

AGREEMENT BETWEEN SANTA ROSA COUNTY, FLORIDA
AND TETRA TECH, INC.
(Federal Funding)

THIS AGREEMENT (hereinafter referred to as the “Agreement”) is made this 13th, day of July, 2021 by and between Santa Rosa County, a political subdivision of the state of Florida, (hereinafter referred to as the “County”), with a mailing address of 6495 Caroline Street, Milton, FL 32570, and Tetra Tech, Inc. a for profit organization, authorized to do business in the State of Florida (hereinafter referred to as “Contractor”) whose Federal I.D. # is 95-4148514.

RECITALS

WHEREAS, the County is in need of a contractor to provide Disaster Debris Monitoring and Support Management (“Services”); and

WHEREAS, Request for Proposals 21-039 and;

WHEREAS, Contractor is a certified and insured entity with the necessary experience to provide the desired Services; and

WHEREAS, the County wishes to enter into this Agreement with Contractor to provide the Services to the County fully described in the exhibits attached to this contract.

NOW THEREFORE, in consideration of the promises and the mutual covenants herein, the parties agree as follows:

1. Recitals and Attachments. The Recitals set forth above are hereby incorporated into this Agreement and made part hereof for reference. The following documents are attached to this Agreement and are incorporated herein.

Attachment “A” – Request for Proposals 21-039 and Contractors Scope of Services

Attachment “B” – Insurance Requirements;

Attachment “C” – Title VI list of pertinent nondiscrimination acts and authorities;

Attachment “D” – Scrutinized Companies Certification;

Attachment “E” – Special Conditions – Additional Federal Requirements;

Services. Contractor agrees to perform the following services, support the oversight and management of debris recovery contractors. The selected contractor should be capable of providing a range of related services including damage assessment, training, emergency planning, infrastructure restoration, and other services as needed and ordered by the County. Other services may include, but not limited to, facilitating communication with Florida Department of Transportation (FDOT), Federal Emergency Management Agency (FEMA), Federal Highway Administration (FHWA), the State of Florida and other state and federal agencies, coordination with state insurance representatives, pre-event planning, and post-event reconstruction, grant funding, and reimbursement services. The Services to be provided are further detailed in the Contractor’s proposal attached as Attachment “A” and incorporated herein by reference. The Services shall be performed by Contractor to the full satisfaction of the County. Contractor agrees to have a qualified representative to audit and inspect the Services provided on a regular basis to ensure all Services are being performed in accordance with the County’s needs and pursuant to the terms of this Agreement and shall report to the County

accordingly. Contractor agrees to immediately inform the County via telephone and in writing of any problems that could cause damage to the County. Contractor will require its employees to perform their work in a manner befitting the type and scope of work to be performed.

1. Mobilization. When a written Notice to Proceed has been received by the Contractor it will make arrangements to mobilize a minimum of 25% of the required resources within 48 hours and 100% within 7 days of receipt of the notice of commencement.

2. Term and Renewal. The term of this Agreement shall begin July 13, 2021 and shall continue for a period of Three (3) years from the date of full execution of this Agreement, subject to the County's ability to terminate in accordance with Section 7 of this Agreement. The terms of Section 23 entitled "Indemnification and Waiver of Liability" shall survive termination of this Agreement.

This agreement may be renewed upon mutual written agreement of the parties for a period of up to two, one year renewals.

3. Compensation. The Contractor will be paid for their services provided in accordance with the terms and conditions of this contracts as set forth in the attached Exhibit "A" (RFP response). The maximum contract sum payable by the County to the Contractor per disaster is Not to Exceed Three Million, Five Hundred Thousand Dollars (\$ 3,500,000.00), unless mutually amended and agreed to by the parties in writing. Contractor exceeds the above stated cap at its own risk.

a. Contractor shall submit an invoice to the County upon completion of each task order provided. The invoice shall indicate that all services have been completed for that invoice period. In addition, Contractor agrees to provide the County with any additional documentation requested to process the invoices.

b. Disbursement. Check one:

There are no reimbursable expenses associated with this Agreement.

c. Payment Schedule. Invoices received from the Contractor pursuant to this Agreement will be reviewed by the initiating County Department. Payment will be disbursed as set forth above. If services have been rendered in conformity with the Agreement, the invoice will be sent to the Finance Department for payment. Invoices must reference the contract number assigned by the County after execution of this Agreement. Invoices will be paid in accordance with the State of Florida Local Government Prompt Payment Act.

d. Availability of Funds. The County's performance and obligation to pay under this Agreement is contingent upon annual appropriation for its purpose by the County Commission.

