding (5,004,006 CY) & compacting (2,573,846 CY); 9 DMS Sites; Monitored by Tetra Tech	\$132,649,076	6,972,815	Allen Wainwright , Director of Engineering and Public Works 1015 Python Street, 4 th Floor Lake Charles, LA 70602 337-721-3700 awainwright@calcasieuparish.gov
DeQuincy, LA 9/14/2020-4/19/2021	Removed & Disposed: Veg, C&D, mulch, hangers (284 trees), leaners (28 trees), stumps (3), white goods (180), refrigerator contents (12,160 lbs.), e-waste (158) Reduced by Grinding (107,800 CY), burning & compacting (31,106 CY); 2 Sites Monitored by Tetra Tech	\$2,672,412	156,444	Riley Smith , Mayor 300 N Holly Street DeQuincy, LA 70633 SmithRiley@ymail.com
Iowa, LA 9/7/2020-3/13/2021	Removed & Disposed: Veg, C&D, hangers (486 trees), leaners (15 trees) white goods (52), E-waste(110); Reduced by Grinding (49,558 CY) & compacting (25,354 CY); 1 Site; Monitored by Tetra Tech	\$1,401,231	74,913	Paul Hess , Mayor, 115 N. Thompson Ave Iowa, LA 70647 mayor@iowala.org
Lake Charles, LA 9/3/2020-9/9/2021	Removed & Disposed: PUSH , Veg, C&D, Compacted C&D, Mulch, hangers (19,295 trees), leaners (1,985 trees), white goods (1,574) stumps (3), HHW (4,943 lbs.) Reduced by Grinding (2,254,057 CY) & compacting (2,006,484 CY); 5 Sites; Monitored by Tetra Tech	\$80,383,800	4,077,816	John Cardone, Jr. City Administrator 326 Pujo Street, 10 th Floor Lake Charles, LA 70601 Ofc: 337-491-1381 Cell: 337-794-1513 mayorsactionline@cityoflc.us
Sulphur, LA 9/2/2020-6/21/2021	Removed & Disposed: PUSH , Veg, C&D, Compacted C&D, Mulch, Hangers (3,326 trees), leaners (194) stumps (7), white goods (508), HHW (23,580 lbs.) Reduced by Grinding (503,298 CY) & compacting (338,926 CY); 1 Site; Monitored by Tetra Tech	\$15,332,859	838,424	Stacy Dowden , Director of Public Works 101 N. Huntington Street Sulphur, LA 70663 Ofc: 337-527-4500 Cell: 337-764-8044 sdowden@sulphur.org

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Texas GLO 3/8/2021-3/19/2021	Hurricane Laura & Beta Beach debris removal LS	\$189,106	LS	Greg Pollock , Deputy Commissioner, 1700 N. Congress Ave, Austin, TX 78711, 512-463-5329, greg.pollock@glo.texas.gov
Vinton, LA 9/1/2020-1/21/2021	Removed & Disposed: PUSH , Veg, C&D, Compacted C&D, Mulch, hangers (248 trees), leaners (2 trees), white goods (229), e-waste (56); Reduced by Grinding (103,203 CY) & compacting (41,546 CY); 2 Sites Monitored by Tetra Tech	\$2,591,105	144,750	Mayor Kenneth Stinson , 1200 Horridge Street Vinton, LA 70668 Ofc: 337-496-3806 mayor@cityofvinton.com
West Calcasieu Port, LA 3/16/2021-3/25/2021	Removed & Disposed: Veg, C&D direct, hangers (86 trees), leaners (41)	\$87,117	2,384	Lynn Hohensee , Port Director, 514 West Napoleon St, Sulphur, LA 70663, 337-794-4809
Westlake, LA 9/3/2020-3/13/2021	Removed & Disposed: PUSH , Veg, C&D, Compacted C&D, Mulch, Hangers (313 trees), leaners (401 trees), white goods (93), e-waste (35), HHW (6,480 lbs.); Reduced by Grinding (206,656 CY) & compacting (108,644 CY); 1 Site; Monitored by Tetra Tech	\$5,715,701	315,301	Mayor Robert Hardey , 101 Mulberry Street Westlake, LA 70669 Ofc: 337-532-2757 mayor@cityofwestlake.com
2020 Demo Project	1 Activation	\$424,343 Total Event Cost	Total Event CY	
Friendswood, TX 11/14/2020-8/3/2021	Demo: 6 Houses Veg, C&D, Concrete, Hydromulch, Curb Construction, Abatement, electrical, Plumbing, Septic	\$424,343	LS	Brian Mansfield , Fire Marshall & EM Coordinator 1600 Whitaker Dr, Friendswood, TX 77546, 281-996-3332, bmansfield@ci.friendswood.tx.us
2020 Hurricane Hanna	2 Activations – EM -3530-TX	\$1,015,284 Total Event Cost	12,043 Total Event CY	
GLO, TX 9/2/2020-9/24/2020	Removed & Disposed: C&D, Pipe line(48), Parking lot (11,533 CY) & Beach Debris (510 CY) to 1-Final Disposal Site Monitored by Thompson	\$826,234	12,043	Texas General Land Office: Rene Garcia , Emergency Operations 1700 N Congress Ave. Austin, TX 78701 361-960-9863 Rene.Garcia@GLO.TEXAS.GOV Sheila Kirk, CTCD Sheila.Kirk@GLO.Texas.GOV ;
Nueces County, TX Through 8/26/2020	Damage Assessment Lump Sum	\$189,050	LS	Kathy Ard-Blattner Nueces County Deputy Emergency Management Coordinator 901 Leopard St., Suite 303 Corpus Christi, TX 78401 Office-361-888-0876 Cell-361-533-4024 Kathy.ard-blattner@nuecesco.com
2020 Tropical Storm Cristobal	2 Activations- EM-3527-LA	\$1,961,292 Total Event Cost	55,827 Total Event CY	
Harrison County, MS 6/15/2020-7/22/2020	Removed & Disposed: Veg Beach Debris, to (1) Final Disposal Site Monitored by Volkert	\$1,406,216	55,827	Daniel Boudreaux , County Engineer, 15309 C Community Rd, Gulfport, MS 39503
Dauphin Island, AL Through 6/5/2020	Removed & Disposed: Push Sand T&M	\$555,075	LS	Mayor Collier , Town of Dauphin Island, 1011 Bienville Blvd., Dauphin Island, AL 36528

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
2020 Tornado	2 Activations – 2 DMS's – FEMA DR-4541-TN	\$12,292,233 Total Event Cost	896,815 Total Event CY	
Chattanooga, TN 4/26/2020-06/22/2020	Removed & disposed: vegetation, C&D, mulch, C&D compaction, Parks debris, hangers (60 trees), leaners (41 trees), Stumps (4); Reduced by Grinding (235,714 CY), by C&D compaction (86,491 CY) DMS sites (1); Monitored by Tetra Tech ADMS	\$6,687,929	322,205	Maura Sullivan , Chief Operating Officer 101 E. 11 th Street Chattanooga, TN 37402 Ph.: 423-643-7230 purchasing@chattanooga.gov
Metro Government Nashville & Davidson County, TN 3/6/2020-5/8/2020	Removed & Disposed: vegetation, C&D, mulch, C&D compacted, Parks debris, stumps (73); Reduced by Grinding (215,722 CY), by C&D compaction (107,750 CY) DMS sites (4); Monitored by Tetra Tech ADMS	\$5,604,304	268,380	Phillip Jones , PW Operations Manager 750 South 5 th Street Nashville, TN 37206 Ph.: 615-533-2377 phillip.jones@nashville.gov
2019 Tornado - TX	1 Activation – 1 DMS			
Richardson, TX 10/25/2019-12/6/2019	Removed & Disposed: vegetation; c&d; mulch; Reduced by Grinding (43,519 CY); Monitored by Rostan	\$670,890	59,443	Travis Switzer , Assistant Director Public Services 1260 Columbia Dr. Richardson, TX 75081 Ofc. (972) 744-4402, Cell. (972) 744-5814, travis.switzer@cor.gov
2019 Tropical Storm Imelda	1 Activation – 1 DMS FEMA DR-4466-TX			
Montgomery Co, TX 10/1/2019-11/8/2019	Removed & Disposed: C&D Direct; E-waste (840); White Goods (178); Monitored by Atkins Global	\$401,065	24,727	Darren Hess , Director of EM 9472 Airport Rd Conroe, TX 77303, 936-523-3901 Darren.hess@mctx.org
2019 Special Project - TX	1 Activation – 1 DMS			
Dickinson, TX 01/2019-02/2019	Removed & disposed: Waterway Debris Removal from Dickinson Bayou resulting from Hurricane Harvey	\$2,900,321	27,872	Stephanie Russell , Assistant City Administrator 4000 Liggio, Dickinson, TX 77539 281-337-8839 srussell@ci.dickinson.tx.us
2019 Misc. – FL		\$155,717 Total Event Cost		
Ft Myers Beach, FL 4/15/2019-5/8/2019	Red Algae Removal	\$136,817	Hrly	Chelsea O'Riley , Public Works Manager, 2525 Estero Blvd, Ft Myers Beach, FL 33931, 239-765-0202 ext. 1700, chelsea@fmbgov.com
Okaloosa Co, FL 4/18/2019	Debris & Underbrush Removal	\$18,900	Hrly	Jim Reece , CHMM, Recycling Coordinator, 84 Ready Ave, NW, Ft Walton Beach, FL 32548, Tel: 850-651-7394, Fax: 850-651-7397, jreece@myokaloosa.com
2019 Hurricane Dorian	2 Activations – 1 DMS's – FEMA DR-4464-SC	\$430,366 Total Event Cost	31,294 Total Event CY	
Dorchester Co, SC 9/16/2019-10/18/2019	Removed & Disposed: vegetation; mulch; Reduced by Grinding (46,568 CY); Citizen Sites Managed; Monitored by Tetra Tech	\$408,086	31,294	Jason Carrher Public Works Director, 2120 E. Main Street Dorchester, SC 29437 (843) 607-5908 cell (843) 832-0070 work jcarraher@dorchestercountysc.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Hilton Head, SC 9/15/2019	Emergency Push	\$22,280	Hrly	Jennifer Lyle, Asst Town Engineer, One Town Center Ct, Hilton Head Island, SC 29928, work 843-341-4779 cell 843-384-2629, jenniferl@hiltonheadislandsc.gov
2018 Hurricane Michael CAT V (FL)	16 Activations – 40 DMS's – FEMA-DR-4399 FL; FEMA-DR-4400-GA	\$252,281,127 Total Event Cost	12,304,170 Total Event CY	
Apalachicola, FL 10/21/2018-12/18/2018	Removed & Disposed: vegetation; Leaners (5); Hangers (1,267 Trees); White Goods (15); Reduced by Grinding (52,178 CY), DMS Sites (1); Monitored by Tetra Tech	\$1,085,115	59,069	Ronald W. Nalley, City Manager; 1 Avenue E., Apalachicola, FL 32320; amklibrary2017@gmail.com ;
Bay Co, FL 10/17/2018-4/28/2021	Removed & Disposed: (ROW, PPDR, Waterway) vegetation; C&D; Leaners (8,081); Hangers (6,419 Trees); White Goods (725); Reduced by Grinding (1,903,027 CY); C&D Compact (515,511 CY), DMS Sites (8) Projects: Waterway & Canal clearing; Debris removed from eligible parks, cemeteries & schools Monitored by Landfall Strategies; Tetra Tech	\$42,637,726	2,436,953	Keith Bryant, Director of Public Works; 840 W. 11st Street, Panama City, FL 32401; 850-248-8302; kbryant@baycountycl.gov
Bainbridge, GA 4/23/2019-7/29/2019	Removed & Disposed: vegetation; Leaners (659); Hangers (40,931 Trees); Stumps (16); Mulch (13,890 CY); Reduced by Grinding (53,383 CY), DMS Sites (2); Monitored by True North	\$1,407,790	53,576	Chris Hobby, City Manager; 101 South Broad Street, Bainbridge, GA 39817 (229) 248-2005 chrish@bainbridgecity.com
Carrabelle, FL 10/30/2018-12/19/2018	Removed & Disposed: vegetation; Hangers (404 Trees); Reduced by Grinding (18,456 CY); Monitored by Tetra Tech	\$358,306	20,056	Courtney Dempsey, CRA Director; 1001 Gray Avenue, Carrabelle, FL 32322; 850-544-5233; citycbe1@gtcom.net
Dauphin Island, AL 10/10/2018-2/13/2019	Sand Removal	\$271,683	Hrly	Mayor Jeff Collier; 1011 Bienville Blvd.; Dauphin Island, AL 36528 251-861-5525; jcollier@townofdauphinisland.org
Decatur Co, GA 3/22/2019-8/3/2019	Removed & Disposed: (ROW, ROE) Vegetation; C&D; Leaner (1,914); Hangers (18,585 Trees); Stumps (82); Reduced by Grinding (212,988 CY), DMS Site (3); Monitored by True North	\$5,463,141	215,087	Chris Hobby, City Manager, 101 South Broad Street, Bainbridge, GA 39817 (229) 248-2005 chrish@bainbridgecity.com
Dog Island, FL 9/12/2019-9/20/2019	Removed & Disposed: Vegetation / Construction & Demo (425 Tons)	\$864,918	Lump Sum	Pamela Brownell, EM Director; 28 Airport Rd., Apalachicola, FL 32320; 850-653-8977 ext. 100; Cell 850-653-6748; em3frank@fairpoint.net
Florida DEP 2/7/2019-6/6/2019	Removed & Disposed: Vegetation; Reduced Grinding (116,672 CY)	\$17,721,523	158,393	Scott Woolam, Sr Program Analyst, Div of State Lands, 3900 Commonwealth Blvd, Mail Station 100, Tallahassee, FL 32399-3000, 850-245-2806, Scott.Woolam@dep.state.fl.us
Franklin Co, FL 10/16/2018-1/4/2019	Removed & Disposed: vegetation; Leaners (67); Hangers (1,414 Trees); HHW (1,120 Lbs.); White Goods (233); Freon (215); E-Waste (94); Reduced by Grinding (90,244 CY) DMS Site (3); Monitored by Tetra Tech	\$2,215,778	126,087	Pamela Brownell, EM Director; 28 Airport Rd., Apalachicola, FL 32320; 850-653-8977 ext. 100; Cell 850-653-6748; em3frank@fairpoint.net

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Jackson Co, FL 10/12/2018-9/20/2019	Emergency Push / Removed & Disposed: vegetation; C&D; mulch; Hangers (21,388 Trees); Leaners (13,431); Stumps (7); Reduced by Grinding (2,399,088 CY) DMS Site (6); Monitored by Metrics / Thompson	\$40,141,024	2,459,442	Wilanne Daniels , County Administrator 2819 Panhandle Rd., Operations Complex, Marianna, FL 32446 Ofc: 850-693-6657 danielsw@jacksoncountycl.gov Rodney Andreasen , Director of Emergency Management; 850-718-0007; Cell 850-573-1058; randreasen@jacksoncountycl.gov
Lynn Haven, FL 10/10/2018-06/27/2020	Emergency Push / Removed & Disposed: vegetation; Leaners (434); Hangers (1,588 Trees); Stumps (22); white goods (5); Reduced by Grinding (558,533 CY) & C&D Compaction (186,548 CY), DMS Site (3); Debris removed from eligible parks, cemeteries & schools; Monitored by Tetra Tech; Provided Sat. Phones	\$13,845,285	719,604	Michael White , City Manager; 825 Ohio Ave., Lynn Haven, FL 32444; 865-265-2121, Cell 850-814-8740; citymanager@cityofflynhaven.com
Mexico Beach, FL 2/25/2019-10/10/2019	Dredge, Sand Sift and Replacement	\$12,527,617	47,828	Tommy Davis , Public Works Manager 850-527-3087 201 Paradise Path Mexico Beach, FL 32410 t.davis@mexicobeachgov.com Tanya Castro , City Administrator, 201 Paradise Path, Mexico Beach, FL 32410 tcaastro@mexicobeachgov.com
Panama City Beach, FL 1/14/2019-1/24/2019	Reduction by Grinding (54,233 CY), DMS Site(1), Haul out	\$443,085		Janine Thomas , PW Senior Administrative Support Specialist, 116 S. Arnold Road Panama City Beach, FL 32413 850-233-5100 jthomas@pcb.gov
Panama City, FL 10/11/2018-5/31/2020	Emergency Push Removed & Disposed: vegetation; C&D; Leaners (20,185); Hangers (32,489 Trees); Stumps (6,968); Reduced by Grinding (2,304,854 CY) & Compacted C&D (1,646,666 CY) DMS Site (7); Debris removed from eligible parks, cemeteries & schools Monitored by Landfall Strategies	\$81,562,445	3,971,295	Shane Daugherty , Solid Waste Superintendent 819 E. 11 th Street, Panama City, FL 32401; Office 850-872-3172, Cell: 850-814-5396 sdaugherty@panamacity.gov Neil Fravel , Director of Public Works; 819 E. 11 th Street, Panama City, FL 32401; 850-872-3015; nfravel@panamacity.gov
Parker, FL 10/23/2018-5/3/2019	Emergency Push Removed & Disposed: vegetation; C&D; Leaners (344); Hangers (846 Trees); Stumps (21); Reduced by Grinding (389,576 CY) C&D Compaction (159,188 CY), DMS Site (1); Monitored by Tetra Tech	\$7,865,326	535,114	Ashley Rizzo Human Resources, Benefits & Safety Administrator, 850-871-4104, aarizzo@cityvolparker.com ; 1001 West Park Street, Parker, FL 32404 850-960-1908, Cell 850-528-9032; narowell@cityvolparker.com
Washington Co, FL 10/18/2018-5/31/2019	Removed & Disposed: vegetation; Leaners (10,301); Hangers (35,683 Trees) Stumps (108); Reduced by Grinding (1,445,814 CY) DMS Site (3); Monitored by Witt O'Briens	\$23,870,365	1,501,666	Ms. Lynne Abel , EM Public Safety Director; 2300 Pioneer Road, Chipley, FL 32428; 850-638-6203; label@washingtonfl.com
2018 Hurricane Florence CAT 1 (NC & SC)	18 Activations – 16 DMS's – FEMA-DR-4393-NC SC FEMA-DR-4394-	\$29,884,238 Total Event Cost	1,862,022 Total Event CY	
Bolivia, NC 10/2/2018-1/15/2019	Removed & Disposed: vegetation; Leaners (10); Hangers (36 Trees); Reduced by Grinding (749 CY) ; Monitored by Landfall Strategies	\$15,489	1,064	Dustin Graham , Director of Public Works; 700 Sunset Blvd., Sunset Beach, N 28468; 910-579-6297 ext. 1048, Cell 910-443-1144; dgraham@sunsetbeachnc.gov Jane Marshston , Mayor; 910-471-2024

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Bald Head Island, NC 10/10/2018-2/20/2019	Removed & Disposed: vegetation; Leaners (275); Hangers (3,148 Trees); White Goods (225); HHW (1,440 Lbs.); Reduced by Grinding (24,599 CY) C&D Compaction (7,858 CY); Monitored by Landfall Strategies	\$1,383,281	34,059	Chris Clemmons , Director of Public Works; 110 Rothschild Street, Holden Beach, NC 28463; 910-842-6488; pworke@hbtownhall.com Chris McCall – Village Manager, 910-457-9700; emccall@villagebhi.org
Brunswick Co, NC 9/26/2018-1/24/2019	Removed & Disposed: vegetation; Leaners (2,196); Hangers (19,333 Trees); Reduce by Grinding (323,631 CY); Monitored by Landfall Strategies	\$6,106,287	385,556	Wyatt Richardson , Operation Services Director of Parks & Recreation; 102 Town Hall Drive, Leland, NC 28451; 910-332-4651, Cell 910-470-7347; wrichardson@townofleland.com / Micki Bozeman , Solid Waste Coordinator, micki.bozeman@brunswickcountync.gov
Calabash, NC 12/10/2018-12/20/2018	Grinding	\$17,941		Charles “Chuck” Nance, Jr. Town Administrator 882 Persimmon Road Calabash, NC 28467 Ph: 910-579-6747 Cell: 910-742-1342 tacalabash@atmc.net
Caswell Beach, NC 10/5/2018-1/22/2019	Removed & Disposed: vegetation; Leaners (3); Hangers (182 Trees); Reduced by Grinding (8,721 CY); Monitored by Landfall Strategies	\$154,906	10,520	Mayor Jane Marston ; PO Box 93, Bolivia, NC 28422; 910-471-2024; townhall.bolivia@atmc.net ;
Duplin Co, NC 10/1/2018-12/11/2018	Removed & Disposed: vegetation; White Goods (1,186); HHW (6,200 Lbs.); Reduced by Grinding (92,323 CY) C&D Compaction (97,708 CY); Monitored by Tetra Tech	\$2,682,013	190,032	Chris Vernon , Emergency Management Director; 209 Seminary St. Kenansville, NC 28349; 910-296-2160 x224, Cell 910-271-2772; chris.vernon@duplincountync.com
Fayetteville, NC 9/26/2018-11/30/2018	Removed & Disposed: vegetation; Reduced by Grinding (126,511 CY) ; Monitored by Tetra Tech	\$1,991,073	120,741	Jackie Tuckey , Public Information Officer 910-433-1854 jtuckey@ci.fav.nc.us Scott L. Bullard , Emergency Manager of Fire/EM; 433 Hay St., Fayetteville, NC 28301; 910-433-1789, Cell 910-551-4208; sbullard@ci.fav.nc.us
Holly Ridge, NC 10/5/2018-1/9/2019	Removed & Disposed: vegetation; mulch; Hangers (135 Trees); Reduced by Grinding (8,972 CY); Monitored by Tetra Tech	\$156,380	11,575	Carin Z. Faulkner , MPA Town Manager 910-329-7081 ext. 223
Jacksonville, NC 9/7/2018-2/6/2019	Removed & Disposed: vegetation; Leaners (39,190); Hangers (2,823 Trees); Reduced by Grinding (273,804 CY); Monitored by Thompson	\$5,210,972	269,224	Wally Hansen , Public Services Director – Engineering & Construction; PO Box 128. Jacksonville, NC 28451; 910-938-5260; whansen@ci.jacksonville.nc.us ; Dr. Richard L. Woodruff , City Manager; 910-938-5220; citymanager@ci.jacksonville.nc.us
Leland, NC 9/29/2018-12/21/2018	Removed & Disposed: vegetation; Leaners (143); Hangers (872 Trees); Reduced by Grinding (113,667 CY); Monitored by Landfall Strategies	\$1,527,901	113,668	Wyatt Richardson , Operations Services Director; 102 Town Hall Drive, Leland, NC 28451 Ofc: 910-332-4651 Cell: 910-470-7347 wrichardson@townofleland.com
Navassa, NC 10/23/2018-11/28/2018	Removed & Disposed: vegetation; C&D; Monitored by Landfall Strategies	\$184,995	15,811	Mayor Eulis Willis ; 334 Main St., Navassa, NC 28451; 910-371-2432; mayor@townofnavassa.org
Northwest, NC 10/16/2018-11/17/2018	Removed & Disposed: vegetation; C&D; Leaners (15); Hangers (81 Trees); Monitored by Landfall Strategies	\$29,944	1,879	Mayor James Knox - 910-515-9677 - cityofnorthwest@cityofnorthwest.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
North Topsail Beach, NC 9/18/2018-12/19/2018	Removed & Disposed: C&D; Reduction by C&D Compaction (40,177 CY); Sand screening (37,170 CY); Monitored by Tetra Tech	\$1,282,198	40,178	Thomas Best , Public Works Director; 3315 Gray St., North Topsail Beach, NC 28460; 910-328-9297, Cell 910-376-0453; tbest@ntbnc.org
Oak Island, NC 10/9/2018-1/23/2019	Removed & Disposed: vegetation; Leaners (154); Hangers (2,752 Trees); Reduced by Grinding (55,965 CY); Monitored by Landfall Strategies	\$1,764,065	129,837	David Kelley , Town Manager; dkelly@ci.oak-island.nc.us
Onslow Co, NC 9/30/2018-1/12/2019	Removed & Disposed: vegetation; Leaners (78); Hangers (9,313 Trees); Reduced by Grinding (408,348 CY); Monitored by Tetra Tech	\$6,349,470	477,354	Norman Bryson , Emergency Services Director; 1180 Commons Drive North, Jacksonville, NC 28546; 910-347-4270, Cell 910-340-5033; Norman.Bryson@onslowcountync.gov
Richlands, NC 10/5/2018-1/5/2019	Removed & Disposed: vegetation; Hangers (182 Trees); Reduced by Grinding (7,599 CY); Monitored by Tetra Tech	\$138,476	9,114	Gregg Whitehead , Town Administrator 302 S. Wilmington Street Richlands, NC 28574 910-324-3301 administrator@richlandsnc.gov
Sandy Creek NC 10/15/2018-11/12/2018	Removed & Disposed: vegetation; Reduced by Grinding (1,188 CY); Monitored by Landfall Strategies	\$14,987	1,189	Genn Marshall , Mayor; 910-655-6028 or 240-256-0810
SCDOT 9/4/2018-11/28/2018	Removed & Disposed: vegetation; Monitored by Thompson	\$117,975	4,867	Tom Johnson , SCDOT Manager / Emergency Operation; 803-354-2288; johnstona@scdot.org
Shallote, NC 10/5/2018-1/16/2019	Removed & Disposed: vegetation; Leaners (46); Hangers (563 Trees); Reduced by Grinding (10,169 CY); Monitored by Landfall Strategies	\$151,948	10,169	Mimi Gaither , Town Administrator; 910-619-7452
Swansboro, NC 9/7/2018-11/7/2018	Removed & Disposed: vegetation; Leaners (8); Hangers (87 Trees); Reduced by Grinding (30,816 CY); Monitored by Thompson	\$535,676	30,816	Scott Chase , Town Manager; 601 W. Corbett Avenue, Swansboro, NC 28584; 910-326-4428 x 175, Cell 910-712-4500; schase@ci.swansboro.nc.us
Varnamtown, NC 10/11/2018-1/15/2019	Removed & Disposed: vegetation; Leaners (9); Hangers (283 Trees); Reduced by Grinding (4,368 CY); Monitored by Landfall Strategies	\$68,261	4,369	Judy Galloway , Mayor; 910-842-6697; jljg@atmc.net
2018 Project Other Projects	4 Contracts	\$793,126		
Dauphin Island, AL	Tropical Storm Gordon – Sand Removal	\$14,000	Hourly	Mayor Jeff Collier ; 1011 Bienville Blvd.; Dauphin Island, AL 36528 251-861-5525; jcollier@townofdauphinisland.org
Eastern Shipbuilding Group	Dredging	\$741,332	Hourly	Greg Bourdreaux , Project Manager 2200 Nelson Street Panama City, FL 32402 850-763-1900 xt. 3328 Cell: 850-819-9093, gbourdreaux@easternshipbuilding.com
Orange Beach, AL	Miscellaneous Sand Projects	\$2,200	Hourly	Phillip West , Coastal Resource Manager; 4101 Orange Beach Blvd., Orange Beach, AL 36561; 251-981-6788, Cell 251-747-6166; pwest@orangebeachal.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
TNC – The Nature Conservancy	Constructed Living Shoreline; Channel Dredging; Spoils Removal and Helen Woods Park Oyster Castle Pallets; Debris removed from eligible parks	\$28,800	Hourly	Mary Kate Brown, Coast Projects Manager, 118 N. Royal St. Suite 500 Mobile, AL 36602 251-433-1150 Cell: 251-550-3728, mkbrown@tnc.org
2018 Red Tide / Fish Kill Cleanup	6 Contracts Activated for Event	\$2,341,980 Total Event Cost		
Barrier Islands Park, Boca Grande, FL 8/8/2018-8/14/2018	Remove debris from beach	\$7,051	Hourly	Sharon McKenzie, Exec. Dir., Barrier Islands Parks Society, PO Box 637, Boca Grande, FL 33921, 941-964-0060, smckenziebips@gmail.com
Collier Co, FL 8/27/2018-9/4/2018	Remove debris from Canal & Bay	\$47,444	Hourly	Gary McAlpin, Gary.McAlpin@colliercountyfl.gov
Ft Myers Beach, FL 7/31/2018-8/12/2018	Remove debris from Beach / Canal & Bay	\$262,767	Hourly	Chelsea O'Riley, chelsea@fimb.gov
Lee Co, FL 8/20/2018-9/3/2018	Remove debris from Beach / Canal & Bay	\$374,201	Hourly	Mary Tucker, Dir of Procurement, Lee Co Board of County Commissioners, 1500 Monroe St, 4th Floor, Ft Myers, FL 33901, 239-533-8881, mtucker@leegov.com
Sanibel, FL 7/31/2018-9/6/2018	Remove debris from Beach / Canal & Bay	\$1,556,961	Hourly	Laura Zautcke, Ops Manager, City of Sanibel, 800 Dunlop Rd, Sanibel, FL 33957, 239-472-9615, ext. 368, Laura.Zautcke@mysanibel.com
Sarasota Co, FL 8/28/2018-8/31/2018	Remove debris from Beach	\$93,556	Hourly	Lois Rose, Solid Waste Mgr. 4000 Knights Trail Road Nokomis, FL 34275 Ofc: 941-861-1589 Cell: 941-650-0722 Fax: 941-486-2620 lerose@scgov.net
2017 Hurricane Nate	3 Contracts Activated for Event	\$2,119,616 Total Event Cost	165,947 Total Event CY	
Dauphin Island, AL 10/8/2017-4/3/2018	Clearing Sand from the Roads	\$2,100,704	163,903	Jeff Collier, Mayor, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, jcollier@townofdauphinisland.org Wanda Sandagger, Administrative Assistant, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, wsandagger@townofdauphinisland.org
Dauphin Island Water Authority, AL 12/12/2017-12/15/2017	Sand Push	\$5,702	Hourly	Vaile Feenster, DIWSA@AOL.COM
Mobile, AL 11/16/2017-11/20/2017	Removed & Disposed: C&D,	\$18,911	2,044	Bill Harkins, Public Works Dir, harkinsb@cityofmobile.org
2017 Hurricane Irma	67 Contracts Activated for Event - 117 DMS Managed for Event	\$200,557,279 Total Event Cost	10,107,139 Total Event CY	
Apopka, FL 9/24/2017-01/26/2018	Removed & Disposed: vegetation, hangers (1,194 ea.), stumps (15); Reduction: Burning (149,729 CY) at 1 site Tasks: Storm Sewer Cleaning; Monitored by Landfall Strategies	\$2,108,037	150,295	Josh Robinson, Solid Waste Operations Manager, 748 E. Cleveland St. Apopka, FL 32703, 407-703-1731 fax: 407-703-1748 jrobinson@apopka.net