Contractor shall make no other charges to the County for supplies, labor, taxes, licenses, permits, overhead or any other expenses or costs unless any such expenses or cost is incurred by Contractor

with the prior written approval of the County. If the County disputes any charges on the invoices, it may make payment of the uncontested amounts and withhold payment on the contested amounts until they are resolved by agreement with the Contractor. Contractor shall not pledge the County's credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien, or any form of indebtedness. The Contractor further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Agreement.

4. Ownership of Documents and Equipment. All documents prepared by the Contractor pursuant to this Agreement and related Services to this Agreement are intended and represented for the ownership of the County only. Any other use by Contractor or other parties shall be approved in writing by the County. If requested, Contractor shall deliver the documents to the County within fifteen (15) calendar days.

5. Insurance. Contractor shall, at its sole cost and expense, during the period of any work being performed under this Agreement, procure and maintain the minimum insurance coverage required as set forth in Attachment "B" attached hereto and incorporated herein, to protect the County and Contractor against all loss, claims, damages and liabilities caused by Contractor, its agents, or employees.

6. Termination and Remedies for Breach.

- a. If, through any cause within its reasonable control, the Contractor shall fail to fulfill in a timely manner or otherwise violate any of the covenants, agreements or stipulations material to this Agreement, the County shall have the right to terminate the Services then remaining to be performed. Prior to the exercise of its option to terminate for cause, the County shall notify the Contractor of its violation of the particular terms of the Agreement and grant Contractor Fifteen (15) days to cure such default. If the default remains uncured after Thirty (30) days the County may terminate this Agreement, and the County shall receive a refund from the Contractor in an amount equal to the actual cost of a third party to cure such failure. If Contractor fails, refuses or is unable to perform any term of this Agreement, County shall pay for services rendered as of the date of termination.
 - i. In the event of termination, all finished and unfinished documents, data and other work product prepared by Contractor (and sub-Contractor (s)) shall be delivered to the County and the County shall compensate the Contractor for all Services satisfactorily performed prior to the date of termination, as provided in Section 4 herein.
 - ii. Notwithstanding the foregoing, the Contractor shall not be relieved of liability to the County for damages sustained by it by virtue of a breach of the Agreement by Contractor and the County may reasonably withhold payment to Contractor for the purposes of set-off until such time as the exact amount of damages due the County from the Contractor is determined.
- b. Termination for Convenience of County. The County may, for its convenience and without cause immediately terminate the Services then remaining to be performed at

any time by giving written notice. The terms of Paragraph a(i) and a(ii) above shall be applicable hereunder.

- c. Termination for Insolvency. The County also reserves the right to terminate the remaining Services to be performed in the event the Contractor is placed either in voluntary or involuntary bankruptcy or makes any assignment for the benefit of creditors.
- d. Termination for failure to adhere to the Public Records Law. Failure of the Contractor to adhere to the requirements of Chapter 119 of the Florida Statutes and Section 9 below, may result in immediate termination of this Agreement.

7. Governing Law, Venue and Waiver of Jury Trial. This Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. All parties agree and accept that jurisdiction of any dispute or controversy arising out of this Agreement, and any action involving the enforcement or interpretation of any rights hereunder shall be brought exclusively in the First Judicial Circuit in and for Santa Rosa County, Florida, and venue for litigation arising out of this Agreement shall be exclusively in such state courts, forsaking any other jurisdiction which either party may claim by virtue of its residency or other jurisdictional device. In the event it becomes necessary for the County to file a lawsuit to enforce any term or provision under this Agreement, then the County shall be entitled to its costs and attorney's fees at the pretrial, trial and appellate levels. BY ENTERING INTO THIS AGREEMENT, CONTRACTOR AND COUNTY HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT. Nothing in this Agreement is intended to serve as a waiver of sovereign immunity, or of any other immunity, defense, or privilege enjoyed by the County pursuant to Section 768.28, Florida Statutes.

8. Public Records. Any record created by either party in accordance with this Contract shall be retained and maintained in accordance with the public records law, Florida Statutes, Chapter 119. Contractor must comply with the public records laws, Florida Statute chapter 119, specifically Contractor must:

- a. Keep and maintain public records required by the County to perform the service.
- b. Upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in chapter 119 Florida Statutes or as otherwise provided by law.
- c. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the County.
- d. Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the contractor or keep and maintain public records required by the

County to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining the public records. All records stored electronically must be provided to the public agency, upon the request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS WANDA PITTS, (850) 963-1925, wandap@santarosa.fl.gov, 6945 Caroline Street, Milton, FL 32570.

9. **Audit.** The County and/or its designee shall have the right from time to time at its sole expense to audit the compliance by the Contractor with the terms, conditions, obligations, limitations, restrictions, and requirements of this Contract and such right shall extend for a period of three (3) years after termination of this Contract.

10. **Notices.** All notices and other communications required or permitted to be given under this Agreement by either party to the other shall be in writing and shall be sent (except as otherwise provided herein) (i) by certified mail, first class postage prepaid, return receipt requested, (ii) by guaranteed overnight delivery by a nationally recognized courier service, or (iii) by facsimile with confirmation receipt (with a copy simultaneously sent by certified mail, first class postage prepaid, return receipt requested or by overnight delivery by traditionally recognized courier service), addressed to such party as follows:

If to the County:		With a copy to: Public Works 6075 Old Bagdad Highway Milton, FL 32583
If to the Contractor:		Tetra Tech, Inc. 2301 Lucien Way, Ste 120 Maitland, FL 32751

11. **Assignment.** Contractor shall not assign this Agreement or any part thereof, without the prior consent in writing of the County. If Contractor does, with approval, assign this Agreement

or any part thereof, it shall require that its assignee be bound to it and to assume toward Contractor all of the obligations and responsibilities that Contractor has assumed toward the County.

12. Subcontracting. Contractor shall not subcontract any services or work to be provided to County without the prior written approval of the County's Representative. The County reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Agreement. The County's acceptance of a subcontractor shall not be unreasonably withheld. The Contractor is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities. Additionally, any subcontract entered into between the Contractor and subcontractor will need to be approved by the County prior to it being entered into and said agreement shall incorporate in all required terms in accordance with local, state and federal regulations.

13. Civil Rights. The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision binds the Contractor and subcontractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

14. Compliance with Nondiscrimination Requirements. During the performance of this Agreement, the Contractor, for itself, its assignees, and successors in interest, agrees as follows:

a. Compliance with Regulations: The Contractor will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated and attached hereto as Attachment "C".

b. Nondiscrimination: The Contractor, with regard to the work performed by it during the Agreement, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

c. Solicitations for Subcontracts, including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.

d. Information and Reports: The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may

be determined by the County or other governmental entity to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the County or the other governmental entity, as appropriate, and will set forth what efforts it has made to obtain the information.

e. Sanctions for Noncompliance: In the event of a Contractor's noncompliance with the non-discrimination provisions of this contract, the County will impose such contract sanctions as it or another applicable state or federal governmental entity may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the Contractor under the Agreement until the Contractor complies; and/or
- b. Cancelling, terminating, or suspending the Agreement, in whole or in part.

f. Incorporation of Provisions: The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the County may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the County to enter into any litigation to protect the interests of the County. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

15. Procurement of Recovered Materials. Contractor and any subcontractors agree to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, and the regulatory provisions of 40 CFR Part 247. In the performance of this contract and to the extent practicable, the Contractor and subcontractors are to use products containing the highest percentage of recovered materials for items designated by the Environmental Protection Agency (EPA) under 40 CFR Part 247 whenever:

- 1) The contract requires procurement of \$10,000 or more of a designated item during the fiscal year; or
- 2) The contractor has procured \$10,000 or more of a designated item using Federal funding during the previous fiscal year.