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Arcadia, FL 10/2/2017-12/11/2017	Removed & Disposed: vegetation, hangers (894 Trees), leaners (107 trees), stumps(13); Reduced: at 1 site by burning (33,868 CY); Monitored by Landfall Strategies	\$498,914	33,868	Beth Carsten , Finance Director 23 North Polk Ave. Arcadia, FL 34266, 863-494-4114 fax: 863-494-4712 ecarsten@arcadia-fl.gov
Aventura, FL 9/16/2017-10/11/2017	Removed & Disposed: vegetation, mulch, hangers (708 Trees); Reduced by Grinding (8,367 CY) at 1 site; Monitored by Volkert	\$379,842	8,367	Joseph Kroll , Public Works Director 19200 W. County Club Drive Aventura, FL 33180 cell: 305-525-1694, Ofc: 305-466-8970 fax: 305-466-3277 jkrill@cityofaventura.com
Bonita Springs, FL 9/23/2017-12/12/2017	Removed & Disposed: ROE, C&D, vegetation, mulch, leaners (357) / hangers (10,148 trees); Reduced: at 1 site by grinding (412,401 CY); Monitored by Thompson - ADMS	\$6,521,630	440,154	Matt Feeney , Public Works Director 9101 Bonita Beach Road, Bonita Springs, FL 34135 Ofc: 239-949-6246 fax: 239-949-6245 matt.feeney@cityofbonitasprings.org
Brevard Co, FL 9/18/2017-11/29/2017	Removed & Disposed: C&D, vegetation, mulch Reduced: at 4 site by grinding Monitored by Tetra Tech - ADMS	\$2,370,625	172,031	“Euri” Euripides Rodriguez , SW Dir, 2725 Judge Fran Jamieson Way, Bldg. A, Ste 118, Viera, FL 32940, 321-633-2042, euripides.rodriguez@brevardcounty.us
Casselberry, FL 9/20/2017-12/4/2017	Removed & Disposed: ROE, C&D, vegetation, mulch, leaners (58) / hangers (26 trees), stumps (21) Reduced: at 3 site by grinding (20,130 CY); Monitored by Thompson - ADMS	\$364,046	20,817	Mr. Charles “Chuck” Smith Public Works Parks and Facilities Supervisor 95 Triplet Lake Drive Casselberry, FL 32707 cell: 321-388-4194 Ofc: 407-262-7725 xt. 1717 csmith@casselberry.org
Charlotte County, FL 11/11/2017-2/10/2018	Removed & Disposed: C&D, vegetation, leaners (238) / hangers (5,070 trees); Monitored by Tetra Tech - ADMS	\$1,032,095	49,540	Richard Allen , SW Operations Manager, 25550 Harbor View Rd, Unit 2, Port Charlotte, FL 33982, 941-764-4393, richard.allen@charlottecountyfl.gov
Chatham Co, GA 9/20/2017-1/9/2018	Removed & Disposed: ROE, C&D, vegetation, mulch; Reduced: at 1 site by grinding (60,495 CY); Monitored by Thompson- ADMS	\$440,701	26,958	Robert Drewry , Director of Public Works 7226 Vamedoe Drive Savannah, GA 31406 Ofc: 912-652-6842 fax: 912-652-6845 rwedwry@chathamcounty.org
Clay Co, FL 9/17/2017-2/4/2018	Removed & Disposed: C&D, vegetation, mulch, leaners / hangers; Reduced: at 6 site by grinding Monitored by Landfall Strategies	\$5,404,940	516,358	John Ward , EM Dir, 2519 SR 16 W, Green Cove Springs, FL 32043, 904-541-2767, John.Ward@claycountygov.com
Cocoa Beach, FL 9/22/2017-10/25/2017	Removed & Disposed: C&D, vegetation, mulch, compacted C&D; Reduced: at 1 site by grinding (15,648 CY); Monitored by Tetra Tech - ADMS	\$207,256	16,838	Rob Strong , Project Manager, Public Works, 1600 Minutemen Causeway, Cocoa Beach, FL 32932, 321-868-3316, rstrong@cityofcocoa-beach.com Willie Velez , Procurement Administrator 95 Triplet Lake Drive Casselberry, FL 32707 Ofc: 407-262-7700 xt. 1137 fax: 407-262-7746 , wvelez@casselberry.org

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Coleman, FL 9/25/2017-10/30/2017	Removed & Disposed: vegetation, mulch, Stumps (6) Reduced: at 1 site by grinding (2,557 CY); Self-Monitored	\$28,464	2,557	Mayor Milton Hill , 3502 E. Warm Springs Avenue Coleman, FL 33521 cell: 352-978-9938 Ofc: 352-748-1017 Fax: 352-748-2291 miltonhill@cityofcolemanfl.com Robin L. Maurer , Assistant Purchasing Director 1117 Eisenhower Drive, Suite C Savannah, GA 31406 Ofc: 912-790-1623 fax: 912-790-1627 rlmaurer@chathamcounty.org
Collier County, FL 5/15/2018-12/18/2018	Removed & Disposed: drainage ditch debris, stumps (1,463), hangers (286 trees), leaners (756); Monitored by Tetra Tech - ADMS	\$15,938,235	49,215	Gino Santa Barbara , Gino.Santabarbara@colliercountyfl.gov
Deltona, FL 9/19/2017-12/18/2017	Removed & Disposed: vegetation, mulch, leaners (99) / hangers (2,734 trees); Reduced: at 1 site by burning (283,772 CY); Monitored by Tetra Tech - ADMS	\$3,257,453	288,403	Matt Doan , PW Dir, 2345 Providence Blvd, Deltona, FL 32725, 386-878-8950, midoan@deltonafl.gov
DeSoto Co, FL 10/2/2017-02/15/2018	Removed & Disposed: ROE, vegetation, mulch, leaners (459) / hangers (1 trees), stumps (146); Reduced: at 3 site by grinding (91,142 CY); Monitored by Landfall Strategies	\$1,479,493	91,100	Tom Moran , Emergency Management Director 2200 NE Roan Street Arcadia, FL 34266 Cell: 863-993-5855, Ofc: 863-993-4831, Fax: 863-993-4840 t.moran@desotoboc.com
Edgewater, FL 9/4/2017-11/2/2017	Removed & Disposed: vegetation Monitored by Witt O'Briens - ADMS	\$409,726	57,937	Ruth Busby , Public Services Director 3502 E. Warm Springs Avenue Coleman, FL 33521 Ofc: 352-748-1017 Fax: 352-748-2291 ruthbusby@cityofcolemanfl.com
Edgewood, FL 9/21/2017-11/9/2017	Removed & Disposed: vegetation, mulch; Reduced: at 1 site by grinding (14,940 CY); Monitored by Landfall Strategies	\$214,703	14,939	Bea L. Meeks , City Clerk, 405 Larue Ave. Edgewood, FL 32809 Cell: 352-267-8839, Ofc: 407-851-2920 Fax: 407-851-7361 bmeeks@edgewood-fl.gov
Estero, FL 2/1/2018-2/4/2018	Removed & Disposed: vegetation Monitored by Rostan	\$30,998	1,596	David Willems , Public Works Director 9401 Corkscrew Palms Circle Estero, FL 33928 239-221-5035 willems@estero-fl.gov
Flagler Beach, FL 9/22/2017-10/21/2017	Removed & Disposed: ROE, vegetation, C&D, mulch Reduced: at 2 site by grinding (9,936 CY); Monitored by Thompson - ADMS	\$320,364	25,535	Cindy Talamantez , Purchasing Director 201 E. Oak Street, Suite 203 Arcadia, FL 34266 Ofc: 863-993-4816 Fax: 863-993-4819 c.talamantez@desotoboc.com
FL DEP - Waterway 09/16/2017-03/31/2018	Waterway Debris Removal; Remove waterway debris with boats to an offload site, load onto trucks for disposal	\$43,636,590	267,008	Scott Woolam , Sr Program Analyst, Div of State Lands, 3900 Commonwealth Blvd, Mail Station 100, Tallahassee, FL 32399-3000, 850-245-2806, Scott.Woolam@dep.state.fl.us

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Flagler Co, FL 9/26/2017-11/5/2017	Removed & Disposed: ROE, vegetation Monitored by Eisman Russo	\$402,926	22,492	Richard Gordon , Asst Co Engineer, 1769 E Moody Blvd, Building 2, Bunnell, FL 32110, 386-313-4006, rgordon@flaglercounty.org Mayor Ray Bagshaw 405 Larue Ave. Edgewood, FL 32809 Cell: 407-230-0355, Ofc: 407-851-2920 rbagshaw@edgewood-fl.gov
Ft Myers, FL 9/21/2017-12/5/2017	Removed & Disposed: ROE, vegetation, mulch, leaners (47) / hangers (3,060 trees); Reduced: at 2 site by grinding (258,992 CY); Monitored by Thompson - ADMS	\$3,757,646	258,992	Mr. Saeed Kazemi , City Manager 2200 Second Street Ft. Myers, FL 33901 Cell: 239-851-1753 Ofc: 239-321-7024 SKazemi@cityofmyers.com
Ft Myers Beach, FL 9/27/2017-11/7/2017	Removed & Disposed: ROE, vegetation, mulch; Reduced: at 1 site by grinding (20,110 CY); Monitored by Thompson - ADMS	\$257,847	20,298	Roger Hernstadt , Town Manager 2523 Estero Blvd. Fort Myers Beach, FL 33931 Ofc: 239-765-0202 Fax: 239-765-0909 Roger@fmbgov.com
Glades Co, FL 10/3/2017-2/26/2018	Removed & Disposed: ROE, vegetation, C&D; Reduced: at 6 site by burning (35,837 CY); Monitored by Thompson - ADMS	\$397,295	42,414	Angela Snow Colegrove , EM Director 500 Ave J. Moore Haven, FL 33471 Cell: 863-673-1837 Ofc: 863-946-6020 Fax: 863-946-1091 asnow@myglades.com
Hardee Co, FL 9/9/2017-1/31/2018	Removed & Disposed: vegetation, C&D, hangers (5,592), leaners (3); Reduced: at 1 site by grinding (65,948 CY); Monitored by Witt O'Briens - ADMS	\$1,067,905	67,343	Jill Newman , EM Director 404 W. Orange St. Wauchula, FL 33873 Cell: 863-832-0324 Ofc: 863-773-6373 Fax: 863-773-9390 jill.newman@hardeecounty.net
Hilton Head, SC	Push Operations	\$25,241	Hrly	Jennifer Lyle , Asst Town Engineer, One Town Center Ct, Hilton Head Island, SC 29928, 843-341-4779, jenniferl@hiltonheadislandsc.gov
Jupiter, FL 9/11/2017-10/24/2017	Push Operations Removed & Disposed: vegetation, C&D; Monitored by Tetra Tech - ADMS	\$370,420	43,668	Mr. Thomas "Tom" Discoll , Director of Engineering & Public Works 210 Military Trail Jupiter, FL 33458 Cell: 561-440-0213 Ofc: 561-741-2215 Fax: 561-741-2515 thomasd@jupiter.fl.us
Kissimmee, FL 9/18/2017-12/16/2017	Removed & Disposed: vegetation, C&D, mulch, e-waste (21); Reduced: at 1 site by grinding (34,090 CY); Monitored by Tetra Tech - ADMS	\$494,146	29,638	Kerri Fiddler , PW Director, 101 Church Street, Suite 301 Kissimmee, FL 34741 Cell: 407-252-7823 Ofc: 407-518-2164 kfiddler@kissimmee.org
Lake Co, FL 9/16/2017-02/28/2018	Removed & Disposed: vegetation, mulch, hangers (3,918 trees), leaners (22); Reduced: at 6 site by grinding (580,684 CY); Monitored by Tetra Tech - ADMS	\$6,114,179	355,512	Mary Hamilton Environmental Services Mgr., 323 N. Sinclair Ave. Tavares, FL 32778 Ofc: 352-483- 9006 mhamilton@lakecountyfl.com
				Paul Carlisle , County Manager 500 Ave J. Moore Haven, FL 33471 Ofc: 863- 946-6000 pearlisle@myglades.com Willie Nabong , PW Director 205 Hanchey Road Wauchula, FL 33873 Ofc: 863-773-3272 Fax: 863-773-0107 willie.nabong@hardeecounty.net

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Lake Mary, FL 9/19/2017-12/9/2017	Removed & Disposed: ROE, vegetation, C&D, mulch, leaners (10), hangers (453 trees); Reduced: at 1 site by grinding (43,923 CY); Monitored by Thompson - ADMS	\$563,577	43,935	Bruce Paster , PW Director 911 Wallace Court Lake Mary, FL 32746 Cell: 407-463-8133 Ofc: 407-585-1452 bpaster@lakemaryfl.com
Lakeland, FL 9/19/2017-02/09/2018	Removed & Disposed: vegetation, C&D, mulch, leaners (413), hangers (12,189 trees), stumps (6); Reduced: at 3 site by grinding (187,240 CY); Monitored by Thompson - ADMS	\$3,345,920	228,996	Heath Frederick , PW Director 228 S Massachusetts Ave. Lakeland, FL 33801 Cell: 386-747-2370 , Ofc: 863-834-6001 heath.frederick@lakelandgov.net
Lauderdale-By-The-Sea, FL 9/16/2017-10/9/2017	Push Operations Removed & Disposed: vegetation, hangers (131 trees) Monitored by Witt O'Briens - ADMS	\$71,211	6,748	Don Prince , Director of Municipal Services 4501 N. Ocean Drive Lauderdale-By-The-Sea, FL 33308 Cell: 954-275-0808 Ofc: 954-640-4232 Fax: 954-776-0578 DonP@lbtts-fl.gov
Lazy Lakes, FL 9/17/2017-10/15/2017	Removed & Disposed: vegetation, hangers (3 trees)	\$2,887	333	Melissa Augustin , City Attorney, 3099 E Commercial Blvd, Ste 200, Ft Lauderdale, FL 33308, 954-771-4500, maugustin@cityattv.com
Lee Co, FL 9/16/2017-7/5/2018	Removed & Disposed: ROE, vegetation, C&D, mulch, leaners (3,733)/ hangers (70,730 trees), stumps (18); Reduced: at 15 site by grinding (1,711,022 CY); Monitored by Thompson - ADMS	\$29,654,974	1,729,186	Jason Fournier , Public Utilities Mgr., Public Utilities Manager 10500 Buckingham Rd. Fort Myers, FL 33905 Cell: 239-229-5733 Ofc: 239-533-8000 Fax: 239-338-3337 jfournier@lee.gov
Miami Springs, FL 9/14/2017-02/15/2018	Removed & Disposed: vegetation, C&D, mulch, leaners (314), hangers (3,862 trees), stumps (74); Reduced: at 1 site by grinding (120,062 CY); Monitored by Thompson - ADMS	\$3,673,278	141,744	Tammy Romero , Procurement Specialist 201 Westward Drive Miami Springs, FL 33166 Ofc: 305-805-5035 Fax: 305-805-5018 romerot@miamisprings-fl.gov
Miami, FL 10/4/2017-12/14/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (162), hangers (4,213 trees), stumps (103) Reduced: at 1 site by grinding (45,211 CY); Monitored by Tetra Tech - ADMS	\$1,452,739	45,215	Mario F. Nunez , Solid Waste Director 1290 N.W. 20 Street Miami, FL 33142 Ofc: 305-960-2804 Fax: 305-960-2850 mfnunez@miamigov.com
Mount Dora, FL 9/26/2017-10/31/2017	Removed & Disposed: vegetation; Reduced: at 1 site by grinding; Monitored by Tetra Tech - ADMS	\$638,401	32,907	Mike Sheppard , Dep. Director Finance 510 N Baker St. Mount Dora, FL 32757 Ofc: 352-735-7179 Cell: 352-408-4692 sheppardm@cityofmoundora.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Nags Head, NC 9/8/2017-10/12/2017	Supplied water pumps for standby use	\$11,486	Hrly	David Ryan , Town Engineer, 2200 Lark Ave. Nags Head, NC 27959 Ofc: 252-441-6221, cell 252-475-0038, fax: 252-441-3350 david.ryan@nagsheadnc.gov Jim Bjostad , Public Safety Emergency Manager 2675 Ortiz Ave. Ft. Myers, FL 33905 Cell: 239-476-2147 Ofc: 239-533-0617 Fax: 239-477-3636 bjostad@leegov.com
Nassau Co, FL 9/18/2017-2/9/2018	Removed & Disposed: vegetation, mulch, leaners (81), hangers (7,113 trees); Reduced: at 2 site by grinding (215,055 CY); Monitored by Witt O'Briens - ADMS	\$2,978,945	209,674	Scott Herring PW Director 46026 Landfill Rd. Callahan, FL 32011 Ofc: 904-491-7330 Cell: 904-583-5665 Fax: 904-879-6323 sherring@nassaucountyfl.com William Alonso , City Manager 201 Westward Drive Miami Springs, FL 33166 Ofc: 305-805-5014 alonso@miamicounties-fl.gov
North Port, FL 9/15/2017-12/13/2017	Removed & Disposed: vegetation, mulch, leaners (6), hangers (675 trees); Reduced: at 1 site by grinding (47,241 CY); Monitored by Rostan / Hall Pass - ADMS	\$737,413	47,241	Monica Bramble , Asst. PW Director 1100 N. Chamberlin Blvd. North Port, FL 34286 Ofc: 941-240-8060 Cell: 941-628-0015 Fax: 941-240-8063 mbramble@cityofnorthport.com Robert Williams , Solid Waste Superintendent 1290 N.W. 20 Street Miami, FL 33142 Ofc: 305-960-2837 Fax: 305-960-2845 robwilliams@miamigov.com
Ocala, FL 9/18/2017-02/26/2018	Push Operations; Removed & Disposed: ROE, ROW, vegetation, mulch, leaners (96), hangers (377 trees), stumps (42); Reduced: at 2 site by grinding (155,837 CY) Monitored by Witt O'Briens - ADMS	\$119,645	129,645	Darren Park , PW Director 1805 NE 30 th Ave. Bldg. 300 Ocala, FL 34470 Ofc: 352-351-6733 Cell: 352-414-8622 Fax: 352-351-6731 dpark@ocalafl.org John McKinney , Finance Director 510 N. Baker St. Mount Dora, FL 32757 Ofc: 352-735-7158 Cell: 321-205-6401 mckinney@ci.mount-dora.fl.us
Okeechobee Co, FL 9/22/2017-12/08/2017	Removed & Disposed: vegetation, ash, mulch, leaners (5), hangers (1,742 trees); Reduced: at 1 site by burning (48,823 CY) & grinding (65,682 CY); Monitored by Culpepper & Terpening - ADMS	\$1,412,646	122,407	Mitchell Smeykal , EM Director 707 NW 6 th St. Ave Okeechobee, FL 34972 Ofc: 863-763-3212 Cell: 863-634-6273 Fax: 863-763-1569 msmeykal@co.okeechobee.fl.us
Orange Co, FL 9/15/2017-2/26/2018	Removed & Disposed: vegetation, C&D, mulch, ash, leaners (152), hangers (19,318 trees), stumps (7), marine debris; Reduced: at 2 site by burning (330,910 CY) and grinding (19,046 CY); Monitored by Tetra Tech - ADMS	\$6,911,053	364,326	Shanea Jones , County Manager 96135 Nassau Pl. Suite 1 Yulee, FL 32097 Ofc: 904-530-6010 Fax: 904-321-5784 sjones@nassaucountyfl.com Ralphetta Aker , PW Fiscal & Op Support Manager 4200 South John Young Parkway Orlando, FL 32839 Ofc: 407-836-8011 Fax: 407-836-7788 Ralphetta.Aker@ocfl.net
Orange Park, FL 9/26/2017-2/4/2018	Reduced: at 1 site by grinding (14,122 CY); Monitored by Landfall Strategies	\$72,200	10,180	
Orlando, FL 9/22/2017-12/11/2017	Removed & Disposed: ROE, vegetation, mulch, hangers (2,974 trees); Reduced: at 2 site by grinding (51,918 CY); Monitored by Thompson - ADMS	\$1,223,299	57,928	Mike Carroll , Solid Waste Div. Manager 1028 S. Woods Ave. Orlando, FL 32805 Ofc: 407-246-3050 Cell: 407-538-8916 Fax: 407-246-2808 michael.carroll@cityoforlando.net Frank Lama , Solid Waste Manager 1100 Chamberlain Blvd. North Port, FL 34286 Ofc: 941-240-8074 Fax: 941-429-7079 flama@cityofnorthport.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Ormond Beach, FL 9/16/2017-10/26/2017	Removed & Disposed: ROE, vegetation, mulch, leaners (20), hangers (3,608 trees); Reduced: at 1 site by grinding (130,212 CY); Monitored by Thompson - ADMS	\$2,022,282	130,212	Kevin Gray , PW Operations Manager 501 N. Orchard St. Ormond Beach, FL 32174 Ofc: 386-676-3577 Cell: 386-316-7725 kevin.gray@ormondbeach.org Ken Whitehead , Asst. City Manager 1805 NE 30 th Ave Bldg. 600 Ocala, FL 34470 Ofc: 352-401-3974 Cell: 352-857-1223 kwhitehead@ocalafl.org
Palm Coast, FL 10/13/2017-11/6/2017	Removed & Disposed: vegetation, C&D Monitored by True North - ADMS	\$162,856	22,007	Jim Landon , City Manager 160 Lake Avenue Palm Coast, FL 32164 Ofc: 386-986-3702 Fax: 386-986-3781 jlandon@palmcoastgov.com Russell Rowland , Asst Co Administrator 1700 NW 9 th Ave. Suite D Okceehobee, FL 34972 Ofc: 863-763-1811 Cell: 863-697-0121 Fax: 863-763-5529 rrowland@co.okceehobee.fl.us
Palm Springs, FL 9/15/2017-11/2/2017	Removed & Disposed: ROE, vegetation Monitored by Thompson - ADMS	\$134,297	17,072	Mr. William "Bill" Golson , Dir. Parks and Recreation 226 Cypress Lane Palm Springs, FL 33461 Ofc: 561-964-8820 Fax: 561-964-2387 bgolson@vpsfl.org Jennifer Cummings PW Storm water Manager 4200 S. John Young Pkwy Orland, FL 32839 Ofc: 407-836-7795 Cell: 321-689-7624 jennifer.cummings@ocfl.net
Palmetto, FL 10/5/2017-11/21/2017	Removed & Disposed: vegetation, mulch, hangers (144 trees); Reduced: at 1 site by grinding (17,730 CY) Monitored by Witt O'Briens - ADMS	\$202,411	17,730	Allen Tusing , PW Director 600 17 th Street W. Palmetto, FL 34221 Ofc: 941-723-4580 Cell: 941-737-0282 Fax: 941-723-4539 atusing@palmettofl.org Rick Howard , PW Director 1028 S. Woods Ave. Orlando, FL 32805, Ofc: 407-246-3222 rick.howard@cityoforlando.net
Plantation, FL 9/19/2017-12/22/2017	Removed & Disposed: vegetation, hangers (2,104 trees) Monitored by Witt O'Briens - ADMS	\$1,714,266	194,605	Dawn Mehler , Administrative Analyst 750 NW 91 st Avenue Plantation, FL 33324 Ofc: 954-797-2723 dmehler@plantation.org
Polk Co, FL 9/15/2017-04/05/2018	Removed & Disposed: vegetation, mulch, leaners (71), hangers (27,456 trees); Reduced: at 11 site by grinding (2,158,977 CY); Monitored by Tetra Tec - ADMS	\$27,921,453	2,171,245	Michael Teate , Roads & Drainage Area Manager 3000 Sheffield Rd. Winter Haven, FL 33880 Ofc: 863-535-2200 Cell: 863-581-0541 michaelteate@polk-county.net Nester Abreu , PW Director 1 Wellfield Grade Palm Coast, FL 32137 Ofc: 386-986-2360 Cell: 386-931-5177 nabreu@palmcoastgov.com
Polk Co School Board, FL 11/4/2017-02/28/2018	Removed & Disposed: vegetation, leaners (27), hangers (2,516 trees); Reduced: at 9 site by grinding (14,228 CY); Monitored by Tetra Tech - ADMS	\$345,164	14,322	Scott Reeves , Senior Coordinator of Support Services, 1430 Hwy 60 East Bartow, FL 33830 863-534-5052 Scott.reeves@polk-fl.net Kimberly Wynn , Village Clerk 226 Cypress Lane Palm Springs, FL 33461 Ofc: 561-965-4010 Fax: 561-965-0899 kwynn@vpsfl.org
Punta Gorda, FL 9/22/2017-10/16/2017	Removed & Disposed: vegetation, mulch, leaner (1), stump (1); Monitored by Landfall Strategies	\$131,971	17,770	Marian Pace , Procurement Manager 326 West Marion Ave. Punta Gorda, FL 33950 Ofc: 941-575-3348 Cell: 941-628-1592 Fax: 941-575-3340 mpace@pgorda.us Javier Vargas Dep. Director PW 600 17 th Street W. Palmetto, FL 34221 Ofc: 941-723-4539 Fax: 941-723-4539 jvargas@palmettofl.org

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CV	CONTRACTING POINT OF CONTACT
Putnam Co, FL 9/18/2017-2/2018	Removed & Disposed: vegetation, mulch; Reduced: at 4 site by grinding (272,567 CY); Self-Monitored	\$3,935,714	317,143	Larry Gast , Dir. Solid Waste/Sanitation 140 County Landfill Rd. Palatka, FL 32177 Ofc: 386-329-1200 Fax: 386-329-0486 larry.gast@putnam-fl.com Steve Rodgers , PW Asst. Director 750 NW 91 st Ave Plantation, FL 33324 Ofc: 954-452-2535 Fax: 954-452-2548 srodgers@plantation.org
Sanford, FL 9/18/2017-11/12/2017	Removed & Disposed: vegetation, C&D, mulch; Reduced: at 1 site by grinding (47,590 CY); Monitored by Witt O'Briens - ADMS	\$567,798	43,156	John P. Reichardt , PW Operations Mgr., 300 N Park Ave. Sanford, FL 32771 Ofc: 407-688-5087 Cell: 407-416-2998 john.reichardt@sanfordfl.gov Jay Jarvis , Drainage Director, jayjarvis@polk-county.net , 300 Sheffield Rd, Winter Haven 33880, (863)535-2200
Sanibel Island, FL 9/18/2017-12/17/2017	Push Operations, Removed & Disposed: ROE, vegetation, mulch, leaners (122), hangers (720 trees), stumps (44); Reduced: at 1 site by grinding (169,454 CY); Monitored by Witt O'Briens - ADMS	\$2,217,420	161,910	Keith Williams II , PW Director 800 Dunlop Rd. Sanibel, FL 33957 Ofc: 239-472-6397 Cell: 239-691-8787 keith.williams@mysanibel.com
Sarasota Co, FL 9/13/2017-1/19/2018	Push Operations, Removed & Disposed: vegetation, mulch, leaners (2), hangers (77 trees), stumps (9); Reduced: at 3 site by grinding (299,869 CY); Monitored by Tetra Tech - ADMS	\$2,750,728	221,501	Lois Rose , Solid Waste Mgr. 4000 Knights Trail Road Nokomis, FL 34275 Ofc: 941-861-1589 Cell: 941-650-0722 Fax: 941-486-2620 lerose@sco.gov.net Howard Kunik , City Manager 326 West Marion Ave. Punta Gorda, FL 33950 Ofc: 941-575-3301 Fax: 941-575-3310 hkunik@pgorda.us
St Petersburg, FL 9/16/2017-12/9/2017	Removed & Disposed: vegetation, mulch, stumps (8) Reduced: at 1 site by grinding (163,755 CY); Monitored by Tetra Tech - ADMS	\$1,950,185	163,792	Mike Vineyard , Park Operational Manager 1400 19 th Street North. St. Petersburg, FL 33713 Ofc: 727-892-5233 michael.vineyard@stpete.org Lynn Wooten Solid Waste Sanitation Admin 140 County Landfill Rd. Palatka, FL 32177 Ofc: 386-329-1201 Cell: 386-937-5231 Fax: 386-329-0486 Lynn.wasdin@putnam-fl.com
Stuart, FL 9/11/2017-10/27/17	Push Operations; Removed & Disposed: ROE, vegetation, mulch, leaners (2) / hangers (171 trees); Reduced: at 1 site by grinding (13,064 CY); Monitored by Thompson - ADMS	\$181,132	11,850	Sam Amerson , Dir. Public Works 121 SW Flagler Ave. Stuart, FL 34994 Ofc: 772-288-5331 Cell: 772-260-9613 samerson@ci.stuart.fl.us Bilal Iftikhar PW Director , 300 N Park Ave. Sanford, FL 32771 Ofc: 407-688-5085 Fax: 407-688-5081 bilal.iftikhar@sanfordfl.gov
Sumter Co, FL 9/27/2017-2/24/2018	Removed & Disposed: vegetation, mulch, leaners (274), hangers (7,806 trees), stumps (78); Reduced: at 1 site by grinding (75,292 CY); Monitored by Thompson - ADMS	\$1,391,971	59,826	Scott Krawczuk , Dep. Director Public Works 800 Dunlop Rd. Sanibel, FL 33957 Ofc: 239-472-6397 Cell: 239-770-2554 Fax: 239-472-6041 Mark Wilson , Road and Bridge Superintendent 319 E. Anderson Ave. Bushnell, FL 33513 Ofc: 352-569-6700 Fax: 352-569-6701
Sunny Isles Beach, FL 9/26/2017-9/29/2017	Removed & Disposed: mulch	\$37,866	1,538	Christopher Russo , City Manager 18070 Collins Ave. Sunny Isles Beach, FL 33160 Ofc: 305-947-0606 Fax: 305-949-3113 crusso@sibfl.net Scott Montgomery, EM Operations Mgr. 6050 Porter Way Sarasota, FL 34236 Ofc: 941-861-5927 Fax: 941-861-5501 smontgo@sco.gov.net

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Sunrise, FL 9/17/2017-11/30/2017	Removed & Disposed: vegetation, C&D, mulch, leaners (263), hangers (3,804 trees); Reduced: at 2 site by grinding (99,565 CY); Monitored by Tetra Tech - ADMS	\$2,557,532	136,417	Scott Manning , Emergency Mgmt 10440 W. Oakland Park Blvd. Sunrise, FL 33351 Ofc: 954-746-3476 Cell: 954-383-2647 smanning@sunrisefl.gov Mike Jeffries , Dir. Parks and Rec 1400 19th Street North St. Petersburg, FL 33713 Ofc: 727-892-5863 michael.jeffries@stpete.org
Tarpon Springs, FL 9/18/2017-12/13/2017	Removed & Disposed: ROE, vegetation, C&D, mulch, leaners (34), hangers (703 trees); Reduced: at 1 site by grinding (43,716 CY); Monitored by Tetra Tech - ADMS	\$675,256	45,557	Tom Funcheson , PW Director 324 East Pine Street Tarpon Springs, FL 34689 Ofc: 727-942-5606 Cell: 727-224-6182 Fax: 727-943-9609 tfuncheson@ctsfl.us Dave Peters , Asst. Director of PW 121 SW Flagler Ave. Stuart, FL 34994 Ofc: 772-288-1292 Cell: 772-260-9615 dpeters@ci.stuart.fl.us
Tybee Island, GA 9/17/2017-11/21/2017	Removed & Disposed: C&D, white goods (31) Monitored by Rostan / Haul Pass - ADMS	\$75,798	9,735	Angela Hudson , Finance Director 403 Butler Ave. Tybee Island, GA 31328 Ofc: 912-472-5021 Fax: 912-786-9465 ahudson@cityoftybee.org Jackey Jackson , Asst. PW Director Operations 319 E. Anderson Ave. Bushnell, FL 33513 Ofc: 352-569-6700 Cell: 352-303-8543 Fax: 352-569-6701 jackey.jackson@sumtercounty.fl.gov
Venice, FL 9/20/2017-10/17/2017	Removed & Disposed: vegetation Monitored by Thompson - ADMS	\$110,342	12,543	Judy Gamel , Executive Asst. City Manager's Office 401 West Venice Ave. Venice, FL 34285 Ofc: 941-882-7398 Fax: 941-480-3031
Vero Beach, FL 9/18/2017-10/13/2017	Removed & Disposed: ROE, vegetation Reduced: at 1 site by grinding (43,149 CY); Monitored by Thompson - ADMS	\$440,532	35,621	Don Dexter , PW Manager 3405 Airport West Drive Vero Beach, FL 32960 Ofc: 772-978-4861 Cell: 772-473-7372 Fax: 772-978-4879 ddexter@covb.org Richard Salamon , City Manager 10770 West Oakland Park Blvd. Sunrise, FL 33351 Ofc: 954-746-3430 Fax: 954-746-3439 citymanager@sunrisefl.gov
(The) Villages Community, FL 9/15/2017-12/20/2017	Removed & Disposed: vegetation, mulch, stumps (34) Reduced: at 2 site by burning (31,288 CY); Monitored by Volkert - ADMS	\$406,299	31,288	Diane Tucker , Admin Ops Manager 940 Lakeshore Drive The Villages, FL 32162 Ofc: 352-674-1920 Cell: 352-207-8626 Fax: 652-674-1921 diane.tucker@districtgov.org Mr. Richard Butcher , 444 Huey Ave. South Tarpon Springs, FL 34689 Ofc: 727-938-3737 Fax: 727-934-0598
Wilton Manors, FL 9/7/2017-10/14/2017	Removed & Disposed: vegetation, C&D, leaners (3), hangers (91 trees); Monitored by Tetra Tech - ADMS	\$222,615	25,961	David Archacki , Dir. Utilities / Emergency Mgmt 2020 Wilton Drive Wilton Manors, FL 33305 Ofc: 954-390-2129 Cell: 943-818-7315 darchacki@wiltonmanors.com Shawn Gillen , City Manager 403 Butler Ave. Tybee Island, GA 31328 Ofc: 912-472-5070 Cell: 404-309-1788 sgillen@cityoftybee.org
2017 Hurricane Harvey	26 Contracts Activated for Event - 25 DMS Managed for Event	\$93,763,092 Total Event Cost	6,015,594 Total Event CY	
Alvin, TX 9/7/2017-10/16/2017	Removed & Disposed: C&D, vegetation, white goods (19), E-waste (200), HHW (11,100 Lbs.); Monitored by True North - ADMS	\$252,613	12,446	Brian Smith , Director of Public Services, 1100 W Hwy 6, Alvin, TX 77511, 281-388-4315, bsmith@psf.cityofalvin.com

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
Aransas Co, TX 9/5/2017-8/27/2018	Removed & Disposed: vegetation, C&D, mulch, compacted C&D, leaners (616), hangers (23,576 trees), white goods (9,729), HHW (66,560 Lbs.), PPDR debris; Reduced: at 3 site by grinding; Monitored by Thompson - ADMS	\$38,281,175	2,395,235	Rick McLester , EM Coordinator, 301 N Live Oak St, Rockport, TX 78382, 361-790-0100, rmclester@aransascounty.org
Baytown, TX 9/6/2017-10/25/2017	Removed & Disposed: vegetation, C&D, white goods (973), E-waste (131), HHW (34,680 Lbs.); Monitored by True North - ADMS	\$776,463	34,828	Rick Davis , City Manager, 2401 Market St, Baytown, TX 77520, 281-420-6500, citymanager@baytown.org Bob Mays , Director of Finance 2020 Wilton Dr. Wilton Manors, FL 33305 Ofc: 954-390-2143 Bmays@wiltonmanors.com
Brazoria Co, TX 9/13/2017-01/12/2018	Removed & Disposed: vegetation, C&D, white goods (2,376), HHW (103,720 Lbs.), compacted C&D, mulch; Reduced: at 4 site by C&D compaction; Monitored by Tetra Tech - ADMS	\$3,417,026	161,448	Trey Haskens , Asst. County Engineer 451 N. Velasco, Suite 230 Angleton, TX 77515 Ofc. 979-583-7657 trehy@brazoria-county.com
Chambers Co, TX 9/7/2017-10/13/2017	Removed & Disposed: C&D, vegetation, white goods (270), E-waste (34), HHW (2,350 Lbs.) Monitored by True North - ADMS	\$205,142	10,534	Jimmy Sylvia , County Judge, 404 Washington Ave, Anahuac, TX 77514, 409-267-2440, jsylvia@co.chambers.tx.us
Clear Lake Shores, TX 9/21/2017-10/14/2017	Removed & Disposed: C&D, vegetation, white goods (83), E-waste (40), HHW (3,500) Monitored by True North - ADMS	\$51,977	1,813	Mr. George Jones , City Administrator 1006 South Shore Dr. Clear Lake Shores, TX 77565 Ofc: 281-334-2799 Fax: 281-334-2866 gjones@clearlakeshores-tx.gov
Corpus Christi, TX 8/31/2017-1/17/2018	Removed & Disposed: vegetation, mulch, hangers (19,232 trees); Reduced: at 2 site by grinding Monitored by Tetra Tech - ADMS	\$7,724,553	536,074	Lawrence Mikolajczyk , SW Dir, 2525 Hygeia St, Corpus Christi, TX 78415, 361-857-1972, lawm@cctexas.com Paul Bass , Asst. Dir. Of Support Services 361-826-1968 PaulB@cctexas.com
Dickinson, TX 9/7/2017-1/26/2018	Removed & Disposed: C&D, vegetation, white goods (5,178), E-waste (7,684), HHW (182,460 Lbs.); Monitored by Tetra Tech - ADMS	\$5,942,702	191,789	Capt. Steve Krone , Emergency Operations Dir, 4000 Liggio, Dickinson, TX 77539, 281-337-6308, skrone@ci.dickinson.tx.us
Friendswood, TX 9/6/2017-1/15/2018	Removed & Disposed: C&D, white goods (5,804), E-waste (2,545), HHW (235,920 Lbs.) Monitored by Tetra Tech - ADMS	\$4,096,828	135,952	Terry Byrd , EM Coordinator, 1600 Whitaker Dr, Friendswood, TX 77546, 281-996-3332, tbyrd@ci.friendswood.tx.us
Galveston Co, TX 9/27/2017-11/22/2017	Removed & Disposed: C&D, white goods (134), e-waste (547) Monitored by Tetra Tech - ADMS	\$573,170	33,261	Rufus 'Lee' Crowder , Purchasing Agent 722 Moody Street 5th Floor Galveston, TX 77550 Ofc: 409-770-5372 rufus.crowder@co.galveston.tx.us Chief Kenneth G. Cook , Police Chief 1006 South Shore Drive Clear Lake Shores, TX 77565 Ofc: 281-334-1034 Fax: 281-334-2866 kcook@clearlakeshores-tx.gov
Ingleside, TX 9/3/2017-02/08/2018	Removed & Disposed: C&D, vegetation, compacted C&D, mulch; Reduced: at 3 site by grinding & compacting C&D Monitored by True North - ADMS	\$4,256,037	296,483	Shanna Owens , EM Coordinator 2425 8th Street Ingleside, TX 78362 Ofc: 361-776-7422 sowens@inglesidetx.gov
Jones Creek, TX 9/15/2017-10/16/2017	Removed & Disposed: C&D Monitored by Witt O'Briens - ADMS	\$62,579	3,532	Marshal William Tidwell , Marshal/EM 7207 Stephen F. Austin Jones Creek, TX 77541 Ofc: 979-292-6393 Fax: 979-233-3712 je.civhall@coastal-link.net

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
LaMarque, TX 9/16/2017-10/26/2017	Removed & Disposed: C&D, vegetation, white goods (12), e-waste (29) Monitored by TCB - ADMS	\$396,256	21,994	Charlete Todaro Warren , PW Coordinator Emergency Management 1111 Bayou Road La Marque, TX 77568 Ofc: 409-938-9225 Cell: 409-457-7511 Fax: 409-935-0401 c.todaro@cityoflamarque.org
Lake Jackson 9/16/2017-10/7/2017	Removed & Disposed: vegetation Monitored by Tetra Tech - ADMS	\$20,548	4,281	Keelie Kennedy , Buyer 25 Oaks Drive Lake Jackson TX 77566 Ofc: 979-415-2420 Fax: 979-415-2520 kkennedy@lakejacksontx.gov
League City, TX 9/7/2017-12/2/2017	Removed & Disposed: C&D, white goods (3,209), E-waste (3,491), HHW (109,220 Lbs.) Monitored by Tetra Tech - ADMS	\$2,422,457	116,461	Bo Bass , City Manager, 300 W Walker St, League City, TX 77573, 281-554-1414, john.baumgartner@leaguecitytx.gov
Liberty Co, TX 10/16/2017-2/28/2018	Removed & Disposed: C&D, compacted Reduced: at 3 sites by compaction Monitored by Tetra Tech - ADMS	\$153,637	13,595	Tom Branch EM Coordinator 2400 Beaumont Ave. Jail Admin Bldg Liberty TX 77575 Ofc: 936-334-3219 Cell: 713-816-9898 Fax: 936-336-3172 tom.brancy@co.liberty.tx.us
Montgomery Co, TX 9/5/2017-2/6/2018	Removed & Disposed: C&D, compacted C&D, white goods (1,013), E-waste (1,699), HHW (974 Lbs.); Reduced: at 3 sites by grinding & compaction, Monitored by Tetra Tech - ADMS	\$2,172,773	118,097	Chief Deputy Randy McDaniel , EM Coordinator, 9472 Airport Rd, Conroe, TX 77303, 936-760-5852, Randy.McDaniel@mctx.org
Nassau Bay, TX 9/14/2017-10/19/2017	Removed & Disposed: C&D, vegetation, white goods (95), E-waste (7), HHW (17,780 Lbs.) Monitored by Witt O'Briens - ADMS	\$205,060	6,324	Jamie Galloway , EM Coordinator 1800 Space Park Dr. Suite 200 Nassau Bay, TX 77058 Ofc: 281-336-6298 Fax: 281-335-1555 jamie.galloway@nassaubay.com
Newton Co, TX 10/2/2017-12/13/2017	Removed & Disposed: C&D, vegetation Monitored by Thompson - ADMS	\$104,047	8,859	Rosemary Johnson , Admin Assistant for Judge PO Box 1380 Newton, TX 75966 Ofc: 409-379-5691 Cell: 409-381-0677 Fax: 409-379-2107 newtoncountyjudge@co.newton.tx.us
Nueces Co, TX 9/14/2017-11/21/2017	Removed & Disposed: C&D, vegetation Reduced: at 1 site by grinding Monitored by Tetra Tech - ADMS	\$84,568	7,851	Christopher Boyce , Me. Mgmt Coordinator 901 Leopard Street, Room 106 Corpus Christi TX 78401 Ofc: 361-888-0513 Fax: 361-888-0445 christopher.boyce@nuecesco.com
Port Arthur, TX 9/8/2017-1/19/2018	Removed & Disposed: C&D, compacted C&D, white goods (3,551), E-Waste (47,886); Reduced: at 3 sites by compaction Monitored by Witt O'Briens - ADMS	\$11,140,779	487,974	Glen White , Solid Waste, 44 4th St, Port Arthur, TX 77640, 409-983-8501, glen.white@portarthurtx.gov , Alison Walker , Solid Waste Administrative Assistant 409-983-8501, Allison.walker@portarthurtx.gov Armando Gutierrez , PW Dir., 409-983-8513, armando.gutierrez@portarthurtx.gov

OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT
San Patricio Co, TX 9/3/2017-2/9/2018	Removed & Disposed: C&D, vegetative, mulch Reduced: at 3 site by grinding & compacting Monitored by True North - ADMS	\$4,297,535	296,667	Sara Williams , Emergency Management, 313 N Rachal St, Sinton, TX 78387, 361-587,3560, sara.williams@co.san-patricio.tx.us Paul Lopez , PW Director 18295 Upper Bay Rd. Nassau Bay TX 77258 Ofc: 281-333-2944 Fax: 281-333-2301 paul.lopez@nassaubay.com
Santa Fe, TX 9/7/2017-11/2/2017	Removed & Disposed: C&D, HHW (10,780 lbs.) Monitored by Thompson - ADMS	\$374,485	22,580	Joe Dickson , City Manager, 12002 State Hwy 6, Santa Fe, TX 77510, 409-925-6412, olen.bean@co.jasper.tx.us Olen Bean , Dept. EMC PO Box 1380 Newton, TX 75966 Ofc: 409-994-25431 Cell: 409-658-9241
Seabrook, TX 9/9/2017-10/4/2017	Removed & Disposed: C&D, vegetation, white goods (37), HHW (3,120 Lbs.); Monitored by Tetra Tech - ADMS	\$39,905	1,592	Gayle Cook , City Manager, 1700 1st St, Seabrook, TX 77586, 281-291-5719, gcook@seabrooktx.gov Glen Sullivan , PW Director 901 Leopard Street, Room 103 Corpus Christi, TX 78401 Ofc: 361-888-0490 Cell: 361-533-2356 Fax: 361-888-0485 glen.sullivan@nuecesco.com
TX GLO 01/05/2018-03/15/2018	Removed & Disposed: Waterway debris	\$6,610,243	24,918	Tony Williams , Planning Senior Director 512-463-5055 tony.williams@glotexas.gov
Webster, TX 9/8/2017-10/3/2017	Removed & Disposed: C&D, vegetation, white goods (6), E-waste (89), HHW (2,580 Lbs.); Monitored by True North - ADMS	\$46,607	2,141	Joe Ferro , EM Dir, 101 Pennsylvania Ave, Webster, TX 77598, 281-316-3712, jferro@cityofwebster.com
West Columbia, TX 9/23/17-10/16/2017	Removed & Disposed: C&D, white goods (7), E-waste (44), HHW (1,640 Lbs.); Monitored by Witt O'Briens - ADMS	\$53,922	2,351	Chief Paul Odin , 310 E. Clay West Columbia, TX 77486 Ofc: 979-345-5121 Cell: 713-459-0732 Fax: 979-345-2730 chief@westcolumbiatx.org
2017 TS Cindy				
Dauphin Island, AL 6/27/2017-6/29/2017	Sand Clearance from Roadways	\$6,540	Hourly	Jeff Collier , Mayor, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, jcollier@townofdauphinisland.org Vania Ramaekers , Contract Specialist, 512-463-5047, Vania.ramaekers@glotexas.gov
2017 Tornado				
Hattiesburg, MS 2/11/2017-5/27/2017	Removed & Disposed: vegetation, C&D, stumps, leaners & hangers; Monitored by Debris Tech - ADMS	\$2,237,052	150,710	Lamar Rutland , City Engineer, 212 W Front St, Hattiesburg, MS 39401, 601-545-4540, lrutland@hattiesburgms.com Debbie Sutherland , City Manager 512 E. Brazos Ave. West Columbia TX 77486 Ofc: 979-345-3123 Fax: 979-345-3178 citymanager@westcolumbiatx.org



OWNER/LOCATION & TIMELINE	DESCRIPTION OF WORK	PROJECT VALUE	APPROX. CY	CONTRACTING POINT OF CONTACT	
2017 Other Projects					
Central, LA 6/28/2017-7/1/2017	Removed & Disposed: C&D Monitored by Debris Tech - ADMS	\$38,067	3,239	JR Shelton, Mayor, 13421 Hooper Rd, Ste 8, Central, LA 70818, 225-261-5989, jr.shelton@central-la.gov	Wanda Sandagger, Administrative Assistant, 1011 Bienville Blvd, Dauphin Island, AL 36528, 251-861-5525, wsandagger@townofdauphinisland.org
Corpus Christi, TX 6/14/2017-7/12/2017	Removed & Disposed: vegetation (Emergency Brush Collection)	\$299,977	41,663	Gilbert Montoya, 361-816-8156, gilbertm@cctexas.com	
Newport News, VA 5/2017-7/2017	Removed trees from different locations in the City at various times	\$44,673	Lump Sum	Derrick Porter, Storm water, 513 Oyster Point Rd, Newport News, VA 23602, dporter@nngov.com	



Past Performance Chart - Demolition Experience

The following chart is a partial listing of work accomplished by CrowderGulf that involved Demolition. The Management Team Members are also list for your review.