The list of EPA-designated items is available at www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products.

Section 6002(c) establishes exceptions to the preference for recovery of EPA-designated products if the contractor can demonstrate the item is:

- a) Not reasonably available within a timeframe providing for compliance with the contract performance schedule;
- b) Fails to meet reasonable contract performance requirements; or
- c) Is only available at an unreasonable price.

16. Debarment and Suspension. Contractor as part of the procurement response, Attachment “A” has submitted to the County a certification that Contractor and its principals, if applicable, are not presently debarred or suspended by any Federal department or agency from participating in this transaction. Contractor now agrees to verify, to the extent applicable, that for each lower tier subcontractor that exceeds \$25,000 as a “covered transaction” under the Services to be provided is not presently disbarred or otherwise disqualified from participating in the federally assisted services. The Contractor agrees to accomplish this verification by:

1. Checking the System for Award Management at website: <http://www.sam.gov>.
2. Collecting a certification statement similar to the Certification of Offeror/Bidder Regarding Debarment, above.
3. Inserting a clause or condition in the covered transaction with the lower tier contract.

17. Minority/Women’s Business Enterprises. Contractor must take all necessary affirmative steps to assure that minority businesses, women’s business enterprises, and labor surplus area firms are used when possible, in accordance with 2 CFR 200.321. If subcontracts are to be let, prime contractor will require compliance by all sub-contractors. Information regarding certified M/WBE firms can be obtained from (the following list is not exhaustive):

- Florida Department of Management Services (Office of Supplier Diversity);
- Florida Department of Transportation;
- Minority Business Development Center in most large cities; and
- Local Government M/DBE programs in many large counties and cities.

18. Compliance with Laws. Contractor shall secure any and all permits, licenses and approvals that may be required in order to perform the Services, shall exercise full and complete authority over Contractor’s personnel, shall comply with all workers’ compensation, employer’s liability and all other federal, state, county, and municipal laws, ordinances, rules and regulations required of an employer performing services such as the Services, and shall make all reports and remit all withholdings or other deductions from the compensation paid to Contractor’s personnel as may be required by any federal, state, county, or municipal law, ordinance, rule, or regulation.

19. Conflict of Interest. The Contractor covenants that it presently has no interest and shall not acquire any interest, directly or indirectly which could conflict in any manner or degree with the performance of the Services. The Contractor further covenants that in the performance of this Agreement, no person having any such interest shall knowingly be employed by the Contractor.

The Contractor guarantees that he/she has not offered or given to any member of, delegate to the Congress of the United States, any or part of this contract or to any benefit arising therefrom.

20. Independent Contractor. Contractor enters into this Agreement as, and shall continue to be, an independent contractor. All services shall be performed only by Contractor and Contractor's employees. Under no circumstances shall Contractor or any of Contractor's employees look to the County as his/her employer, or as partner, agent or principal. Neither Contractor, nor any of Contractor's employees, shall be entitled to any benefits accorded to the County's employees, including without limitation worker's compensation, disability insurance, vacation or sick pay. Contractor shall be responsible for providing, at Contractor's expense, and in Contractor's name, unemployment, disability, worker's compensation and other insurance as well as licenses and permits usual and necessary for conducting the services to be provided under this Agreement.

21. Third Party Beneficiaries. It is specifically agreed between the parties executing this Agreement that it is not intended by any of the provisions of any part of the Agreement to create in the public or any member thereof, a third party beneficiary under this Agreement, or to authorize anyone not a party to this Agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Agreement.