APPLICANT	TIMELINE	# OF PROPERTIES	Management Team Members
Friendswood, TX	10/2020	6	Buddy Young, Clayton Young
Galveston County, TX	8/2019	1	Buddy Young, Clayton Young
Bay County, FL	2019 - Present	296 Complete (79 remaining – As authorized by FEMA/Co.)	Robert Lewis Najor
LaMarque, TX	8/2014	2	Buddy Young, Clayton Young
New Jersey Dept. of Environmental Protection	2/20/13-12/15/13	1	Reid Loper, Nick Pratt, Wilber Ledet, Jeff Zemlik, Margaret Wright
Dauphin Island, AL	8/31/2012-1/4/2013	265	Nick Pratt, Jeff Zemlik
Prichard, AL (dba Gulf Equipment)	12/1/2010- 12/15/2010	39	Lyman Ramsay
Chambers County, TX	3/5/2009-8/27/2009	203	Buddy Young
Galveston County, TX (<i>Galveston County Mainland & Bolivar Peninsula</i>)	9/18/2008- 9/12/2009	1,597	Buddy Young, John Campbell
Galveston County, TX	9/10/2010 – 9/29/2012	176	Nick Pratt, Eric Hall
Jefferson County, TX	9/20/2008-2/9/2009	7	Don Beauchene, Mike Moulder
Kemah, TX	9/20/2008- 8/14/2009	9	Rod Harding
Bayou La Batre, AL,	5/1/2007-6/1/2007	39	John Ramsay
Fort Lauderdale, FL	10/27/2005- 3/8/2006	335	Jake Boland
Sanibel Island, FL	10/28/2005- 12/1/2005	189	Ricky Jones
Calcasieu Parish, LA	9/30/2005- 8/28/2006	333	Buddy Young, Margaret Wright
Biloxi, MS	9/1/2005-5/23/2007	312	Lyman Ramsay
Gulfport, MS	12/10/2005- 9/20/2006	27	Doug Walton
Pascagoula, MS	9/1/2005-7/31/2010	1	John Aaron Ramsay
Wakulla County, FL	7/15/2005- 9/30/2005	2	Bud Rich
Walton County, FL	7/15/2005- 9/15/2005	16	Doug Walton



Experience with Specialty Debris

CrowderGulf's supervisory personnel are experienced in identifying and assessing potential problems imposed by specialty debris including **Abandoned Vehicles and Vessels; Dead Animal Removal, Demo Asbestos Materials; Electronic waste (E-Waste); Freon and White Goods; Household Hazardous Waste (HHW); and Waterway (Sand, Beach and Wet Marine Debris).** 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.

Year	Event	Client / Location	Abandoned Vehicles / Vessels	Dead Animal Removal	Demo / Asbestos Materials	E-Waste	Freon / White Goods	HHW	Waterway - Sand / Beach / Wet
2021	Flooding & Severe Storms	Calcasieu Parish, LA				X	X		
		Lake Charles, LA				X	X		
2021	Winter Storm	Friendswood, TX				X			
2020	Hurricane Sally	Baldwin County, AL				X	X		
		Gulf Shores, AL				X	X		
		Orange Beach, AL	X			X	X		X
2020	Hurricane Laura	Calcasieu Parish, LA				X	X		
		DeQuincy, LA				X	X		
		Iowa, LA				X	X		
		Lake Charles, LA				X	X	X	
		Sulfur, LA					X	X	
		Texas GLO							X
		Vinton, LA				X	X		
		Westlake, LA				X	X		
2020	Demo Project	Friendswood, TX			X				
2020	Hurricane Hanna	GLO, Texas							X
2020	T.S. Cristobal	Dauphin Island, AL							X
		Harrison Co., MS							X
2019	Tropical Storm Imelda	Montgomery Co, TX				X	X		
2019	Misc. & Special Project	Fort Myers Beach, FL							X
		Dickinson, TX							X
2018	Hurricane Michael	Apalachicola, FL					X		
		Bay Co, FL					X		X
		Dauphin Island, AL							X
		Dog Island, FL			X				
		Franklin Co, FL				X	X		
		Mexico Beach, FL							X
2018	Hurricane Florence	Bald Head Island					X	X	
		Duplin Co, NC					X	X	
		North Topsail Beach, NC							X
2018	Other Projects	Dauphin Island, AL							X



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Year	Event	Client / Location	Abandoned Vehicles / Machinery	Dead Animal Removal	Demo / Asbestos Materials	E-Waste	Freon / White Coats	HHW	Waterway - Sand / Beach / Wet
		Eastern Shipbuilding Group							X
		Orange Beach, AL							X
		TNC-The Nature Conservancy							X
2018	Red Tide / Fish Kill	Barrier Island Park, Boca Grande, FL							X
		Collier Co, FL							X
		Ft. Myers Beach, FL							X
		Lee Co, FL							X
		Sanibel, FL							X
		Sarasota Co, FL							X
2017	Hurricane Nate	Dauphin Island, AL							X
2017	Hurricane Irma	Apopka, FL							X
		Collier County, FL							X
		FL DEP – Waterway							X
		Kissimmee, FL				X			
		Orange Co, FL							X
		Tybee Island, GA					X		
2017	Hurricane Harvey	Alvin, TX				X	X	X	
		Aransas Co, TX					X	X	
		Baytown, TX				X	X	X	
		Brazoria Co, TX					X	X	
		Chambers Co, TX				X	X	X	
		Clear Lake Shores, TX				X	X	X	
		Dickinson, TX				X	X	X	
		Friendswood, TX				X	X	X	
		Galveston Co, TX				X	X		
		LaMarque, TX				X	X		
		League City, TX				X	X	X	
		Montgomery Co, TX				X	X	X	
		Nassau Bay, TX				X	X	X	
		Port Arthur, TX				X	X		
		Santa Fe, TX						X	
		Seabrook, TX					X	X	
		TX GLO							X
		Webster, TX				X	X	X	
		West Columbia, TX				X	X	X	
2016	Hurricane Matthew	Flagler Co, FL							X
		FL DEP							X
		Hilton Head Island, SC					X		X
2016	Flooding / Tornadoes	Central, LA						X	



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Year	Event	Client / Location	Abandoned Vehicles / Vessels	Dead Animal	Demo / Asbestos Materials	E-Waste	Freon / White Climate	HHW	Waterway - Sand / Beach / Wet
		Montgomery Co, TX				X	X		
		Ouachita Parish, LA				X	X		
		Newton Co, TX					X		
		Rowlett, TX				X	X		
2015	Storms / Flooding & Other Projects	SC DOT				X	X	X	
		Limestone Co, AL							X
		New Jersey DEP							X
		Orange Beach, AL			X				X
		Palm Cove (HOA), FL							X
		Pensacola, FL							X
		RBM Contracting Svcs, LLC							X
2014	Severe Storms & Flooding	AL Dept. of Transportation (ALDOT)							X
		AL Dept. of Conservation & Natural Resources (ADCNR)							X
		Blount Co., AL							X
		Limestone Co., AL							X
		Orange Beach, AL							X
2014	Other Projects	LaMarque, TX			X				
2013	TX Andrea	Gulf Shore, AL							X
2013	Other Projects	Walton Co, FL	X						X
2012	TS Beryl & Other Projects	Nassau Co, FL							X
		Motel 6, Mobile, AL		X					
		The Nature Conservancy, Alabama Chapter Coastal							X
2012	Hurricane Sandy	New Jersey	X				X		X
2012	Hurricane Isaac	Dauphin Island, AL							X
		Key West, FL							X
		Orange Beach, AL							X
		Walton Co, FL							X
2012	T. S. Beryl	Nassau Co., FL							X
2012	Other Projects	Motel 6, Mobile, AL							X
		Nature Conservancy, AL			X				
2011	Hurricane Irene	Dare Co, NC	X			X		X	
2010	DDBG Project & Other Projects	Prichard, AL		X					
		ALDOT							X
2010	BP Oil Spill Response	Baldwin Co, AL						X	X



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Year	Event	Client / Location	Abandoned Vehicles / Vessels	Dead Animal Removal	Demo / Asbestos Removal	E-Waste	Freon / White Copper	HHW	Waterway - Sand / Beach / Wet
		BP Exploration (AL Coast)						X	X
		Dauphin Island, AL						X	X
		Orange Beach, AL						X	X
2010	Other Projects	CDBG-Housing Demo- Prichard, AL			X				
2010	Other Projects	ALDOT, Mobile, AL							X
2009	TS Ida	Dauphin Island, AL							X
2008	Hurricane Ike	Bayou Vista, TX					X		
		Beaumont, TX				X	X		
		Dickinson					X		X
		Galveston Co, TX	X	X		X	X		X
		Jefferson Co, TX					X		
		Kemah, TX					X		
		LaMarque, TX					X		X
		League City, TX					X		
		Texas City, TX							X
		TX GLO	X						X
		Tiki Island, TX					X		X
2008	Other Projects	Bayou La Batre, AL			X				
		Pasco Co, FL							X
		Walton Co, FL	X						
2007	Other Projects	CDBG Project, Bayou La Batre, AL			X				
		Dade City, FL							X
		Pasco Co, FL							X
		NRCS Project - Plantation, FL							X
		Sanibel Island, FL							X
2005	Hurricane Wilma	Lee Co, FL							X
		North Miami Beach, FL							X
2005	Hurricane Rita	Calcasieu Parish, LA			X	X	X		
		Ft. Lauderdale, FL							X
2005	Hurricane Katrina	Biloxi, MS	X			X	X		X
		Gulf Shores, AL							X
		Gulf Port, MS	X						
		Hancock Co, MS	X						
		Jackson Co, MS							X
		Louisiana							X
		Orange Beach, AL							X
		Pascagoula, MS			X		X		X
		Walton Co, FL							X
2005	Hurricane Dennis	Destin, FL							X



Year	Event	Client / Location	Abandoned Vehicles / Trucks	Dead Animal Removal	Demo / Asbestos Material	E-Waste	Freon / White Crude	HHW	Waterway - Sand / Beach / Wet
		Escambia Co, FL			X				
		NRCS Watershed Pasco Co, FL							X
		Wakulla Co, FL					X		
		Walton Co, FL							X
2005	Other Projects	Desoto Co, FL							X
		Escambia Co., FL					X		
2004	Hurricane Ivan	Pascagoula, MS							X
		Walton, Co. , FL					X		

FEMA Experience

The Public Assistance Grant Program is FEMA's largest grant program providing funds to assist communities responding to and recovering from disasters declared by the President. These grants support critical recovery initiatives and provide public services and stimulate the economy following a disaster. Being FEMA's largest grant program, continuous agency monitoring and tweaking of policy and procedure that govern the utilization of these funds is expected. For this reason, CrowderGulf officials are diligent in keeping informed on policy and regulatory changes that directly impact the debris removal and disposal processes. The majority of CrowderGulf's work experience (95%) has been with Clients (State, County and Municipal jurisdictions) that applied for and utilize Public Assistance (PA) grant funding for recovery reimbursement. CrowderGulf spends numerous hours reviewing policy and attending trainings and meetings with FEMA and other regulatory agencies in order to effectively develop and implement best practices for our Company. Our diligence in following policy guidelines and adhering to regulations enables our team members to provide the best service to our clients. We created and follow our debris management plan in every disaster response. Our Disaster Management plan was designed to not only streamline and standardize our Company's disaster response but it was structured around the policies and procedures that support our client's ability to receive maximum reimbursement. Our plan coupled with our desire to employ those individuals that not only know the policies but also worked in the development and enforcement of the policy help strengthen our team and our ability to assist our clients not only in matters of debris removal and recovery but also in documentation and reimbursement.

Our many years in the debris industry coupled with the completion of hundreds of disaster recovery projects spanning 50+years, CrowderGulf has developed solid working relationships with numerous State and Federal Agencies that play vital roles in establishing and implementing recovery response and recovery policy. as well as other key agencies involved in disaster response and recovery, including FEMA, the U.S. Army Corps of Engineers (USACE), the United States Coast Guard and U.S. Fish and Wildlife. The knowledge and experience of CrowderGulf's Management Team regarding federal, state and local regulatory guidelines is derived from our team members' many years of experience and previous positions in Alabama, Florida, Louisiana and Texas local and state government. Gulf Coast Team Members include: **John Campbell**, previous Operations Chief for Lee County, Florida, **Barrett Holmes**, CrowderGulf's Eastern Regional Manager.



Mr. Holmes was the Senior Manager / Defense Coordinating Officer for the **Federal Emergency Management Agency (FEMA), Region IV**, Atlanta, GA. **Leigh Anne Ryals, CrowderGulf Quality Control and Emergency Management Specialist** has 21 years in Emergency Management with 18 Federally Declared Disasters. Her experience in working with **FEMA Region IV** and her specific knowledge of the FEMA public assistance program has been of valuable use to our Clients. Her experience includes FEMA policy and application, project worksheet formulation, Pilot Program implementation and documentation requirements. Ms. Ryals has had first-hand experience in the FEMA/Office of Inspector General Audit Process. **Mr. Raymond Buddy Young**, CrowderGulf Regional Director has been in the debris removal business for over 35 years. He served as **Regional Director of Federal Emergency Management Agency (FEMA) Region VI from 1993-2001**. He brings a wealth of knowledge in helping Clients deal with disasters and the Reimbursement Process. He has been involved in all of CrowderGulf's activations within the past 25 years and was invaluable working in Calcasieu Parish after Hurricane Katrina caused devastating damage to the area. **Mr. Gary Jones**, CrowderGulf Technical Assistance Manager has been involved in debris removal operations for over 30 years. He served as **Deputy Regional Director of FEMA Region VI for 17 years**. And, Dr. Margaret Wright, Director of Documentation, has worked with CrowderGulf since 2003 to ensure that all clients are provided complete and accurate documentation for FEMA reimbursement.

Dr Wright helped train our documentation team, as well as providing direct assistance to Clients when they were being audited by FEMA. Our Team's previous work experience and expertise throughout the Gulf Coast is invaluable to our Clients and the overall success of our Company. As the field work is completed, FEMA auditing will begin, which is often a more daunting task than the actual debris removal. CrowderGulf has successfully worked with many monitoring companies as well as directly with municipalities to ensure that all documentation is complete and correct. Throughout any invoicing and auditing process, we are responsive to all FEMA and applicant/client requests. Because of our responsible record keeping, we are able to provide documentation and answer questions with a very quick turnaround. This becomes extremely important when the applicant/client is trying to get reimbursed by FEMA.

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:

- 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 City 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.



CrowderGulf has worked the following Texas Federal Disaster Events over the last **15+ years**. Additional information regarding the types of debris removed, quantities and points of contact may be obtained from our Past Performance submitted previously in this section:

Texas Activations Involving Federal Declarations & FEMA Reimbursement

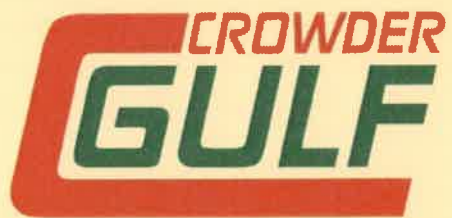
EVENT	County / Municipality		
2021 Hurricane Nicholas	Angleton	Clute	Lake Jackson
	Brazoria	Holiday Lakes	West Columbia
2020 Hurricane Hannah	GLO - Texas		Nueces County
2019 Tornado	Richardson		
2019 Tropical Storm Imelda	Montgomery County		
2017 Hurricane Harvey	Alvin	Aransas County	Brazoria County
	Chambers County	Clear Lake Shores	Corpus Christi
	Dickinson	Friendswood	Galveston
	Ingleside	Jones Creek	LaMarque
	League City	Liberty	Montgomery
	Nassau Bay	Newton County	Nueces County
	Port Arthur	San Patricio County	Santa Fe
	Seabrook	Texas GLO	Webster
	West Columbia		
2016 Flooding / Tornadoes	Montgomery County	Waller County	
2016 Tornado	Rowlett		
2015 Tornado	Friendswood		
2015 Flooding	Blanco County	Republic Services, Corpus Christi	
2008 Hurricane Ike	Alvin	Angleton	Bayou Vista
	Beaumont	Brazoria County	Brookside Village
	Chambers County	Clear Lake Shores	Clute
	Deer Park	Dickinson	Freeport
	Friendswood	Galveston County	Galveston Co. Mainland and Bolivar Peninsula
	Galveston Co. Municipal Utility	Jefferson County	Kemah
	LaMarque	League City	Manvel
	Montgomery County	Pearland	Santa Fe
	Texas City	Texas GLO	Tiki Island
	Webster	Westlake	
2005 Hurricane Rita	Dickinson	Jefferson County	



Texas FEMA Specialists:

Mr. Raymond Buddy Young, CrowderGulf Regional Director has been in the debris removal business for over 35 years. He served as **Regional Director of Federal Emergency Management Agency (FEMA) Regional VI from 1993-2001**. He brings a wealth of knowledge in helping Clients deal with disasters and the Reimbursement Process. He has been involved in all of CrowderGulf's activations within the past 25 years and has been invaluable working in the state of Texas.

Mr. Gary Jones, CrowderGulf Technical Assistance Manager has been involved in debris removal operations for over 30 years. He served as **Deputy Regional Director of FEMA Region VI for 17 years**. Our Team's previous work experience and expertise throughout Texas and the Gulf Coast is invaluable to our clients and the overall success of our Company.



TAB B – Project Methodolgy



City of League City, TX
RFP #22-024 for Debris Management Services



B. Project Methodology

Principles of Project Management

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 City's Debris Manager at least 48 hours prior to a hurricane making landfall or immediately upon the occurrence of any debris generating event within the City of League City. Within 12 hours of receiving a NTP, CrowderGulf will have our Management team report to the City representative for operations planning and mobilization of personnel and equipment. Mobilization for PUSH operations will begin within 12-24 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 the City of League City. The DMS may, if required to meet the needs of the City, operate 24 hours per day.

Reimbursement Assistance

CrowderGulf's debris management staff consists of previous FEMA Regional Directors and Deputy Directors, City and City 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 City 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 the City of League City 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 the City of League City 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 City's Emergency Operations Center, but also ensures maximum quality control by limiting the span of supervision for individual field managers. Each of these key roles identified below is critical to an effective CrowderGulf emergency debris response and must possess a high degree of professional experience, skill, and leadership ability.

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 the City of League City needs and requests.

Audio/Visual Presentations

CrowderGulf has the capability to generate audio and video presentations to help the City 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.*



Debris Scenarios

The City has requested information regarding CrowderGulf's ability to respond and mobilize resource as it relates to the given scopes of work. The following scenarios and response plans are provided as examples of CrowderGulf's ability to respond to any disaster with the appropriate commitment of human and physical resources. Immediately following the information provided for the requested scenarios, CrowderGulf has provided our Debris Management Plan. This plan includes our company plan for response to any and all contract activations along with mobilization information, contract management and debris recovery and disposal information as requested by the City.

CrowderGulf's **Debris Operations Plan**, found immediately following the debris scenario information, further outlines specific details of field operations for both response and recovery. Additionally, for all activations, **CrowderGulf is committed to meeting all program standards as specified in the City's RFP.**

SCENARIO 1. SPOT JOBS – LOCALIZED

Response

For this type of event, CrowderGulf will use its local resources to meet the City's project needs. Regardless of the scope of work we will provide experienced managers with the proper equipment and necessary resources needed by the City. If required, we will have resources and manpower capable of clearing critical routes and removing hazardous leaners and hangers within 12 hours of a Notice to Proceed (NTP). An experienced Project Manager will arrive on-scene within 8 hours of notification of need and begin a damage assessment as directed by the City. 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 City's Debris Manager, will prepare a response plan delineating specific equipment and personnel needs to accomplish the City's objectives. Depending on the scope of work in this scenario, the response plan will be complete and ready for City approval within 12-24 hours. Based on preliminary discussions with the City and the City'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 City (City's representative) to measure debris hauling trucks and ensure that all documentation requirements are met for each load of debris.



VA crews during Push work after Hurricane Isabel, 2003.

Field Supervisors, quality control and safety personnel will oversee and document each work site and provide close coordination between the field work and the City. CrowderGulf's Project Manager will provide status reports to the City. All of CrowderGulf's debris removal efforts will be documented daily and available to the City to review via a secure website. This type of transparency and accountability enables the City 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 City 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
- One - 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.

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 **FEMA Guidelines**. Our documentation may include; before and after photographs of the damaged areas, 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 City'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 City's Debris Manager to gage the progress and plan for continued debris removal efforts. All documentation will be reviewed and reconciled with the City 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.

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.



CrowderGulf's work for Berkeley County, SC, after the 2014 ice storm is an example of a job requiring specific, detailed documentation, and involving removing hanging limbs and leaning trees, hauling and disposal of the resulting vegetative debris. During this project, hanging limbs were removed from over **19,000** trees which produced **179,300** cubic yards of vegetative debris that was removed and taken directly to the disposal site. This work utilized 9 tree crews and 9 hauling crews consisting of 19 debris hauling trucks, and was completed in a little over two months.



SCENARIO 2. SMALL EVENT – WIDESPREAD OR CITYWIDE

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 City 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 City. If requested, we will have a project manager present in the City's Emergency Operation Facility prior to the event. After conducting a damage assessment, CrowderGulf will start its forces in numerous areas throughout the City. 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, knuckleboom 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 City) 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 48-72 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. 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 City will be provided with all necessary documentation on the site reclamation.



All work will be conducted and documented in compliance with all **FEMA Public Assistance Program and Policy Guidelines (incorporating FEMA PAPPG)**.

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 Project Manager, 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 CITYWIDE

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 the City'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 City's requirements and in accordance with environmental regulations. All work will be conducted and documented in compliance with all **FEMA** regulations.

ACTUAL EXAMPLES



This type of event is similar to the operation we successfully completed in 2017 for the City of 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 CITY WIDE

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 (If the City wishes to separate the debris vs a direct haul to final disposal). 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 EXAMPLES

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. Brian Smallwood, Texas Regional Manager for CrowderGulf, along with Terry Byrd, Friendswood Emergency Management Coordinator & Fire Marshall and Brian Mansfield, Deputy Director of Emergency Management established a goal to start operations on September 6th to remove



and dispose of debris from the estimated 3,000 homes that were flooded. 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. 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 all **FEMA** regulations.

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

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 City'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 City and crews assigned to each of the damaged areas so that debris will be removed concurrently in all areas of the City. 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 City. Updates will be given to local personnel by our senior managers every morning and our experienced marketing team can assist the City with public notices via radio, newspaper and TV, if requested. All work will be conducted and documented in compliance with all **FEMA** regulations.

All documentation will be available online for review by the City. Updates will be given to local personnel by our senior managers every morning and our experienced marketing team will assist the City with public notices via radio, newspaper and TV, if requested.

ACTUAL EXAMPLES

Polk County, FL experienced a Scenario 5 event after Hurricane Irma in 2017. CrowderGulf removed 2,370,172 cubic yards from Polk County alone, in just a few months' time. The damage from the hurricane was spread throughout numerous counties in FL and required significant resources to be deployed quickly. CrowderGulf had tremendous success in the recovery effort and holds valued relationships with all the communities affected.

Overall we removed, reduced and disposed of 10,984,801 cubic yards of debris in Florida alone after Irma all the while, working in the State of Texas to complete the removal and disposal of 5,113,917 cubic yards of debris for 26 contract activations following Hurricane Harvey. 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-ways. 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 had to be 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.

Debris Estimating Model for Planning Purpose

Example									
No. of Households based on population divided by 3				112,129					
				Category 1Category 2Category 3Category 4Category 5					
Number of households =		37,376	% Affected=	100	37,376	37,376	37,376	37,376	37,376
Category Factor				C	2	8	26	50	80
Vegetation Factor				V	1.5	1.5	1.5	1.5	1.5
Commercial Density				B	1.3	1.3	1.3	1.3	1.3
Precipitation				S	1.3	1.3	1.3	1.3	1.3
				Estimated Cubic Yards					
				189,496757,9852,463,4524,737,4087,579,853					
Debris Reduction Site Area Requirements									
Estimate 10,000 cy per acre storage volume				Acres Required					
				1976246474758					
Debris Classification									
Clean Woody Debris			70%	Cubic Yards	56,849	227,396	739,036	1,421,222	2,273,956
Mixed C&D			30%	Cubic Yards	132,647	530,590	1,724,417	3,316,186	5,305,897
Mixed C&D			Burnable	42%	Cubic Yards	55,712	222,848	724,255	1,392,798
			Soil	5%	Cubic Yards	6,632	26,529	86,221	165,809
			Metals	15%	Cubic Yards	19,897	79,588	258,662	497,428
			Landfill	38%	Cubic Yards	50,406	201,624	655,278	1,260,151
Asset Requirements									
Removal Rate per day per crew		1200	cy/day						
Number of days in contract		90	days	# of crews	3	8	24	46	73

Debris quantities are based on hypothetical calculations and in no way attempt to take into account community specific topography. (example: Communities with large tree canopy etc.) This information should only be used as a baseline planning tool. Windshield surveys and actual "boots on the ground" observations should be performed after every debris event. The information gathered in those observations should be the estimates used in developing a debris removal scope of work. Immediately following a debris generating event, CrowderGulf can assist in debris estimating. The amount of debris generated will dictate the number of debris management sites needed and the amount of manpower and equipment needed to meet debris removal and disposal expectations.

A typical debris removal crew consists of :

* one front loader or knuckle-boom

* four to five trucks or

* 1 self loader - 1-30/40cuyd truck/box or tandem with two boxes

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. CrowderGulf's corporate office is located at 5629 Commerce Blvd. East, Mobile, Alabama 36619. Additional Offices that will provide support to the project are located in Austin, and Denton, Texas

Project Management- Management Personnel will be assigned to the project at contract activation and remain with the project from activation through closeout. Project Management Personnel and supervisory staff will be a combination of Full time CrowderGulf staff and reservist employees,

Equipment- Initial / Emergency Push equipment will be pre-staged for immediate response for a known event or dispatched from our Austin and Denton Texas Offices. The exact number and type of specialty equipment needed will be determined by the amount of damage created / damage assessment and the project completion date as determined by the activation of the City of League City's Notice to Proceed.

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 the City of League City. 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 the City of League City. The CrowderGulf Director of Operations will assess the information received from the National Weather Service and in consultation with the City of League City’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 City's Debris Manager a minimum of 48 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 City's Debris Manager. Within eight hours of receiving the NTP, CrowderGulf management team will be working on site with the City 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.

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 the City of League City 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 City.
- 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.
-



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 Texas.



Subcontractor Information	Regional	TX	US. 2022
Number of Registered Subcontractors	<u>257</u>	<u>518</u>	3460
Subcontractor Equipment	Regional	TX	US. 2022
Dump Trucks (16-65)	181	3135	19005
Pick up w/ dump trucks	426	970	5054
Knuckle-boom trucks	363	631	3227
Wheel Loader 50hp – 150hp	417	818	6100
5 ton Pickup truck	461	1069	7635
Hydraulic Excavator 50hp-150hp	664	1145	7273
Trailer Mounted floodlight	284	413	1805
Low-bed Trailer w/ tractor	184	377	2310
Water Truck	101	195	1120
Air Curtain Burner	34	47	450
Backhoe w/ loader 15	223	3.97	1911
Dozer, 2-3 yd. blade/root rake blade D7	343	590	3876
Grader, Motor, 12 ft. blade 130-140hp	97	184	852
Chipper	42	128	1478
Tub Grinder 300-400 hp & 800-1000 hp	57	110	1051
Self-loading trucks	317	619	6465
Skid steer 40 hp – 80 hp	533	1246	8606
C&D Walking Floor 80-110 CY	96	235	2102
Mulch Trailer 80-110 CY	52	170	1505
Bucket Trucks	209	345	3231
Barges	81	117	1281
Work Boats	104	146	1569
Vacuum Trucks	243	297	1813

Texas Subcontractor Statistics	Regional	TX
Small Business	178	361
M/WBE, HUB, SDB or Veteran Certified	115	282
Push Crews	87	195
Debris Haulers	205	417
Marine Debris	17	31
Haul Outs	8	17
Grinding	10	23
Burning	5	7
Concrete Reduction	3	4
Recycling	4	9
Tree Work	7	18

Additional Subcontract information has been supplied in section Tab A, (Include a list of sub-contractors)



Staffing the Emergency Operations Center

CrowderGulf will commit a senior employee to be stationed in the City's Emergency Operations Center to coordinate plans for debris operations, communications and scheduling with the City's Emergency Management personnel. If requested by the City, 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 City. 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 City 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 computer/TV monitors, with copier/fax/scanner capability
- A conference room with a large table and a 42" monitor/TV with satellite and Wi-Fi



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 City personnel with our system radios.**

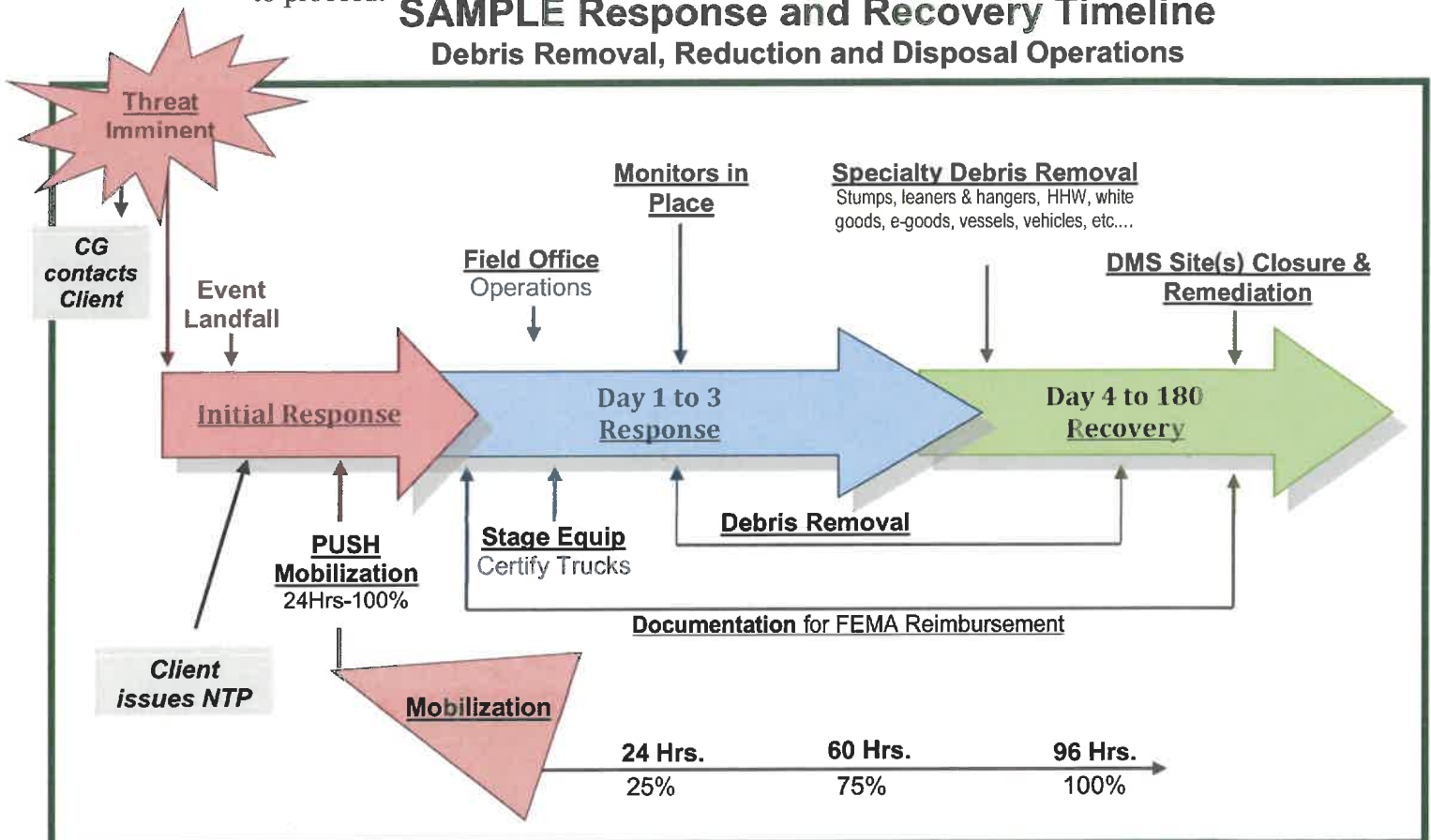


Sample Mobilization Parameters

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 City's Emergency Operations Manager 48-72 hours prior to a predicted disaster event.
- Providing an advance CrowderGulf representative to the City'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 City 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 City.
- 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 City 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 or sooner as determined by the City's notice to proceed.

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 City, 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. City 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, 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.

“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*

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. The following is an example 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 City 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 the City of League City.

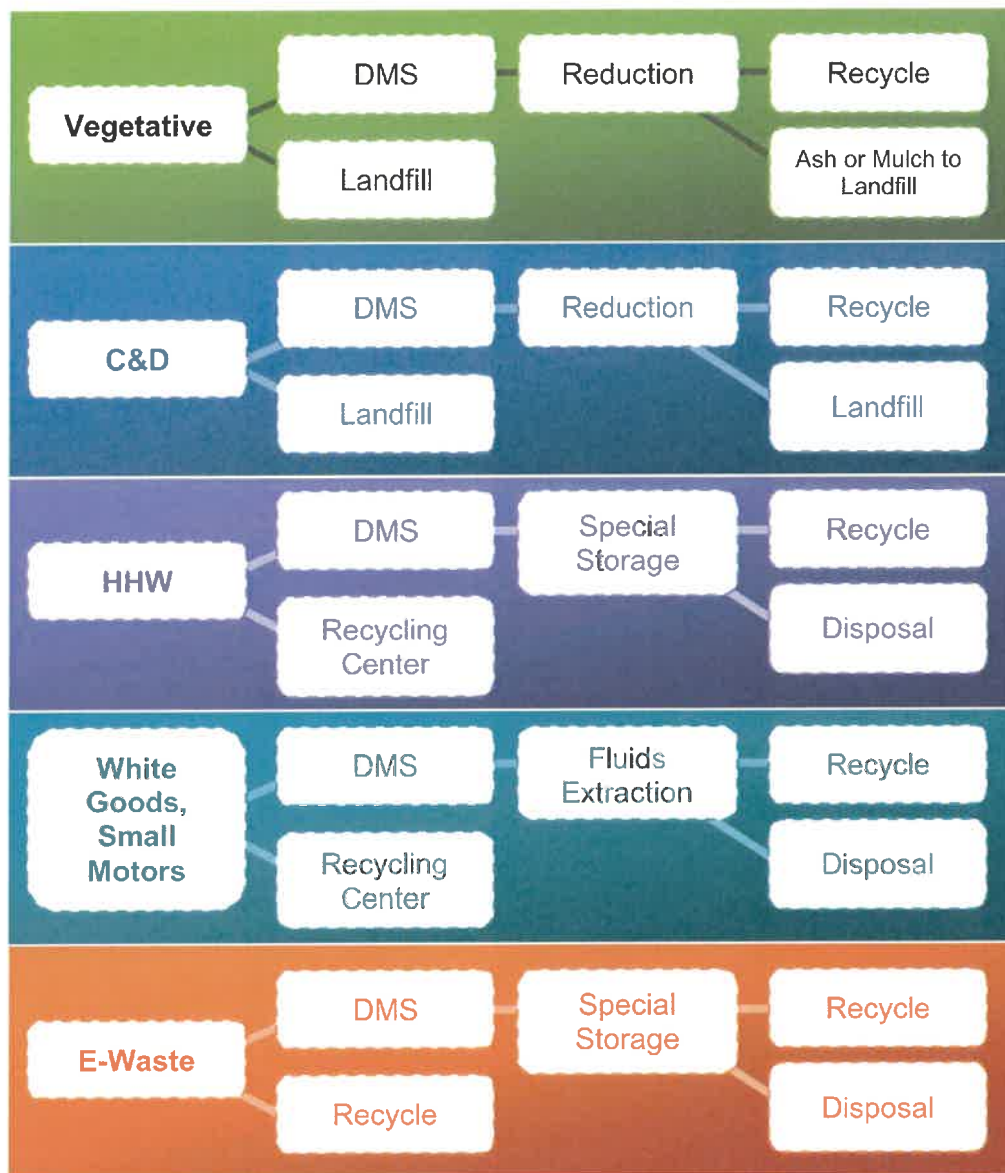
Curbside collection requires that only storm related debris be placed at the curb or public rights-of-way. *Source-segregated debris collection* offers the potential of high salvage value and efficient recycling/reduction processing. This method is important when collecting hazardous and environmentally 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

The City of League City will determine the scope of the debris to be managed under this contract. However, CrowderGulf is prepared to assist the City in hauling, reducing and disposing of all eligible debris types in accordance with FEMA Public Assistance Program and Policy Guide. 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 City or a City 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 City 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 the City of League City 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 City 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).



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.



**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.

On arriving at the disposal site, the driver will maneuver the hauling container for inspection by a City representative in the inspection tower. The load will be "called" by the City 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 City.

Number of Passes

CrowderGulf will make as many passes as the City 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 the City of League City 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 City.

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 City 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.

Citizens will be provided an avenue to report damages. One option will be a citizens' hot line. The City, 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 City and its citizens.

"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

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 the League City to identify and secure suitable locations. Specific Site Plans will be developed for each DMS either upon activation or upon request by the City, and will be in compliance with FEMA Public Assistance Program and Policy Guide 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 the City of League City, the DMS(s) may be restricted to City 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 City's Debris Management Plan, CrowderGulf will remove debris from those sites on a regular basis as directed by the City's Project Manager.

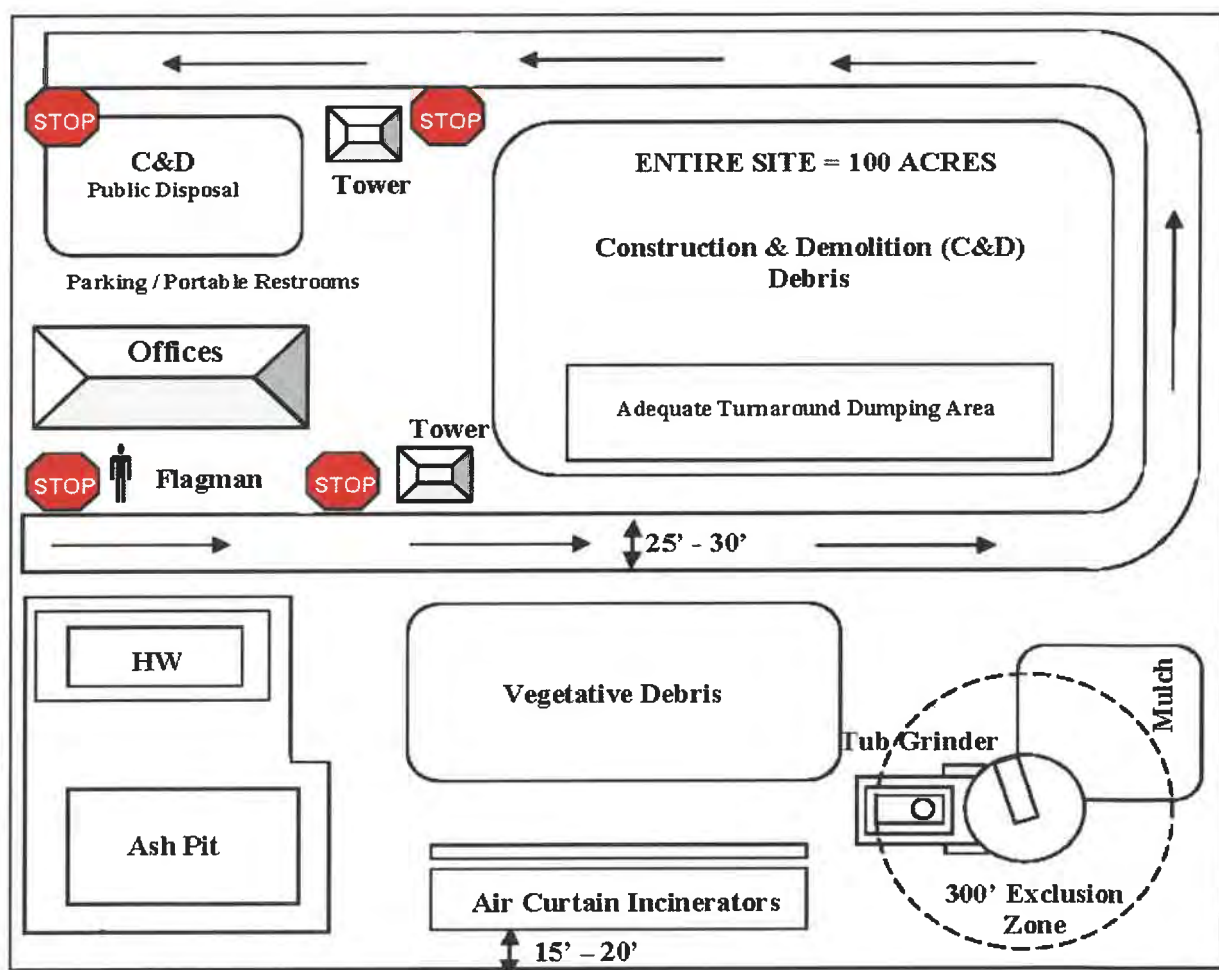
DMS Site Plan

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 Guide and all local, state and federal regulations and requirements.



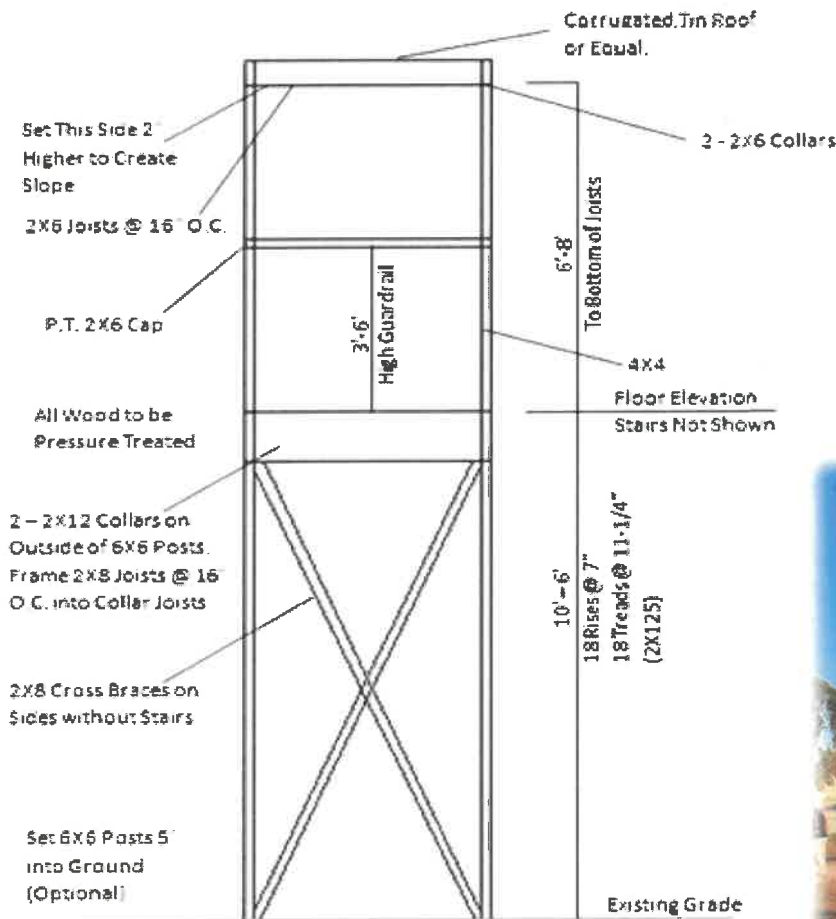
Inspection Towers

At no cost to the City of League City, 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 ¾" 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 ½" 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 City 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



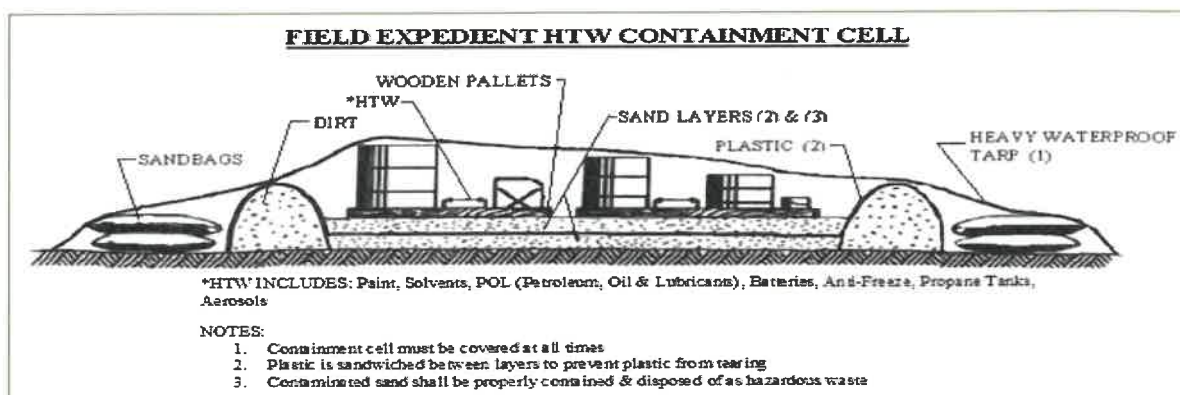
Hazardous Materials Containment Area

In accordance with FEMA Public Assistance and Program Policy Guide, 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 cove
- 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 City'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

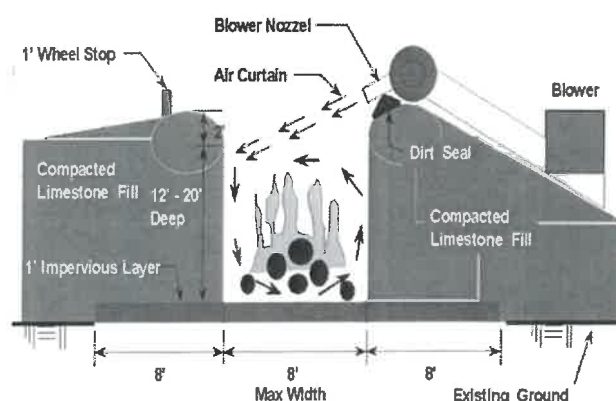
The chipping and grinding of vegetative debris reduces the volume by 75%. Many times clean chips will be recycled as bio-mass fuel. CrowderGulf is very experienced with chipping/grinding debris and has used this method in the majority of our disaster contracts for the past ten years. When grinding/chipping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



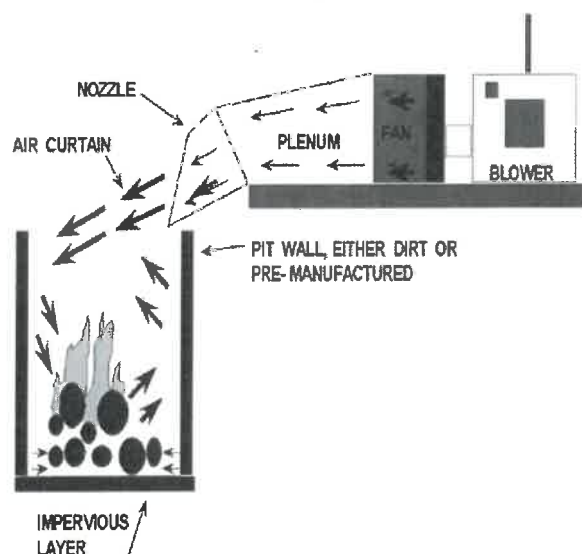
• Incineration

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 City. Burning vegetative debris can produce up to a 95% reduction rate. In those situations where air curtain incineration may be approved by the City, all environmental compliance and safety, concerns

Air Curtain Pit Burner



Overview of an Air Curtain Operation



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. 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 & City 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 City'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 (<i>if burning</i>)	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 City and in keeping with all federal, state and local laws. The current approved location of the final disposal will be: North County Landfill

2015 Wyoming Avenue
Dickinson, Texas 77539

Vegetative Debris

Based on the City'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 the City of League City 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 the City of League City, 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 City.



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 City 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 tornadoes 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 the City of League City.



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 City 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 City 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 City, 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 Guide will be 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.



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 City'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
- City 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
- City representative(s) at the temporary or final disposal site(s) inspection tower take the ticket from the driver and complete the disposal information
- City 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 Guide 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 City 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
Delete All Documents

% CY Ticket
Ticket Number: 50134-20181029085927
Disposal Date: 10/29/2018

Load Information
Truck No: 2064
Sub-Contractor: Gaston
Load Time: 8:59 AM
Project: 10-Bay Co

Disposal Information
Disposal Site: Bay Co - Frankford Rd DMS
Debris Type: Veg
Disposal Time: 9:20 AM
Truck Cap: 115
% Load: 70
Calc Load: 80.5
Scale Ticket No:
Tons: 0

Time - 1 pm - 1300 3 pm - 1500 5 pm - 1700 7 pm - 1900
2 pm - 1400 4 pm - 1600 6 pm - 1800 8 pm - 2000
Comments:

Administrative Use Only:
Document: WCG-FS1\Imaging\Access\0004F0DF.

Attach
Remove

Entered By: ANB
[Get Next Document](#)
☒ Finished
☐ FHWA Road

STORM

strategic tracking of recovery material

Cubic Yard Load Ticket

Ticket Number	50134-20181029085927
Project Number	10
Project Name	Bay County
Hauler Information	
Truck Placard ID	2064
Load Information	
QC Monitor ID	50134
Latitude	30.19607
Longitude	-85.69299
Date/Time	10/29/18 8:59 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 the City of League City, CrowderGulf and the City's 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 City requested data. These reports serve as a valuable tool to everyone in decision making throughout the recovery process.