22. Indemnification and Waiver of Liability. The Contractor agrees, to the fullest extent permitted by law, to defend, indemnify and hold harmless the County, its agents, representatives, officers, directors, officials and employees from and against claims, damages, losses and expenses (including but not limited to attorney's fees, court costs and costs of appellate proceedings) relating to, arising out of or resulting from the Contractor's negligent acts, errors, mistakes or omissions relating to professional Services performed under this Agreement. The Contractor's duty to defend, hold harmless and indemnify the County its agents, representatives, officers, directors, officials and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury; sickness; disease; death; or injury to impairment, or destruction of tangible property including loss of use resulting therefrom, caused by any negligent acts, errors, mistakes or omissions related to Services in the performance of this Agreement including any person for whose acts, errors, mistakes or omissions the Contractor may be legally liable. The parties agree that TEN DOLLARS (\$10.00) represents specific consideration to the Contractor for the indemnification set forth herein.

The waiver by a party of any breach or default in performance shall not be deemed to constitute a waiver of any other or succeeding breach or default. The failure of the County to enforce any of the provisions hereof shall not be construed to be a waiver of the right of the County thereafter to enforce such provisions.

23. Taxes and Assessments. Contractor agrees to pay all sales, use, or other taxes, assessments and other similar charges when due now or in the future, required by any local, state or federal law, including but not limited to such taxes and assessments as may from time to time be imposed by the County in accordance with this Agreement. Contractor further agrees that it shall protect, reimburse and indemnify County from and assume all liability for its tax and assessment obligations under the terms of the Agreement.

The County is exempt from payment of Florida state sales and use taxes. The Contractor shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the County, nor is the Contractor authorized to use the County's tax exemption number in securing such materials.

The Contractor shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes, and benefits with respect to this Agreement.

24. Prohibition Against Contracting with Scrutinized Companies. Pursuant to Florida Statutes Section 215.4725, contracting with any entity that is listed on the Scrutinized Companies that Boycott Israel List or that is engaged in the boycott of Israel is prohibited. Contractors must certify that the company is not participating in a boycott of Israel. Any contract for goods or services of One Million Dollars (\$1,000,000) or more shall be terminated at the County's option if it is discovered that the entity submitted false documents of certification, is listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria after July 1, 2018.

Any contract entered into or renewed after July 1, 2018 shall be terminated at the County's option if the company is listed on the Scrutinized Companies that Boycott Israel List or engaged in the boycott of Israel. Contractors must submit the certification that is attached to this agreement as Attachment "D". Submitting a false certification shall be deemed a material breach of contract. The County shall provide notice, in writing, to the Contractor of the County's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination was in error. If the Contractor does not demonstrate that the County's determination of false certification was made in error, then the County shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute Section 215.4725.

25. Special Conditions – Additional Federal Requirements. As some or all of the Services to be provided under this Agreement may be funded with federal funds. Contractor agrees to adhere to the required additional federal requirements set forth in Attachment "E" and incorporated herein by reference.

26. Grant or Agreement Requirements. Through the course of this Agreement the County may be awarded state or federal grants that may fund some or all of the Services to be provided under this agreement. Contractor will be provided a copy of the executed grant agreement and agrees to comply with all the requirements of the grant agreement.

27. Inconsistencies and Entire Agreement. If there is a conflict or inconsistency between any term, statement, requirement, or provision of any attachment attached hereto, any document or events referred to herein, or any document incorporated into this Agreement, the term, statement, requirement, or provision contained in this Agreement shall prevail and be given superior effect and priority over any conflicting or inconsistent term, statement, requirement or provision contained in any other document or attachment, including but not limited to Attachments listed in Section 1.

28. Severability. If any term or condition of this Contract shall be deemed, by a court having appropriate jurisdiction, invalid or unenforceable, the remainder of the terms and conditions of this Contract shall remain in full force and effect. This Contract shall not be more strictly construed against either party hereto by reason of the fact that one party may have drafted or prepared any or all the terms and provisions hereof.

29. Entire Agreement. This Agreement contains the entire agreement of the parties, and may be amended, waived, changed, modified, extended or rescinded only by in writing signed by the party against whom any such amendment, waiver, change, modification, extension and/or rescission is sought.