We can provide the City 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 Debris Removal						FEMA-DR-4399-FL Hurricane Michael	
Daily Debris Removed Report							
Bay Co, FL							
DEBRIS REMOVED ON 12/22/2018			REPORT DATE			Tuesday, July 21, 2020	
Date	Truck #	Delivered To	Debris Type	Capacity	% Load	Load (CY)	
12/22/2018	50116-20181222065056	2038	Bay Co - Pete Edwards DMS	Veg	71.00	90	63.90
12/22/2018	50116-20181222065120	2039	Bay Co - Pete Edwards DMS	Veg	69.00	70	48.30
12/22/2018	50116-20181222074743	2038	Bay Co - Pete Edwards DMS	Veg	71.00	75	53.25
12/22/2018	50116-20181222074822	2039	Bay Co - Pete Edwards DMS	Veg	69.00	50	34.50
12/22/2018	50116-20181222090938	2038	Bay Co - Pete Edwards DMS	Veg	71.00	80	50.80
12/22/2018	50116-20181222091008	2039	Bay Co - Pete Edwards DMS	Veg	69.00	65	44.85
12/22/2018	50116-20181222104667	2038	Bay Co - Pete Edwards DMS	Veg	71.00	70	49.70
12/22/2018	50116-20181222104632	2039	Bay Co - Pete Edwards DMS	Veg	69.00	55	37.95
12/22/2018	50149-20181222082737	2016	Bay Co - Pete Edwards DMS	Veg	76.00	80	60.80
12/22/2018	50149-20181222082799	2017	Bay Co - Pete Edwards DMS	Veg	72.00	65	46.80
12/22/2018	50149-20181222071228	2016	Bay Co - Pete Edwards DMS	Veg	76.00	80	60.80
12/22/2018	50149-20181222071280	2017	Bay Co - Pete Edwards DMS	Veg	72.00	75	54.00
12/22/2018	50149-20181222074658	2016	Bay Co - Pete Edwards DMS	Veg	76.00	70	53.20
12/22/2018	50149-20181222074722	2017	Bay Co - Pete Edwards DMS	Veg	72.00	60	43.20
12/22/2018	50149-20181222084647	2016	Bay Co - Pete Edwards DMS	Veg	76.00	80	60.80
12/22/2018	50149-20181222084708	2017	Bay Co - Pete Edwards DMS	Veg	72.00	70	50.40
12/22/2018	50149-20181222093947	2016	Bay Co - Pete Edwards DMS	Veg	76.00	85	64.60
12/22/2018	50149-20181222094004	2017	Bay Co - Pete Edwards DMS	Veg	72.00	75	54.00
12/22/2018	50149-20181222103130	2016	Bay Co - Pete Edwards DMS	Veg	76.00	70	53.20
12/22/2018	50149-20181222109141	2017	Bay Co - Pete Edwards DMS	Veg	72.00	50	36.00
12/22/2018	50149-20181222110613	2016	Bay Co - Pete Edwards DMS	Veg	76.00	68	64.60
12/22/2018	50149-20181222110634	2017	Bay Co - Pete Edwards DMS	Veg	72.00	70	50.40
12/22/2018	50815-20181222062607	2279	BC HO CG Steel Field	C&D	100.00	95	95.00
12/22/2018	50815-20181222063501	2283	BC HO CG Steel Field	C&D	105.00	95	99.75
12/22/2018	50815-20181222064450	2285	BC HO CG Steel Field	C&D	95.00	95	90.25
12/22/2018	50815-20181222064717	2286	BC HO CG Steel Field	C&D	110.00	95	104.50
12/22/2018	50815-20181222070302	2284	BC HO CG Steel Field	C&D	100.00	95	95.00
12/22/2018	50815-20181222070328	2274	BC HO CG Steel Field	C&D	94.00	95	89.30
12/22/2018	50815-20181222072930	2278	BC HO CG Steel Field	C&D	94.00	95	89.30
12/22/2018	50815-20181222072930	2277	BC HO CG Steel Field	C&D	100.00	95	95.00
12/22/2018	50815-20181222074013	2257	BC HO CG Steel Field	C&D	113.00	95	107.35
12/22/2018	50815-20181222076454	2273	BC HO CG Steel Field	C&D	95.00	95	90.25
12/22/2018	50815-20181222081025	2237	BC HO CG Steel Field	C&D	101.00	95	95.95
12/22/2018	50815-20181222082609	2238	BC HO CG Steel Field	C&D	102.00	95	96.90
12/22/2018	50815-20181222091647	2279	BC HO CG Steel Field	C&D	100.00	95	95.00
12/22/2018	50815-20181222093658	2286	BC HO CG Steel Field	MURCH	110.00	95	104.50
12/22/2018	50815-20181222095256	2274	BC HO CG Steel Field	MURCH	94.00	95	89.30
12/22/2018	50815-20181222100330	2284	BC HO CG Steel Field	MURCH	100.00	95	95.00
12/22/2018	50815-20181222100614	2237	BC HO CG Steel Field	MURCH	101.00	95	95.95
12/22/2018	50815-20181222101807	2277	BC HO CG Steel Field	MURCH	105.00	95	99.75
12/22/2018	50815-20181222102445	2238	BC HO CG Steel Field	MURCH	102.00	95	96.90
12/22/2018	50815-20181222103613	2278	BC HO CG Steel Field	MURCH	94.00	95	89.30
Bay Co, FL							
Loads this Report: 42			Avg. Load Factor: 82.6			Daily Cu Yds	
						3,051.55	

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 City 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), and FEMA's Public Assistance Program and Policy Guide (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 City 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 City 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 City 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)
- Louisiana Department of Environmental Quality
- United States Coast Guard (USCG)
- United States Corps of Engineers (USACE)
- Louisiana Department of Health and Hospitals
- Louisiana Department of Transportation and Development

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

FEMA provides an additional incentive to sub grantees (counties/municipalities) to maximize reimbursement by utilizing Straight Time and Force Account Labor. CrowderGulf's Management Team is very experienced in working within the guidelines of FEMA's Public Assistance program. Currently, FEMA has removed the majority of the previous Pilot Program initiatives however they continue 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>
<p><u>Straight Time and Force Account Labor:</u></p> <p>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.</p>	<p>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.</p> <p>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.</p>

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 City 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 City'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 City & 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.

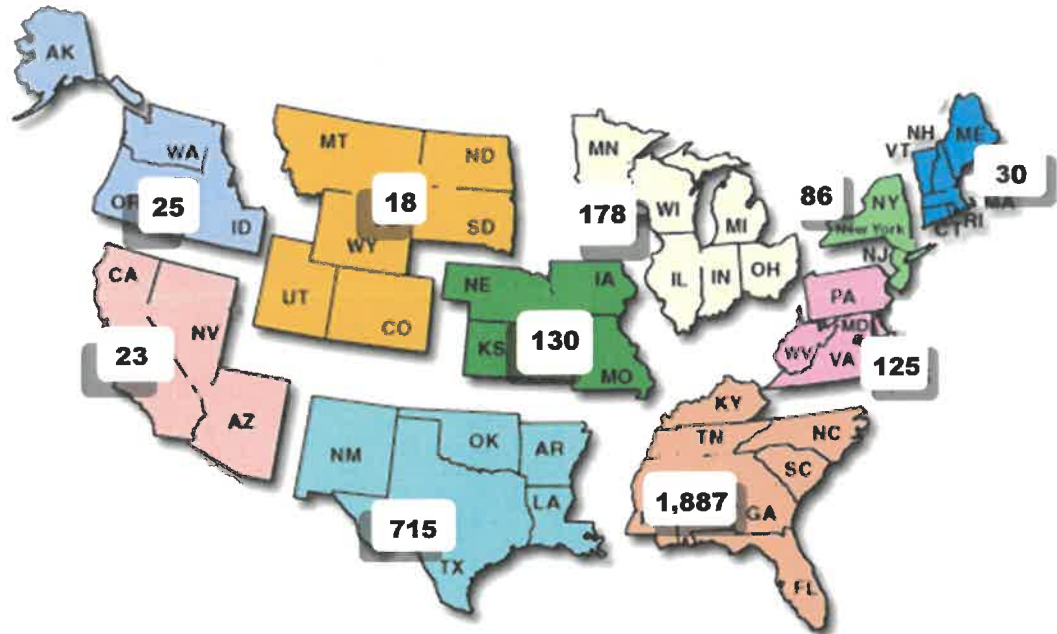
CrowderGulf also provides a more in depth session for the Clients who need training and plan development specific to their geographical location. CrowderGulf is experienced in assessing the needs of each Client and providing the knowledge and training needed for a successful event. In these situations, 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, City 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-a-side 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.

“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



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:

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.
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.

"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, Inc.

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 City 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 City, 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 City'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 Subcontractors – Provided in Tab 1. Qualifications and Experience.

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. 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.



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 Master Subcontract # 16_915	2020 Laura	Lake Charles, LA Dequincy, LA West Lake, LA	Calcasieu Parish, LA Iowa, LA Vinton, LA
	2020 Tornado	Nashville, TN	Chattanooga, TN
	2018 Michael	Bay Co, FL Jackson Co, FL Lynn Haven, FL	Panama City, FL Panama City Beach, FL
	2018 Florence	Duplin Co, NC	
	2017 Harvey	Aransas Co, TX Aransas Co, TX (PPDR)	Corpus Christi, TX San Patricio, TX
	2016 Matthew	Hilton Head Island, SC	Thunderbolt, GA
	2011 Tornado (MO)	Joplin, MO	
	2011 Irene	Dare Co, NC	
	2008 Ike	Bolivar Peninsula, TX League City, TX	Manvel, TX
	2005 Wilma	Ft. Lauderdale, FL	
All Florida Tree & Landscaping (Coral Springs, FL) (PUSH, ROW Hauling, L & H, ROE Hauling, Stumps, Beach/Sand)	2018 Michael	Panama City, FL	
	2017 Irma	Aventura, FL Jupiter, FL	Miami Springs, FL Stuart, FL
	2016 Matthew	Hilton Head Island, SC	Stuart, FL
	2012 Sandy	Ft. Lauderdale, FL	



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Subcontractor	Storm Event	Work Location	
18 Activations Master Subcontract # 12_9	2012 T.S. Isaac	Key West, FL	
	2011 Irene	Newport News, VA	
	2005 Wilma	Ft. Lauderdale, FL	Wellington, FL
		Lazy Lakes, FL	Wilton Manors, FL
		Sanibel, FL	
	2005 Rita	Ft. Lauderdale, FL	
	2005 Katrina	Ft. Lauderdale, FL	Pompano Beach, FL
Ault Enterprises LLC (Bark River, MI) (ROW Hauling, Waterway Debris Hauling) 12 Activations (Master # 16_794)	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)
	2017 Harvey	Corpus Christi, TX	
Barnhart Debris Removal (Magnolia, AR) (PUSH, ROW Hauling, Site Work, Haul Outs, L&H, White Goods) 10 Activations Master Subcontract # 17_1217	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
Beeghly Tree (Somerset, PA) (ROW Hauling, L&H) 6 Activations Master Subcontract # 20_1871	2017 Harvey	Franklin Co, FL	
	2020 Zeta	Biloxi, MS	D'Iberville, MS
	2020 Sally	AL DOT Baldwin Co, AL	Fairhope, 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
C & W Trucking, Inc. (Winter Garden, FL) (Haul Outs) 16 Activations Master Subcontract # 17_1292	2008 Ike	Montgomery Co, TX	
	2017 Irma	Casselberry, FL	Edgewood, FL
		Lake Mary, FL	Lake Co, FL
		Orlando, FL	Polk Co, FL
		Sanford, FL	
	2017 Harvey	Brazoria Co, TX	Montgomery Co, TX
	2012 Tornado	Polk Co, FL	
	2008 T.S. Fay	Brevard Co, FL	
	2005 Wilma	Aventura, FL	West Palm Beach, FL
	2004 Charley, Frances, Jeanne	Brevard Co, FL Jupiter, FL	Orange Co, FL
Central MN Hardwood Sales, LLC (St Peter, MN) (ROW, Stumps, PUSH) 9 Activations Master Subcontract # 17_1048	2017 Irma	Lake Co, FL	
	2008 Ike	Bolivar, TX	Montgomery Co, TX
		Galveston Co, TX	Tiki Island, TX
	2006 Nor'easter	Erie Co, NY	
	2005 Wilma	Aventura, FL	Pembroke Pines, FL
Congo Corporation (Redmond, OR) (White Goods) 3 Activations Master Subcontract # 17_1025	2005 Katrina	Pascagoula, MS	
	2017 Harvey	Friendswood, TX LaMarque, TX	Montgomery Co, TX
Crooked River LLC (Trimble, MO) ROW Hauling 2 Activations Master Subcontract # 17_1039	2018 Michael	Panama City, FL	
	2017 Harvey	Dickinson, TX	



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Subcontractor	Storm Event	Work Location	
DEH Disaster Recovery LLC (Ft. Valley, GA) (ROW Hauling, L&H, Stumps) 21 Activations Master Subcontract # 14_497	2020 Sally	Baldwin Co, AL	Fairhope, AL
	2018 Michael	Decatur Co, GA	Bainbridge, GA
	2018 Florence	Bald Head Island, NC Bolivia, NC Brunswick Co, NC Caswell Beach, NC Leland, NC	Northwest, NC Oak Island, NC Shallotte, NC Varnamtown, NC
	2017 Harvey	Aransas Co, TX Corpus Christi, TX	Nueces Co, TX
	2016 Matthew	Hilton Head Island, SC	
	2016 Hermine	Leon Co, FL	Tallahassee, FL
	2014 Ice Storm Pax	Berkeley Co, SC	Dorchester Co, SC
	2020 Zeta	Gulfport, MS	
	2020 Sally	Fairhope, AL	Orange Beach, AL
	2020 Laura	Lake Charles, LA West Lake, LA	Calcasieu Parish, LA
Dawn Til Dusk Disaster LLC (Bethany, MO) (PUSH, ROW Hauling, Stumps, L & H, ROE Hauling, Beach/ Sand) 29 Activations Master Subcontract # 12_133	2020 Tornado	Nashville, TN	
	2019 Imelda	Montgomery Co, TX	
	2018 Michael	Panama City, FL	
	2018 Florence	Duplin Co, NC Onslow Co, NC	Jacksonville, NC
	2017 Harvey	Aransas Co, TX	Corpus Christi, TX
	2017 Mississippi Tornado	Hattiesburg, MS	
	2016 Matthew	Deltona, FL	
	2016 LA Flooding	Ouachita Parish, LA Central, LA	
	2016 Texas Flooding / Misc.	Montgomery Co, TX Waller Co, TX	Newton 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	Kitty Hawk, NC Nags Head, NC
	2008 Ike	Montgomery Co, TX	
	2005 Katrina	Pascagoula, MS	
	2020 Laura	Lake Charles, LA	Calcasieu Parish, LA
	2018 Michael	Bainbridge, GA Decatur Co, GA	Panama City, FL
	2018 Florence	Holly Ridge, NC Onslow Co, NC	Richlands, NC
Dotson & Sons (Higbee, MO) (ROW Hauling, L & H, Stumps) 27 Activations Master Subcontract # 16_725	2017 Irma	Bonita Springs, FL	Lee Co., FL
	2017 Harvey	Aransas Co, TX Corpus Christi, TX	Montgomery Co, TX San Patricio Co, 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 Pascagoula, MS	Wilton Manors, FL Pompano Beach, FL
	2004 Ivan	Escambia Co, FL	
	2004 Charley, Frances, Jeanne	Lee Co, FL Orlando, FL	Sanibel, FL
	2018 Florence	Jacksonville, NC North Topsail Beach, NC	Onslow Co, NC
	2017 Irma	Chatham Co, GA	
	2016 Matthew	Currituck Co, NC Duplin Co, NC Raleigh, NC	Rose Hill, NC Sunset Beach, NC
Four Points Recycling (Jacksonville, NC) (ROW Haul) 9 Activations Master Subcontract # 16_833			



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Subcontractor	Storm Event	Work Location	
Four R Equipment (Miramar, FL) (ROW Hauling, Haul Outs) 13 Activations Master Subcontract # 12_173	2020 Laura	Calcasieu Parish, LA	
	2018 Michael	Panama City, FL	
	2017 Irma	Miami Springs, FL	FL DEP Waterway Cleanup
	2016 Matthew	FL Dept. of Enviro Protection	Edgewater, FL
	2016 Hermine	Tallahassee, FL	
	2014 Pax (Ice Storm)	Dorchester Co, SC	
	2011 Irene	Newport News, VA	
	2008 Ike	Bolivar Peninsula Kemah, TX	League City, TX
Gaston / Wood Resource Recovery (Gainesville, FL) (PUSH, ROW Hauling, Stumps, L & H, DMS Grinding, Haul Outs) 20 Activations Master Subcontract #s 17_1468 / 20_1869	2005 Wilma	Pembroke Pines, FL	
	2020 Sally	AL DOT SW Region	AL DOT SW Region
	2020 Tornado	Volusia Co, FL	
	2018 Michael	Bay Co, FL Panama City, FL	Jackson Co, FL
	2017 Irma	Fl. DEP Waterway Cleanup Flagler Beach, FL Flagler County, FL Ormond Beach, FL	Palm Coast, FL Polk Co, FL St. Petersburg, FL Tarpon Springs
	2016 Matthew	Clay County, FL Flagler Beach, FL Flagler County, FL	Orange Park, FL Ormond Beach, FL Palm Coast, FL
	2020 Zeta	Gulfport, MS	
	2020 Laura	West Lake, LA	Calcasieu Parish, LA
Gotus Trucking (Harrisville, PA) (ROW Hauling, L & H, Stumps) 23 activations Master Subcontract # 16_666	2020 Isaias	Newport News, VA	
	2020 Tornado	Nashville, TN	Chattanooga, TN
	2019 Imelda	Montgomery Co, TX	
	2019 Dorian	Dorchester Co, SC	
	2018 Michael	Panama City, FL	
	2018 Florence	Fayetteville, NC	
	2017 Harvey	Aransas Co, TX Corpus Christi, TX	Nueces Co, TX
	2016 Matthew	Chesapeake, VA Currituck Co, NC	Fayetteville, NC Norfolk, VA Southern Shores, NC
	2016 LA Flooding	Central, LA	
	2016 Tornado	Essex Co, VA	
	2005 Wilma	Ft. Lauderdale, FL Wilton Manors, FL	Lazy Lakes, FL
	2005 Katrina	Pembroke Pines, FL	
	2020 Sally	AL DOT SW Region Baldwin Co, AL	Gulf Shores, AL Orange Beach, AL
Gulf Atlantic Construction & Marine (Grand Bay, AL) (DMS Site Work, Haul Outs, Sand, Dredging, Waterway, ROW Hauling) 13 Activations Master Subcontract# 17_1052	2020 Cristobal	Harrison Co, MS	
	2018 Michael	Bay Co, FL Dauphin Island, AL	Panama City, FL Mexico Beach, FL
	2017 Irma	Lake Co, FL	
	2017 Harvey	Baytown, TX	Brazoria Co, TX
	2017 Nate	Dauphin Island, AL	
Gulf Services (Theodore, AL) (PUSH, ROW Hauling, L&H, Stumps, Site Mgt. Ditch work, PPDR) 7 Activations Master Subcontract # 12_191	2020 Laura	Lake Charles, LA Sulphur, LA	Calcasieu Parish, LA
	2018 Michael	Bay Co, FL Lynn Haven, FL	Panama City, FL Washington Co, FL
H2 Construction LLC (Waverly, MO) (ROW hauling, L & H, Stumps) 8 Activations Master Subcontract # 14_219	2018 Michael	Lynn Haven, FL	
	2017 Harvey	League City, TX	Nassau Bay, TX
	2017 Tornado	Hattiesburg, MS	
	2016 Matthew	Liberty Co, GA	Port Wentworth, GA
	2016 LA Flooding	Central, LA	



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Subcontractor	Storm Event	Work Location	
Hauling Away LLC (Mobile, AL) (PUSH, ROW Hauling, L&H, ROE Hauling, Stumps, Grinding, Haul Outs, Sand, Demo, Waterway Debris) 77 Activations Master Subcontract # 12_223	2014 Ice Storm Ulysses	Greensboro, NC	
	2020 Hanna & Beta	Texas General Land Office (GLO)	
	2020 Zeta	Gulfport, MS	
	2020 Sally	AL DOT SW Region	Gulf Shores, AL
		Baldwin Co, AL	Orange Beach, AL
	2020 Laura	Lake Charles, LA	Calcasieu Parish, LA
		Sulphur, LA	West Lake, LA
		Vinton, LA	West Calcasieu Port, LA
	2020 Cristobal	Dauphin Island, AL	
	2020 Tornado	Nashville, TN	Chattanooga, TN
	2019 TX Tornado	Richardson, TX	
	2019 Dorian	Dorchester Co, SC	
	2019 Imelda	Montgomery Co, TX	
	2018 Michael	Bay Co, FL	Jackson Co, FL
		FL Dept. of Enviro. Protection	Panama City Beach, FL
		Bainbridge, GA	Panama City, FL
			Decatur Co, GA
	2018 Florence	Jacksonville, NC	Onslow Co, NC
		North Topsail Beach, NC	
	2018 Florida Red Tide	Collier Co, FL	Fort Myers Beach, FL
		Sanibel Island, FL	
	2017 Irma	Collier Co, FL	Kissimmee, FL
		FL DEP Waterway Cleanup	Okeechobee Co, FL
		Hilton Head Island, FL	Polk Co., FL
	2017 Harvey	Aransas Co, TX	Corpus Christi, 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 Island, SC
		Hilton Head Plantation POA, SC	
	2016 LA Flooding	Central, LA	Ouachita Parish, LA
	2016 Texas Flooding / Misc.	Newton Co, TX	Waller Co, TX
		Montgomery Co, TX	
	2016 Maintenance	Corpus Christi, TX	
	2016 Tornado	Rowlett, TX	
	2015 Flooding- Alabama	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	Republic Services, TX
		Corpus Christi, TX	Friendswood, TX
	2015 Severe Storm AL	Limestone Co, AL	
	2014 Tornado	Blount Co, AL	Limestone Co, AL
	2014 Maintenance	Corpus Christi, TX	
	2014 Pax (Ice Storm)	Dorchester Co, SC	Berkeley Co, SC
	2013 T.S. Andrea	Gulf Shores, AL	
	2012-2013 Sandy	NJ DEP	
	2012 Isaac	Biloxi, MS	Magnolia, MS
		Dauphin Island, AL	Pascagoula, MS
		McComb, MS	
	2012 Miscellaneous	The Nature Conservancy, AL	
	2012 Tornado	Motel 6 - Mobile, AL	
	2011 Irene	Rocky Mount, NC	
HDR Trucking LLC (Bamberg, SC) (PUSH, ROW Hauling, Haul Outs, L & H, Demo)	2020 Zeta	Harrison Co, MS	Gulfport, MS
	2018 Michael	Bay Co, FL	Jackson Co, FL
		Decatur Co, GA	Bainbridge, GA
	2017 Irma	Brevard Co, FL	Okeechobee Co, FL
		Kissimmee, FL	Polk Co, FL



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Subcontractor	Storm Event	Work Location	
19 Activations Master Subcontract # 14_219		Lake Co, FL	Sumter Co, FL
	2016 Matthew	Callawassie Island, SC Fripp Island, SC Hilton Head Island, SC	Hilton Head (POA) SC Windmill Harbour, SC
	2016 Hermine	Lean Co, FL	Tallahassee, FL
Jerry's Tree Service (Mims, FL) (ROW Hauling) 12 Activations Master Subcontract # 14_240	2018 Florence	Onslow Co, NC	
	2017 Irma	Orange Co, FL	
	2016 Matthew	Flagler Co, FL	Flagler Beach, FL
	2016 Hermine	Leon Co, FL	
	2014 Ulysses – Ice Storm	Greensboro, NC	
	2012 FL Tornado	Republic Services - Polk Co, FL	
	2012 T.S. Beryl	Nassau Co, FL	
	2011 Irene	Manteo, NC	Nags Head, NC
	2008 Ike	Montgomery Co, TX	
	2008 Fay	Brevard Co, FL	
JTL & S Property Preservation (League City, TX) (ROW Hauling, L & H, White Goods, Freon Management) 21 Activations Master Subcontract # 17_1020	2020 Laura	Dequincy, LA Lake Charles, LA West Lake, LA Vinton, LA	Calcasieu Parish, LA Iowa, LA Sulphur, LA
	2020 TX Winter Storm	Friendswood, TX	
	2020 Tree work	Galveston Co, TX	
	2019 Marine work	Clean Harbors	
	2019 Tornado	Montgomery Co, TX	
	2017 Harvey	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
	2020 Sally	Baldwin Co, AL	
	2020 Laura	Lake Charles, LA West Lake, LA Vinton, LA	Calcasieu Parish, LA West Calcasieu Port, LA Iowa, LA
	2020 Tornado	Nashville, TN	Chattanooga, TN
	2018 Michael	FL Dept. of Enviro. Protection Lynn Haven, FL	Panama City, FL Parker, FL
Lawn Rescue Plus (Miami, FL) (ROW Hauling, L & H, HaulOuts, Stumps) 32 Activations Master Subcontract # 16_743	2018 Florence	Holly Ridge, NC Jacksonville, NC North Topsail Beach, NC	Onslow Co, NC Richlands, NC Swansboro, NC
	2017 Irma	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
	2017 Harvey	Aransas Co, TX	
	2016 Matthew	Hilton Head Island, SC	Windmill Harbour POA, SC
	2016 Hermine	Leon County, FL	Tallahassee, FL
	2020 Laura	Calcasieu Parish, LA DeQuincy, LA	Vinton, LA
	2018 Michael	Bay Co, FL	
	2018 Florence	Onslow Co, NC	Swansboro, NC
	2016 Matthew	Brevard Co, FL	Cocoa Beach, FL
	2016 Hermine	Leon Co, FL	Tallahassee, FL
LCS Restoration Services LLC (Mobile, AL) (ROW Hauling, L&H) 4 Activation Master Subcontract#18_815	2015 Winter Strom	Raleigh, NC	
	2012 TS Beryl	Nassau Bay, FL	
	2020 Sally	Fairhope, AL	AL DOT SW Region
McCombs Tree Service (Rockledge, FL) (ROW Hauling) 8 Activations Master Subcontract# 15_295	2020 Sally	Fairhope, AL	AL DOT SW Region
	2018 Michael	Jackson Co, FL	
	2018 Michael	Jackson Co, FL	



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Subcontractor	Storm Event	Work Location	
(ROW Hauling, L & H, DMS Site Work) 10 Activations Master Subcontract # 17_1042	2017 Irma	Lauderdale by the Sea, FL Lazy Lakes, FL Plantation, FL	Polk Co, FL Sunrise, FL Tarpon Springs, FL Wilton Manors, FL
New Gen Environmental Group / Bil-Jim Construction (Toms River, NJ) (ROW Hauling, Dredging, Demo, Waterway) 11 Activations Master Subcontract # 17_1024	2020 Zeta	Gulfport, MS	
	2020 Laura	Calcasieu Parish, LA	
	2018 Michael	Bay Co, FL	Panama City, FL
	2017 Irma	FL Dept. of Enviro. Protection	
	2017 Harvey	Montgomery Co, TX Dickinson, TX	Port Arthur, TX
	2016 Matthew	Fayetteville, NC	Raleigh, NC
ReclaimIt Enterprises (Greenville, TN) (PUSH, ROW Hauling, L & H, Haul Outs) 13 Activations Master Subcontract # 18_362	201-13 Sandy	State of New Jersey	
	2020 Zeta	Audubon Institute, LA	
	2020 Delta	Iowa, LA	
	2020 Sally	Orange Beach, AL Spanish Fort, AL	Gulf Shores, AL
	2020 Laura	Lake Charles, LA Sulphur, LA	Calcasieu Parish, LA
	2018 Michael	Jackson Co, FL Lynn Haven, FL	Panama City, FL Parker, FL
S. St. George Enterprises (Fredonia, NY) (PUSH, ROW Hauling, L&H, Grinding, Stumps, Haul Outs, Site Work) 68 Activations Master Subcontract # 13_376	2011 Irene	James City Co, VA	
	2020 Zeta	Gulfport, MS	Harrison Co, MS
	2020 Laura	Lake Charles, LA	Calcasieu Parish, LA
	2020 Tornado	Nashville, TN	Chattanooga, TN
	2018 Michael	Bay Co, FL Jackson Co, FL Lynn Haven, FL Decatur Co, GA	Panama City, FL Panama City Beach, FL Bainbridge, GA
	2018 Florence	Brunswick Co, NC Bolivia, NC Caswell Beach, NC Leland, NC Holly Ridge, NC Sandy Creek, NC Navassa, NC Swansboro, NC	Onslow Co, NC Jacksonville, NC Duplin Co, NC Richlands, NC Oak Island, NC Northwest, NC Shallotte, NC Varnamtown, NC
	2017 Irma	Bonita Springs, FL Edgewater, FL Flagler Co, FL Lake Mary, FL Lake Co, FL Lee Co, FL	Okeechobee Co, FL Orlando, FL Ormond Beach, FL Sanford, FL Sarasota Co, FL St. Petersburg, FL Sumter Co, FL
	2017 Harvey	Aransas Co, TX San Patricio Co, TX	Corpus Christi, TX
	2016 Matthew	Hilton Head Island, SC	Long Cove POA, SC
		Windmill Harbor POA, SC	Norfolk, VA
	2014 AL Tornado	ACCA- Blount Co, AL	
	2014 Pax – Ice Storm	Berkeley Co, SC	Dorchester Co, SC
	2011 Irene	James City Co, VA York Co, VA	Newport News, VA Rocky Mount, NC
	2005 Dennis	Bay Co, FL	Destin, FL
	2005 Wilma	Ft. Lauderdale, FL	West Palm Beach, FL
	2005 Rita	Calcasieu Parish / Lake Charles, LA	
	2005 Katrina	Aventura, FL Daphne, AL Lazy Lakes, FL	Pascagoula, MS Pompano Beach, FL Wilton Manors, FL
	2004 Ivan	Escambia Co, FL	Walton Co, FL
	2018 Michael	Apalachicola, FL Franklin Co, FL	Carrabelle, FL Parker, FL
	2017 Irma	Fort Myers, FL	Lee Co., FL
Statewide Tub Grinding/ WLW (Apopka, FL) (PUSH, ROW Hauling,			



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Subcontractor	Storm Event	Work Location	
Stumps, Haul Outs) 16 Activations Master Subcontract # 15_616	2016 Matthew	Lake Co., FL Brevard Co, FL Ormond Beach, FL	Sanibel, FL Cocoa Beach, FL
	2008 Ike	Galveston Co, TX La Marque, TX	Texas City, TX Tiki Island, TX
	2005 Wilma	Ft. Lauderdale, FL	
	2017 Harvey	Port Arthur, TX	
Steadfast Services / Slick Machines (Cummings, GA) (ROW Hauling, Site Grinding, Haul Outs, Sand, Concrete) 4 Activations Master Subcontract# 17_1031	2011 Deep Water Horizon Oil Spill	Obrien's BP Oil Spill AL	
	2008 Ike	Bolivar, TX	TX GLO
	2020 Zeta	Harrison Co, MS Gulfport, MS	Wiggins, MS
	2020 Sally	Okaloosa Co, FL	
Total Urban Forestry, LLC (Ocala, FL) (PUSH, ROW Hauling, DMS Site Work, Stumps, L & H) 11 Activations Master Subcontract # 16_780	2018 Michael	Jackson Co, FL	
	2017 Irma	Ocala, FL St. Petersburg, FL	Tarpon Springs, FL The Villages
	2016 Matthew	Flagler Co, FL	Palm Coast, FL
	2018 Michael	FL Dept. Of Enviro. Protection	
Waterfront Recovery LLC (Rockledge, FL) Waterway Debris 3 Activations Master Subcontract # 17_966	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 AL DOT SW Region Bay Minette, AL	Baldwin Co, AL Orange Beach, AL
Zehendner Disaster Relief (Princeton, MO) (PUSH, ROW hauling, L & H, Stumps, Haul Outs, Beach Sand, Demo) 90 Activations Master Subcontract # 12_470	2020 Laura	Alexandria, LA	
	2020 Tornado	Nashville, TN	
	2018 Michael	Parker, FL	
	2018 Florence	Bolivia, NC Brunswick Co, NC Caswell Beach, NC Leland, NC Navassa, NC	Northwest, NC Oak Island, NC Sandy Creek, NC Shallotte, NC Varnamtown, NC
	2017 Irma	Bonita Springs, FL Estero Village, FL FL DEP	Fort Myers, Lee Co, FL
	2016 Matthew	Berkeley Co, SC Brevard Co, FL FL Dept. of Environmental Protection Garden City, GA	Hilton Head Island, SC Long Cove POA, SC Thunderbolt, GA
	2014 Tornado	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 Magnolia, MS	McComb, MS Pascagoula, MS
	2011 Tornado (AL)	Walker Co, P & J	
	2011 Irene	Edenton, NC Edgecombe Co, NC James City Co, VA York Co, VA	Robersonville, NC Rocky Mount, NC Williamston, NC NCDOT – Various
	2011 Tornado (MO)	Joplin, MO	
	2010 BP Oil Spill	Alabama Coast	
	2008 Ike	Alvin, TX Bayou Vista, TX	La Marque, TX Manvel, TX



Subcontractor	Storm Event	Work Location	
		Bolivar Peninsula, TX Brookside Village, TX Clear Lake Shores, TX Galveston Canals, TX Galveston Co, TX Kemah, TX	Pearland, TX Santé Fe, TX Texas City, TX Tiki Island, TX TX GLO Sand Texas GLO – Henderson Hole
	2006 Ice Storm	Erie Co, NY	
	2005 Wilma	Ft. Lauderdale, FL Lee Co, FL Pembroke Pines, FL	West Palm Beach, FL Wilton Manors, FL
	2005 Rita	Calcasieu Parish, Lake Charles, LA	
	2005 Katrina	Baldwin Co, AL Biloxi, MS Gulf Shores, AL Gulfport, MS	Orange Beach, AL Pascagoula, MS
	2005 Dennis	Atmore, AL Flomaton, AL Baldwin Co, AL	Destin, FL Walton Co, FL
	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

"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 City. 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 City 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 City 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 City

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 1,238,941 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. 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.



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)
2021	161,180	0	0	0	0
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, 2022 CrowderGulf has completed the last 3,954 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: 2021 Form approved OMB no. 1218-0176

All establishments covered by part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary. Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0". Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35 for further details on the access provisions for these forms.

Facility Information:

Establishment name: CrowderGulf
Street: 5629 Commerce Blvd East
City: Mobile
State: AL Zip: 36541

Industry description:
Standard Industrial Classification (SIC): 238900
If known

Employment Information (if you don't have these figures, see the Worksheet on the back of OSHA Form 300A to estimate):

Annual average number of employees: 55
Total hours worked by all employees last year: 161,180

Sign here
Knowingly falsifying this document may result in a fine. I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

[Signature]
Safety Manager
1-4-2022

Number of Cases

Total number of deaths (D)	Total number of cases with days away from work (A)	Total number of cases with job transfer or restriction (R)	Total number of other recordable cases (O)
0	0	0	0

Number of Days

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

Injury and Illness Types

Total number of... (M)

(1) Injuries	0	(4) Poisonings	0
(2) Skin Disorders	0	(5) Hearing loss	0
(3) Respiratory conditions	0	(6) All other illnesses	0

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

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including time to review the instructions, search existing data sources, gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about this estimate or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistics, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

CrowderGulf's Site Specific Safety Plan

The Accident Prevention Plan (APP) and Site Safety and Health Plans (SSHP) for the City 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)
- Texas Department of Environment and Conservation
- Texas Department of Health
- Texas 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 City. 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 City 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 City, 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 the **FEMA Public Assistance Program and Policy Guide**. 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 City 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 City 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.



Gov. Christie complimenting Operations Mgr., Buddy Young, for CrowderGulf's waterway work in N.J. after Hurricane Sandy.

Distribution Strategy

The following are suggested vehicles for distributing the information:

- **Media** – Local television, radio, newspapers, or community newsletters
- **Internet Site** – City of League City's 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

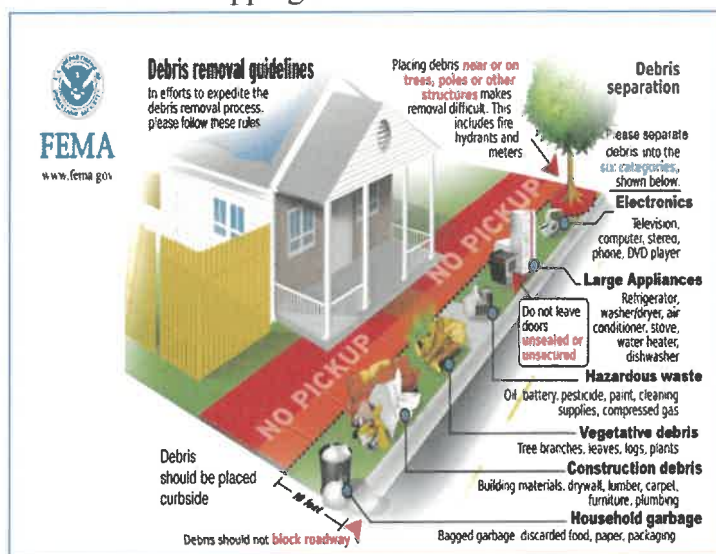
Sample Flyer that can be distributed to local media outlets to assist citizens in properly segregating their debris curbside:

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 City 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 City and the On-Site Management Team may use this information to adjust operations appropriately.





TAB C - Pricing and Fees



City of League City, TX
RFP #22-024 for Debris Management Services



C. Pricing and Fees

Financial strength is one of the most important aspects for the City of League City to consider when selecting a debris contractor. Following a major disaster, the City's financial burdens could be substantial. It is important to have a financially strong disaster-experienced contractor, such as CrowderGulf, that will work to get the job completed, regardless of any delays in invoice payments.

CrowderGulf's financial stability is solid and reliable and over the years we have established an excellent line of credit with our financial institution. We have always paid our subcontractors and personnel weekly and we have met all financial obligations without interruption. Over the years, CrowderGulf has paid out millions of dollars before receiving any payments. CrowderGulf's long time commitment to pay subcontractors weekly has allowed us to attract the most experienced and well-equipped subcontractors in the nation.

CrowderGulf has had extensive experience working disasters and is personally aware that many municipalities are not financially prepared to handle the cost of a major recovery effort. We understand that it takes time to work through the bureaucracy and obtain funding. Consequently, CrowderGulf's position has always been one of patience with our clients as they endeavor to meet our invoices. Some clients have been more financially capable than others, but we have never had a situation in which we were unable to amicably resolve any payment issues.

AGGREGATE BONDING CAPACITY	\$ 500,000,000
SINGLE BONDING CAPACITY	\$ 250,000,000
OTHER AVAILABLE FUNDING	\$ 150,000,000

Bonding

Sterling Seacrest Partners
Mr. Jim Congelio
3111 W. Dr. Martin Luther King Jr Blvd.,
Suite 350
Tampa, FL 33637
813-489-1183

Insurance

Pathway Insurance Group
Mr. Robbie Farmer
753 Nicholas Avenue
Fairhope, AL 36532
251-279-6373

Insurance

CrowderGulf maintains *all required insurances* such as General Liability, Personal Injury, Workers Compensation, Automobile/Equipment Liability, as well as Maritime Insurance. Gray Insurance Company of Metairie, Louisiana provides this insurance coverage. *See Insurance Certification attached.*

Equal Opportunity Employer

CrowderGulf is an *Equal Opportunity Employer*. It is our policy to provide an employment and work process free of any unlawful discrimination. We will promote the value of a diverse work force, which fosters fair treatment of all individuals based on knowledge, skill, ability and performance.



Drug Free Work Place

CrowderGulf is a participant in the *National Drug Free Work Place Program*. Our policy prohibits drug distribution, possession or use while in the employment of CrowderGulf. This policy applies to all subcontractors and/or consultants that support or assist in any work conducted. Employee training, counseling and/or employee assistance programs bolster the drug free policy.

Code of Business Ethics

In mid-year of 2000, CrowderGulf adopted a written *Code of Business Ethics* that applies to all employees with special responsibilities on Foremen, Supervisors and Managers. The ethics program is in four parts: 1) The Ethic Logic; 2) Ethical Standards; 3) Ethics Policy; and 4) Ethics Training. The policy and standards are equally weighted on employees, contractors, subcontractors and consultants. *Our ethics plan is available upon request.*

Criminal Convictions

CrowderGulf has never had any Criminal Convictions against CrowderGulf, company owners or officers.

Penalties

CrowderGulf has never been terminated or debarred from a Contract.

Conflict of Interest

CrowderGulf nor its ownership, officers, management or staff have a conflict of interest to disclose with the City at this time.

➤ **Pricing and Fees – Attached**

Management Plan

Provide a management plan for each category of work describing what actions will be taken for a disaster generating debris in the amount shown below. The plan should include items such as; number and locations of TDSR sites, minimum size, type and numbers of hauling equipment, management and supervision staff, the methodology for scheduling and routing the removal of debris, and the total cost associated with the scenario. These quantities do **NOT** represent actual quantities, anticipated quantities, or contractual quantities. They are **ONLY** for the purposes of reviewing debris removal plans, processes, procedures, and cost analysis.

DEBRIS TYPE	SCENARIO 1 (Category 3 Hurricane)	CrowderGulf Rates	Extension
(All units in cubic yards)	VOLUME		
Vegetative – Cubic Yards	275,000	\$8.25	\$2,268,750
Construction and Demolition – Cubic Yards	150,000	\$8.25	\$1,237,500
White Metals – Per Unit	500	\$38.00 per UNIT	\$19,000.00
Hazardous Waste – Per LB	500	\$9.00 per LB	\$4,500.00
TOTAL:	426,000	Total:	\$3,529,750.00



June 07, 2022

RE: Bank Reference for Crowder Gulf, LLC and Crowder Gulf Joint Venture, Inc.

Please consider this letter as verification that Crowder Gulf, LLC and its wholly owned entity, Crowder Gulf Joint Venture, Inc., are one of Regions Bank's valued customers. Regions is privileged to have serviced the operating accounts of the companies since 1987, with all accounts handled in an exemplary manner.

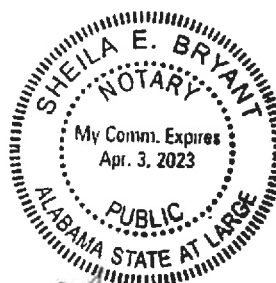
The company currently maintains balances in the upper seven figures and a line of credit in the amount of \$75,000,000.00. The line of credit has been increased to as high as \$150,000,000.00 in the past to support years of heavy storm activity.

If you have any questions, please contact me at 251-690-1087.

Sincerely,

A handwritten signature in black ink, appearing to read "Cheseller", written over the word "Sincerely,".

Christopher Esfeller
Senior Vice President
Commercial Banking
christopher.esfeller@regions.com



Sheila E Bryant 6-07-2022

11 N Water Street, Mobile, Alabama 36602



3111 West Dr Martin Luther King Jr Boulevard, Suite 350
Tampa, FL 33607

813.498.1183 office
813.464.7807 fax

www.sspins.com

June 8, 2022

RE: CrowderGulf, LLC
Status of Bondability

To Whom It May Concern:

Sterling Seacrest Pritchard is proud to represent CrowderGulf, LLC. We consider them to be a premier contractor in their field and we do not hesitate to recommend them for your project needs.

Travelers Casualty and Surety Company of America has an A.M. Best rating of "A++, XV" and provides a bonding program to CrowderGulf, LLC with single bond limits up to \$250,000,000 and an aggregate program of \$500,000,000. These limits are not to be construed as maximums but are established to handle the daily needs of our client.

As always, Travelers Casualty and Surety Company of America reserves the right to perform standard underwriting at the time of any bond request. This includes, but will not be limited to, the acceptability of the contract documents, bond forms and project financing. We assume no liability for any reason if we do not execute the bonds as requested. This letter is not an assumption of liability, nor should it be considered a bid, payment, or performance bond. If you should have any questions, please do not hesitate to contact us.

Sincerely,

Sterling Seacrest Pritchard

A handwritten signature in blue ink, appearing to read 'James C. Congelio'.

James C. Congelio

State of: Florida

County of: Hillsborough

The forgoing document was acknowledged before me
the 8th day of June, 2022.

A handwritten signature in blue ink, appearing to read 'Melissa Beckworth'.

Melissa Beckworth, Notary Public

My Commission Expires: January 13, 2023





RE: Crowder Gulf LLC & Crowder Gulf Joint Ventures Inc.

To Whom It May Concern:

Pathway Insurance Group handles all insurance for Crowder Gulf. The current coverages and limits carried by Crowder Gulf are some of the highest in their industry and have been vetted by risk managers, municipalities, and other organizations throughout the country. We believe these limits are reasonable considering the scope of work performed by Crowder Gulf. The insured also does an excellent job with its subcontractor program and vetting subcontracts and insurance limits maintained by their subcontractors. We are also in constant communication with the leadership at Crowder Gulf regarding the state of the insurance marketplace and their activations.

However, in the event of an activation that warrants higher limit requirements, additional limits are readily available to Crowder Gulf in the marketplace within 24-48 hours from our current insurance carriers as well as others in the market.

I have attached a sample of their current limits of coverage for your convenience. Please feel free to reach out to me regarding any questions related to the insurance for Crowder Gulf.

Sincerely,

A handwritten signature in dark ink, appearing to read "Robby Farmer", is written over a horizontal line.

Robby Farmer


Vice President

Pathway Insurance Group LLC

753 Nichols Avenue | Fairhope, AL 36532 | www.pathwayinsgroup.com

Office: 251-279-6373

No. 90 REVISED

CERTIFICATE OF LIABILITY INSURANCE					DATE (MM/DD/YY) 6/23/2021		
PRODUCER Pathway Insurance Group, LLC 753 Nichols Avenue Fairhope, AL 36532			THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.				
INSURED CrowderGulf, LLC 5629 Commerce Blvd. E Mobile, AL 36619			COMPANIES AFFORDING COVERAGE				
			COMPANY A THE GRAY INSURANCE COMPANY				
			COMPANY B				
			COMPANY C				
COMPANY D							
COVERAGES THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS		
A	<input checked="" type="checkbox"/> GENERAL LIABILITY	XSGL-074436	8/1/2019	7/1/2022	GENERAL AGGREGATE		
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY				Unlimited		
	<input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				PRODUCTS – COMP/OP AGG		
	\$3,000,000.00						
	PERSONAL & ADV INJURY						
\$1,000,000.00							
EACH OCCURRENCE		\$1,000,000.00					
FIRE DAMAGE (Any one fire)		\$100,000.00					
MED EXP (Any one person)		\$5,000.00					
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY	XSAL-075438	8/1/2019	7/1/2022	COMBINED SINGLE LIMIT		
	<input checked="" type="checkbox"/> ANY AUTO				\$1,000,000.00		
	<input checked="" type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY		
	<input checked="" type="checkbox"/> SCHEDULED AUTOS				(Per person)		
	<input checked="" type="checkbox"/> HIRED AUTOS				BODILY INJURY		
<input checked="" type="checkbox"/> NON-OWNED AUTOS	(Per accident)						
PROPERTY DAMAGE							
GARAGE LIABILITY				AUTO ONLY – EA ACCIDENT			
<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY			
				EACH ACCIDENT			
				AGGREGATE			
A	<input checked="" type="checkbox"/> EXCESS LIABILITY	GXS-100064	7/1/2021	7/1/2022	EACH OCCURRENCE		
	<input type="checkbox"/> UMBRELLA FORM				\$4,000,000.00		
	<input checked="" type="checkbox"/> OTHER THAN UMBRELLA FORM				\$4,000,000.00		
A	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY		GWC-071166	8/1/2019	7/1/2022	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: <input checked="" type="checkbox"/> INCL <input type="checkbox"/> EXCL					<input type="checkbox"/> OTH ER	
						EL EACH ACCIDENT	
						\$1,000,000.00	
				EL DISEASE – POLICY LIMIT			
				\$1,000,000.00			
				EL DISEASE – EA EMPLOYEE			
				\$1,000,000.00			
OTHER							
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS The certificate holder is an additional insured on all policies except Workers' Compensation and is provided a Waiver of Subrogation, all if required by written contract. The above insurance policies shall be primary and noncontributory to any other insurance policies maintained by the certificate holder, if required by written contract.							
CERTIFICATE HOLDER 2523#90 City of League City 300 West Walker League City, TX 77573			CANCELLATION In the event of cancellation by The Gray Insurance Company and if required by written contract, 30 days written notice will be given to the Certificate Holder.				
AUTHORIZED REPRESENTATIVE 			THE GRAY INSURANCE COMPANY				

CERTIFICATE OF INSURANCE

Page 2

THE GRAY INSURANCE COMPANY

The below coverages apply if the corresponding policy number is indicated on the previous page.

A. Commercial General Liability

General Liability Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

Blanket Additional Insured when required by written contract.

Primary Insurance Wording Included when required by written contract.

Broad Form Property Damage Liability including Explosion, Collapse and Underground (XCU).

Premises/Operations

Products/Completed Operations

Contractual Liability

Sudden and Accidental Pollution Liability

Occurrence Form

Personal Injury

"In Rem" Endorsement

Cross Liability

Severability of Interests Provision

"Action Over" Claims

Independent Contractors coverage for work sublet

Vessel Liability - Watercraft exclusion has been modified by the vessels endorsement on scheduled equipment.

General Aggregate applies per project or equivalent.

B. Automobile Liability Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

Blanket Additional Insured when required by written contract.

C. Workers Compensation Policy Includes:

Blanket Waiver of Subrogation when required by written contract.

U.S. Longshoremen's and Harbor Workers Compensation Act Coverage

Outer Continental Shelf Land Act

Jones Act (including Transportation, Wages, Maintenance, and Cure),

Death on the High Seas Act & General Maritime Law.

Maritime Employers Liability Limit: \$1,000,000

Voluntary Compensation Endorsement

Other States Insurance

Alternate Employer/Borrowed Servant Endorsement

"In Rem" Endorsement

Gulf of Mexico Territorial Extension

D. Excess Liability Policy Includes:

Coverage is excess of the Auto Liability, General Liability, Employers Liability, & Maritime Employers Liability policies

Blanket Waiver of Subrogation when required by written contract.


Blanket Additional Insured when required by written contract.



RFP 22-024
Debris Management Services

Proposal Cover Sheet

Due Date: Wednesday, June 29, 2022, by 10:00 a.m.

<u>CrowderGulf, LLC.</u>			
Name of Firm/Company			
<u>Ashley Ramsay-Naile</u>		<u>President</u>	
Agent's Name (Please Print)		Agent's Title	
<u>5629 Commerce Blvd. E</u>	<u>Mobile</u>	<u>AL</u>	<u>36619</u>
Mailing Address	City	State	Zip
<u>800-992-6207</u>	<u>jramsay@crowdergulf.com</u>		
Telephone Number	Email Address		
	<u>06/16/2022</u>		
Authorized Signature	Date		

Proposal Submission Checklist

Proposal submission package shall consist of the following:

- ☒ Proposal Cover Sheet
- ☒ Proposal (If hard copy submitted: one marked original, one marked copy and a flash drive)
- ☒ Cost Proposal Sheet
- ☒ Public Information Act Form
- ☒ Conflict of Interest Questionnaire (if required)

Proposal Certification and Addenda Acknowledgement

Proposer must initial next to each addendum received to verify receipt:

Addendum #1 _____ Addendum #2 _____ Addendum #3 _____

Addendum #4 _____ Addendum #5 _____ Addendum #6 _____



Proposal Cost Sheet

DUE DATE: Wednesday, June 29, 2022, by 10:00 a.m.

Emergency Road Clearance			
Item #	Description	Cost	Unit
A	Dump Truck, 16-20 CY capacity, with Operator	\$95.00	HOUR
B	Rubber Tired Front-end Loader, 3-5 CY capacity, with Operator	\$160.00	HOUR
C	Two (2) Person Laborer Crew with Chainsaws, 16" min bar, traffic flags, and misc. small tools (axes, shovels, safety equip.)	\$90.00	HOUR
D	Crew Foreman with Pickup Truck, ½-1 Ton, & cellular phone	\$60.00	HOUR
E	Track Hoe Excavator, 2-3 CY bucket with operator	\$50.00	HOUR
F	Low Bed Equipment Trailer, 35 Ton capacity, and Tractor Truck with operator	\$140.00	HOUR
Debris Removal Processing and Disposal			
Item #	Description	Cost	Unit
1	Mobilization and Demobilization (Lump Sum)	\$0.00	LUMP SUM
2	Vegetative Debris Removal from Public Property (Right-of-Way) and Hauling to Temporary Debris Storage and Reduction Site (TDSRS) or other disposal sites	\$8.25	CY
3	Vegetative Debris Removal from Private Property (Right-of-Entry Program) and Publicly Owner Property (other than Right-of-Way) and hauled to TDSRS or other disposal sites	\$12.90	CY

NOTE: Disposal / Tipping Fees for all line items will be a pass through cost at no markup.



RFP 22-024
Debris Management Services

4	Vegetative Debris Removal from Public Property (Right-of-Way) and Hauling Directly to Final Disposal Site	\$10.50	CY
5	Vegetative Debris Removal from Temporary Debris Storage and Reduction Site (TDSRS) and Hauling to Final Disposal Site	\$5.00	CY
6	C&D Debris Removal from Public Property (Right-of-Way) and Hauling to Temporary Debris Storage and Reduction Site (TDSRS) or other disposal sites	\$8.25	CY
7	C&D Debris Removal from Private Property (Right-of-Entry Program) and Publicly Owner Property (other than Right-of-Way) and hauled to TDSRS or other disposal sites	\$12.90	CY
8	C&D Debris Removal from Public Property (Right-of-Way) and Hauling Directly to Final Disposal Site	\$11.50	CY
9	C&D Debris Removal from Temporary Debris Storage and Reduction Site (TDSRS) and Hauling to Final Disposal Site	\$5.25	CY
10	Management of TDSRS	\$1.50	CY
11	Processing (Grinding/Chipping) of Vegetative Debris at TDSRS or Final Disposal	\$2.95	CY
12	Grinding or consolidation of C&D debris at TDSRS	\$2.95	CY
13	Processing (Open Burning) of Vegetative Debris at TDSRS or Final Disposal	\$1.50	CY
14	Processing Burning of Vegetative debris using air curtain incinerators at TDSRS or final disposal	\$1.90	CY
15	Pick Up and Haul of White Goods to Site within City	\$38.00	UNIT
16	Pick Up and Disposal of Hazardous Material	\$12.00	LB



RFP 22-024
Debris Management Services

17	Pick Up and Disposal of Household Hazardous Waste	\$9.00	LB
18	Pick Up and Disposal of Electronic Waste	\$6.00	LB
19	Freon Management and Recycling	\$35.00	UNIT
20	Dead Animal Collection, Transportation and Disposal	\$1.50	LB
21	Abandoned Vehicle Removal	\$90.00	VEHICLE
22	Recreational Vehicle	\$30.00	PER LF
23	Disposal of asbestos containing material	\$38.00	CY
Removal of hazardous stumps resulting from trees growing on the right of way and Hauling to Final Disposal Site			
24	6-inch diameter to 11.99-inch diameter	\$18.00 per CY	See conversion chart
25	12-inch diameter to 23.99-inch diameter	\$18.00 per CY	See conversion chart
26	24-inch diameter to 47.99-inch diameter	\$18.00 per CY	See conversion chart
27	48-inch diameter and greater	\$18.00 per CY	See conversion chart
Debris from leaners and hangers will be piled on right of ways and will be hauled and disposed			
28	Removal of hazardous hanging limbs greater than 2 inches	\$80.00	EACH or per Tree
29	Removal of hazardous standing trees 6" – 12" in diameter	\$55.00	EACH or per Tree



RFP 22-024
Debris Management Services

30	Removal of hazardous standing trees 13" – 24" in diameter	\$110.00	EACH
31	Removal of hazardous standing trees 25" – 36" in diameter	\$210.00	EACH
32	Removal of hazardous standing trees 37" – 48" in diameter	\$295.00	EACH
33	Removal of hazardous standing trees greater than 48" in diameter	\$345.00	PER TREE
Marine, Lake, or Inland Water Debris Removal			
34	Canals, bayous, and ditches	\$42.00	PER LF
35	Bays and other open waters or \$120.00 per CY as a proposed alternate rate.	\$1,200.00	PER ACRE
36	Boat removal	\$190.00	PER LF
The following items shall be billed on a time and material basis according to the attached schedules			
37	Emergency Road Clearance	SEE EQUIPMENT & LABOR RATES	
38	Demolition of Structures (Debris will be hauled and disposed of under items 6-9) Non-RACM, RACM Abatement pass through cost.	\$6.25	SQ/FT
39	Disaster event Generated Hazardous Wastes Abatement; Biohazardous Wastes Abatement	TBN	N/A
40	Generators, light plants, water pumps, portable toilets, and other required equipment or materials	\$18.00	COST PLUS
EQUIPMENT RATES			
Equipment Description	Applicable Unit if not Able to Provide Equipment Described	Cost	Unit



RFP 22-024
Debris Management Services

JD 544 Wheel Loader with debris grapple		\$160.00	HOUR
JD 644 Wheel Loader with debris grapple		\$170.00	HOUR
Extendaboom Forklift with debris grapple		\$125.00	HOUR
753 Bobcat Skid Steer Loader with debris grapple		\$125.00	HOUR
753 Bobcat Skid Steer Loader with bucket		\$125.00	HOUR
753 Bobcat Skid Steer Loader with street Sweeper		\$125.00	HOUR
30-50 HP Farm Tractor with box blade or rake		\$90.00	HOUR
2-2 ½ Cu.Yd. Articulated Loader with bucket		\$160.00	HOUR
3-4 Cu.Yd. Articulated Loader with bucket		\$170.00	HOUR
JD 648E Log Skidder or equivalent		\$125.00	HOUR
CAT D4 Dozer		\$135.00	HOUR
CAT D6 Dozer		\$145.00	HOUR



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CAT D8 Dozer		\$165.00	HOUR
CAT 125 – 140 HP Motor Grader		\$220.00	HOUR
JD 690 Trackhoe with debris grapple		\$145.00	HOUR
JD 690 Trackhoe with bucket & thumb		\$145.00	HOUR
Rubber Tired Trackhoe with debris grapple		\$180.00	HOUR
JD 310 Rubber Tired Backhoe with bucket and hoe		\$150.00	HOUR
Rubber Tired Excavator with debris grapple		\$180.00	HOUR
210 Prentiss Knuckleboom with debris grapple		\$150.00	HOUR
Self-Loader Scraper Cat 623 or equivalent		\$195.00	HOUR
Hand Fed Debris Chipper		\$40.00	HOUR
300 – 400 Tub Grinder		\$500.00	HOUR
800 – 1,000 HP Diamond Z Tub Grinder		\$575.00	HOUR
30 Ton Crane		\$150.00	HOUR



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50 Ton Crane		\$250.00	HOUR
100 Ton Crane (8 hour minimum)		\$400.00	HOUR
40-60' Bucket Truck		\$195.00	HOUR
Service Truck		\$140.00	HOUR
Water Truck		\$125.00	HOUR
Portable Light Plant		\$35.00	HOUR
Equipment Transports		\$140.00	HOUR
Pickup Truck, Unmanned		\$40.00	HOUR
Self-loading Dump Truck with Knuckleboom and debris grapple Up to 50 CY Capacity		\$225.00	HOUR
Single Axle Dump Truck, 5 – 12 Cu.Yd.		\$90.00	HOUR
Tandem Dump Truck, 16 - 20 Cu.Yd.		\$105.00	HOUR
Trailer Dump, 24 – 40 Cu.Yd.		\$130.00	HOUR
Trailer Dump Truck, 61 – 80 Cu.Yd.		\$160.00	HOUR



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Power Screen		\$200.00	HOUR
Stacking Conveyor		\$50.00	HOUR
Off Road Trucks		\$250.00	HOUR
LABOR AND MATERIAL RATES			
Labor Description		Cost	Unit
Operations Manager		\$90.00	HOUR
Superintendent with truck, phone & radio		\$75.00	HOUR
Foreman with truck, phone & radio		\$70.00	HOUR
Safety/Quality Control Inspector with vehicle, phone & radio		\$65.00	HOUR
Inspector with vehicle, phone & radio		\$55.00	HOUR
Climber with gear		\$125.00	HOUR
Saw Hand with chainsaw		\$48.00	HOUR
Laborers & Flagmen		\$40.00	HOUR
Public Assistance Manager		\$100.00	HOUR



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Documentation Clerk		\$45.00	HOUR	
Timekeeper		\$40.00	HOUR	
HazMat Professional		\$120.00	HOUR	
Household HazMat Inspection & Removal Crew		\$250.00	HOUR	
Generators from 10 KW to 300 KW 50 kW Generator		\$125.00	HOUR	
Material Description		Cost	Unit	
Fill Dirt for Stump Holes - Purchased, Placed, and Shaped		16.00	CY	
ITEM #	EQUIPMENT/LABOR DESCRIPTION	HOURLY	WEEKLY	HOU RLY OT
A.1	210 Prentice Loader	\$ 120.00	\$ 4,800.00	\$ 180
A.2	Self-Loading Prentice Truck 25 to yard dump body	\$ 110.00	\$ 4,400.00	\$ 165
A.3	Wheel Loader 2 ½ to 3-yard bucket	\$ 160.00	\$ 6,400.00	\$ 240
A.4	Wheel Loader 3-to-5-yard bucket	\$ 170.00	\$ 6,800.00	\$ 255
A.5	Tandem Dump Truck 16 to 20 yards	\$ 105.00	\$ 4,200.00	\$ 158
A.6	Mini Loader/Bobcat	\$ 100.00	\$ 4,000.00	\$ 150
A.7	Dozer/Cat D6 or equivalent	\$ 145.00	\$ 5,800.00	\$ 218
A.8	Excavator with debris loading grapple/Cat 325 or equivalent	\$ 160.00	\$ 6,400.00	\$ 240
A.10	Chainsaw with operator	\$ 48.00	\$ 1,920.00	\$ 72



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A.11	Laborers	\$ 40.00	\$ 1,600.00	\$ 60
A.12	Four men crew with transportation	\$ 160.00	\$ 6,400.00	\$ 240
A.13	Three men crew with transportation	\$ 120.00	\$ 4,800.00	\$ 180
A.14	Two men crew with transportation	\$ 80.00	\$ 3,200.00	\$ 120
A.15	Supervisor with transportation	\$ 70.00	\$ 2,800.00	\$ 105
A.16	Safety Manager with transportation	\$ 65.00	\$ 2,600.00	\$ 98
A.17	Flagger for traffic control	\$ 40.00	\$ 1,600.00	\$ 60
A.20	Trash Transfer Trailers – 100 yards with Tractor	\$ 225.00	\$ 9,000.00	\$338
A.21	Trash Transfer Trailer _____ yard with Tractor	\$ 225.00	\$ 9,000.00	\$338
A.22	Trash Transfer Trailer _____ yard with Tractor	\$ 225.00	\$ 9,000.00	\$338
A.23	Equipment Transports	\$ 140.00	\$ 5,600.00	\$210
A.24	Other Equipment:	\$	\$	\$
A.25	Other Equipment:	\$	\$	\$
A.26	Other Equipment:	\$	\$	\$
A.27	Other Equipment:	\$	\$	\$
A.28	Other Labor:	\$	\$	\$
A.29	Other Labor:	\$	\$	\$
A.30	Other Labor:	\$	\$	\$
A.31	Other Labor:	\$	\$	\$
A.32	Other Labor:	\$	\$	\$
A.33	Labor - Fueling of ancillary equipment and re-filling of water trucks– Hourly rate shall include labor, transportation, and administration costs	\$ 90.00		
EXCEPTIONS TO SPECIFICATIONS				



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Debris Management Services

If any item, material or equipment submitted as a part of this bid does not fully meet or exceed the minimum specifications as published, the exception(s) MUST be listed on this sheet and attached to the bid.		
Section	Item/Material/Equipment Bid	Reason
CrowderGulf is not taking any exceptions at this time.		

Total Cost for Scenario in Section III, F. Management Plan:

\$ 3,529,750.00

Unit prices listed above are good for ninety (90) calendar days after receipt of proposal.

ATTACHMENT D

Stump Conversion Table

Diameter to Volume Capacity

FEMA quantifies the amount of cubic yards of debris for each size of the stump based on the following formula:

$$\frac{[(\text{Stump Diameter}^2 \times 0.7854) \times \text{Stump Length}] + [(\text{Root ball Diameter}^2 \times 0.7854) \times \text{Root Ball Height}]}{46,656}$$

0.7854 is one-fourth Pi and is a constant.

46656 is used to convert inches to Cubic Yards and is a constant.

The formula used to calculate the cubic yardage used the following factors, based upon findings in the field:

- Stump diameter measured two feet up from ground
- Stump diameter to root ball diameter ratio of 1:3:6
- Root ball height of 31"

Stump Diameter (inches)	Cubic Yards	Stump Diameter (inches)	Cubic Yards
6	0.3	47	15.8
7	0.4	48	16.5
8	0.5	49	17.2
9	0.6	50	17.9
10	0.7	51	18.6
11	0.9	52	19.4
12	1	53	20.1
13	1.2	54	20.9
14	1.4	55	21.7
15	1.6	56	22.5
16	1.8	57	23.3
17	2.1	58	24.1
18	2.3	59	24.9
19	2.6	60	25.8
20	2.9	61	26.7
21	3.2	62	27.6
22	3.5	63	28.4
23	3.8	64	29.4
24	4.1	65	30.3
25	4.5	66	31.2
26	4.8	67	32.2
27	5.2	68	33.1
28	5.6	69	34.1
29	6	70	35.1
30	6.5	71	36.1
31	6.9	72	37.2
32	7.3	73	38.2
33	7.8	74	39.2

34	8.3	75	40.3
35	8.8	76	41.4
36	9.3	77	42.5
37	9.8	78	43.6
38	10.3	79	44.7
39	1.9	80	45.9
40	11.5	81	47
41	12	82	48.2
42	12.6	83	49.4
43	13.3	84	50.6
44	13.9	82	48.2
45	14.5	83	49.4
46	15.2	84	50.6



TAB D – Forms



City of League City, TX
RFP #22-024 for Debris Management Services



Texas Public Information Act

Steps to Assert that Information is Confidential or Proprietary

All proposals, data, and information submitted to the City of League City are subject to release under the Texas Public Information Act ("Act") unless exempt from release under the Act. You are not encouraged to submit data and/or information that you consider to be confidential or proprietary unless it is absolutely required to understand and evaluate your submission.

On each page where confidential or proprietary information appears, you must label the confidential or proprietary information. Do not label every page of your submission as confidential as there are pages (such as the certification forms and bid sheet with pricing) that are not confidential. It is recommended that each page that contains either confidential or proprietary information be printed on colored paper (such as yellow or pink paper). At a minimum, the pages where the confidential information appears should be labeled and the information you consider confidential or proprietary clearly marked.

Failure to label the actual pages on which information considered confidential appears will be considered as a waiver of confidential or proprietary rights in the information.

In the event a request for public information is filed with the City which involves your submission, you will be notified by the City of the request so that you have an opportunity to present your reasons for claims of confidentiality to the Texas Attorney General.

In signing this form, I acknowledge that I have read the above and further state (Please check one):

- ☒ The proposal/bid submitted to the City **contains NO confidential information** and may be released to the public if required under the Texas Public Information Act.
- ☐ The proposal/bid submitted **contains confidential information** which is labeled and which may be found on the following pages: _____
and any information contained on page number not listed above may be released to the public if required under the Texas Public Information Act.

Vendor/Proposer Submitting: CrowderGulf, LLC.

Signature: Ashley Ramsay-Naile Date: 06/16/2022

Print Name: Ashley Ramsay-Naile Print Title: President

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

OFFICE USE ONLY

Date Received

1 Name of vendor who has a business relationship with local governmental entity.

N/A

2 ☐ Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes

☐ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

☐ Yes

☐ No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 ☐ Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Ashley Ramsay-Naile
Signature of vendor doing business with the governmental entity

06/16/2022
Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

(i) a contract between the local governmental entity and vendor has been executed;

or

(ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

(i) a contract between the local governmental entity and vendor has been executed; or

(ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

(1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);

(2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or

(3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

(A) begins discussions or negotiations to enter into a contract with the local governmental entity; or

(B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

(A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);

(B) that the vendor has given one or more gifts described by Subsection (a); or

(C) of a family relationship with a local government officer.

CERTIFICATE OF INTERESTED PARTIES**FORM 1295**

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
CERTIFICATION OF FILING**

Certificate Number:
2020-586376

Date Filed:
02/10/2020

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

CrowderGulf, LLC
Mobile, AL United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

RFP for Disaster Debris Removal & Disposal Services

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Ramsay-Naile, Ashley	Mobile, AL United States	X	
	Ramsay, Lyman M.	Theodore, AL United States	X	

SAMPLE

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is Ashley Ramsay-Naile, and my date of birth is 08-29-66

My address is 5629 Commerce Blvd. East, Mobile AL 36619 USA
(street) (city) (state) (zip code) (country)

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

Executed in Mobile County, State of Alabama, on the 10 day of June, 2022.
(month) (year)

Ashley Ramsay-Naile

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES**FORM 1295**

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is no interested party. ☐

6 UNSWORN DECLARATION

My name is _____ and my date of birth is _____.

My address: _____
 (street) (city) (state) (zip code) (country)

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

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
 (month) (year)

 Signature of authorized agent of contracting business entity
 (Declarant)

ADD ADDITIONAL PAGES AS NECESSARY



THE FOLLOWING FEDERALLY REQUIRED CONTRACT CLAUSES, OR SIMILAR CLAUSES, WILL BE REQUIRED FOR ALL CONTRACTS RESULTING FROM THIS SOLICITATION.

Please sign the last page to acknowledge these clauses and include in the forms section of your response.

1. Equal Employment Opportunity.

During the performance of this contract, the contractor agrees as follows:

- a) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- b) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- c) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- f) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such



direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.

2. Davis Bacon Act and Copeland Anti-Kickback Act.

- a) In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week.
- b) The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

Compliance with the Copeland "Anti-Kickback" Act.

- a) Contractor. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.
- b) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c) Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

3. Contract Work Hours and Safety Standards Act.

Compliance with the Contract Work Hours and Safety Standards Act.

- a) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including



watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section .

- c) Withholding for unpaid wages and liquidated damages. The (write in the name of the Federal agency or the loan or grant recipient) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- d) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

4. Clean Air Act and the Federal Water Pollution Control Act

Clean Air Act

- a) The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- b) The contractor agrees to report each violation to the (name of the state agency or local or Indian tribal government) and understands and agrees that the (name of the state agency or local or Indian tribal government) will, in turn, report each violation as required to assure notification to the (name of recipient), Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- c) The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

Federal Water Pollution Control Act

- a) The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- b) The contractor agrees to report each violation to the (name of the state agency or local or Indian tribal government) and understands and agrees that the (name of the state agency or local or Indian tribal government) will, in turn, report each violation as required to assure notification to the (name of recipient), Federal Emergency Management Agency,



and the appropriate Environmental Protection Agency Regional Office.

- c) The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

5. Debarment and Suspension.

- a) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- b) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- c) This certification is a material representation of fact relied upon by (insert name of subrecipient). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- d) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.



6. Byrd Anti-Lobbying Amendment.

Byrd Anti-Lobbying Amendment, 31 U.S.C. § 1352 (as amended)

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.”

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements (To be submitted with each bid or offer exceeding \$100,000) The undersigned

[Contractor] certifies, to the best of his or her knowledge, that:

- a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement
- b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form- LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.
- c. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when



this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, CrowderGulf, LLC, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 *et seq.*, apply to this certification and disclosure, if any.

A handwritten signature in blue ink that reads "Ashley Ramsay-Naile". The signature is written in a cursive style and is positioned above a horizontal line.

Signature of Contractor's Authorized Official

Ashley Ramsay-Naile, President

Name and Title of Contractor's Authorized Official

6/23/2022

Date



7. Procurement of Recovered Materials.

- a) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA- designated items unless the product cannot be acquired—
 - (i) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - (ii) Meeting contract performance requirements; or
 - (iii) At a reasonable price.
- b) Information about this requirement, along with the list of EPA- designate items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

8. Additional FEMA Requirements.

- a) The contractor agrees to provide (insert name of state agency or local or Indian tribal government), (insert name of recipient), the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- b) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- c) The contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

9. DHS Seal, Logo, and Flags.

The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre- approval.

10. Compliance with Federal Law, Regulations, and Executive Orders.

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The contractor will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

11. No Obligation by Federal Government.

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.



12. Program Fraud and False or Fraudulent Statements or Related Acts.

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

Ashley Ramsay-Naile, President of CrowderGulf, LLC

(PRINT NAME OF SIGNATORY)

Ashley Ramsay-Naile

(SIGNATURE)

6/23/2022

(DATE)

CrowderGulf

Disaster Recovery and Debris Management

5629 Commerce Blvd. East
Mobile, AL 36619

Office: (800) 992-6207
Fax: (251) 451-7433

EQUAL EMPLOYMENT OPPORTUNITY

AFFIRMATIVE ACTION PROGRAM

This company is an equal employment opportunity employer. It is the policy of this company to assure that applicants are employed, and that applicants are treated during employment, without regard to their race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law. Such action shall include: employment, upgrading, demotion, transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job-training.

1. Publication and dissemination of this company's written policy of equal employment opportunity.
 - A. Each employee is informed that we are an equal opportunity employer and where our policy is posted.
 - B. Our policy is reviewed annually, or more frequently if required by contract, with all supervisory personnel.
2. Appointment of Equal Employment Officer charged with the responsibility of securing compliance and advising corporate Officials of progress.

Equal Employment Officer: Mary G. White
Office #: 251-478-6848
Email: hr@crowdergulf.com
3. Notification of all recruitment sources that the company, as an equal opportunity employer, solicits referral of qualified applicants without regard to race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law.
4. The upgrading and promotion of employees shall be made based on qualifications and ability without regard to race, religion, sex, color, national origin, age, disability, veteran status, military obligations, genetic information or any other characteristics protected by law.
5. We request from all employees, especially minorities and females, that they refer any qualified friends or relatives to us for employment.
6. All company facilities and activities shall be non-segregated.
7. All Advertisements for employment shall contain the statement, "We are an Equal Opportunity Employer".
8. We continuously monitor, control, evaluate, and obtain feedback in regard to the application of our Equal Employment Opportunity policy at all levels.
9. All personnel activities shall be monitored to ensure that this Equal Employment Opportunity policy is being carried out.
10. CrowderGulf complies with all federal and state laws and regulations regarding Equal Employment Opportunity.
11. In succession to the previous EEO Officer, effective Mary G. White was appointed EEO Officer for the company effective 8/15/2011. Any person who believes he or she has been discriminated against should direct their complaint to Mary G. White.

Ashley Ramsay-Naile
President



Employment Eligibility Verification

Welcome
Kelley James

User ID
KJAM1888

Last Login
01:00 PM - 11/17/2014

[Log Out](#)



Click any for help.

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My Cases

[New Case](#)

[View Cases](#)

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My Company

[Edit Company Profile](#)

[Add New User](#)

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[Close Company Account](#)

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[View Reports](#)

My Resources

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[Contact Us](#)

Company Information

Company Name: CrowderGulf, LLC

[View / Edit](#)

Company ID Number: 312220

Doing Business As (DBA) Name:

DUNS Number:

Physical Location:

Address 1: 5629 COMMERCE BLVD E

Address 2:

City: MOBILE

State: AL

Zip Code: 36619

County: MOBILE

Mailing Address:

Address 1:

Address 2:

City:

State:

Zip Code:

Additional Information:

Employer Identification Number: 010626019

Total Number of Employees: 20 to 99

Parent Organization:

Administrator:

Organization Designation:

Employer Category: None of these categories apply

NAICS Code: 562 - WASTE MANAGEMENT AND REMEDIATION SERVICES

[View / Edit](#)

Total Hiring Sites: 1

[View / Edit](#)

Total Points of Contact: 3

[View / Edit](#)

[View MOU](#)

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697



John B. Scott
Secretary of State

Office of the Secretary of State

Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Application for Registration for CrowderGulf, LLC (file number 801557137), a ALABAMA, USA, Foreign Limited Liability Company (LLC), was filed in this office on February 27, 2012.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on June 14, 2022.



A handwritten signature in black ink, appearing to read "John B. Scott".

John B. Scott
Secretary of State



125 EAST 11TH STREET | AUSTIN, TEXAS 78701-2483 | (512) 463-8588 | WWW.TXDOT.GOV

May 26, 2022

CROWDERGULF, LLC
5629 COMMERCE BLVD. EAST
MOBILE, AL. 36619

RE: TxDOT Vendor Number 15590

Dear Contractor:

Your Confidential Questionnaire is satisfactory and qualifies you to bid on Projects let by the Texas Department of Transportation (TxDOT) from the date of this letter through December 31, 2022.

Your bidding capacity has been set at \$2,995,061,000.00. You may request and receive bidding proposals for projects on which the engineer's estimate does not exceed your bidding capacity less any uncompleted work currently under contract with TxDOT.

If we may be of further assistance, please contact our Pre-qualification Branch at 512/416-2584.

Sincerely,

A handwritten signature in black ink, reading "Greg Williams", is positioned below the word "Sincerely,".

Greg Williams
Director, Letting Management Section
Construction Division



Crowdergulf, LLC

DUNS Unique Entity ID:
195686477

Purpose of Registration:
All Awards

Registration
Status

Expiration Date

● Active

Sep 22, 2022

SAM Unique Entity ID:
TTNUYNSBDQU4

Address:
5629 COMMERCE BLVD E
MOBILE, AL 36619-9225 USA

CAGE/NCAGE:
45ZE0

Entity Information

Status **Active**

Your registration was activated on 2021-09-24. It expires on 2022-09-22 which is one year after you submitted it for processing.

Company Name **Crowdergulf, LLC**

DUNS Unique Entity ID **195686477**



Core Data
Completed

Assertions
Completed

**Reps &
Certs**
Completed

POCs
Completed

Submit
Completed

Processing
Completed

Active
Completed