30. Representation of Authority to Contractor/Signatory. The individual signing this Agreement on behalf of Contractor represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Agreement. The signatory represents and warrants to the County that the execution and delivery of this Agreement and the performance of the Services and obligations hereunder have been duly authorized and that the Agreement is a valid and legal agreement binding on the Contractor and enforceable in accordance with its terms.

31. Access to Records. The following access to records requirements apply to this contract:

1. 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.
2. 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.
3. 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.
4. In compliance with the Disaster Recovery Act of 2018, the (write in name of the non-federal entity) and the Contractor 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.

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.


This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives

“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.

“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.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement in duplicate on the day and year first written above.

WITNESS:



Signature
Betty Kamara, Contracts Manager
Print Name

BY: 


Jonathan Burgiel, Business Unit President

ATTEST:

SANTA ROSA COUNTY, FLORIDA



Donald C. Spencer, Clerk of Court

BY: 

David C. Piech, Chairman



Attachment "A"

SANTA ROSA COUNTY, FLORIDA



RFP 21-039 Disaster Debris Monitoring and Support Management

June 2021

**OWNER: BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA**

**SAM PARKER
ROBERT A. "BOB" COLE
JAMES CALKINS
DAVE PIECH
COLTEN WRIGHT**

**-DISTRICT I
-DISTRICT II
-DISTRICT III
-DISTRICT IV
-DISTRICT V**

SECTION I.
Request for Proposal

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SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

MEMORANDUM

TO: Company Addressed DATE: June 9, 2021

FROM: Santa Rosa County Procurement Office

SUBJECT: RFP 21-039 Disaster Debris Monitoring and Support Management

Santa Rosa County is seeking proposals from qualified firms to provide professional services to monitor and manage disaster debris collection for the County. The Contractor is expected to be highly knowledgeable in Federal Emergency Management Agency (FEMA) and Federal Highway Administration regulations, guidelines, and operating policies. The Contractor will also serve as an advisor and support the County through a disaster recovery effort.

It is the intent of the County to enter into a three (3) year term contract, with a renewal clause for two (2) additional one (1) year renewal terms for services.

All bids must be in writing and delivered by hand, overnight courier service, or U.S. Mail to the Santa Rosa County Procurement Department, 6495 Caroline Street, Suite M, Milton, Florida 32570, and **must be received by 10:00 a.m. on June 24, 2021**, at which time will be publicly opened. Only bids received by the afore stated time and date will be considered. E-mailed proposal responses will be rejected. All bids shall be sealed and clearly labeled, "**RFP 21-039 Disaster Debris Monitoring and Support Management**". Please provide the original proposal, labeled "ORIGINAL", and one (1) copy labeled "COPY" along with one (1) electronic file in OCR (readable) PDF format.

Specifications may be secured by download from the Santa Rosa County Website: <https://www.santarosa.fl.gov/391/Procurement-Office> "Bid Opportunities". Questions concerning this request should be directed to the Santa Rosa County Procurement Office in writing at bidinfo@santarosa.fl.gov prior to **4:30 p.m. on June 16, 2021**.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, and disadvantaged business enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

The Board of County Commissioners reserves the right to waive irregularities in bids, to reject any or all bids with or without cause, and to award the bid that it determines to be in the best interest of Santa Rosa County.

By order of the Board of County Commissioners of Santa Rosa, Florida

SECTION II.
INSTRUCTIONS AND SUBMITTAL
REQUIREMENTS

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PRE-PROPOSAL ACTIVITY

Except as provided in this section, respondents are prohibited from contacting or lobbying the County, County Administrator, Commissioners, County staff, and Review Committee members, or any other person authorized on behalf of the County related or involved with the solicitation. All inquiries on the scope of work, specifications, additional requirements, attachments, terms and general conditions or instructions, or any issue must be directed in writing, by US mail or email to: Santa Rosa County Procurement Office, 6495 Caroline Street, Suite L Milton Fl. 32570. Email; Bidinfo@santarosa.fl.gov.

All questions or inquiries must be received no later than the last day for questions stated in the RFP & Legal Notice. Any addenda or other modification to the bid documents will be issued by the County five (5) days prior to the date and time of bid closing, as written addenda, and will be posted to the Santa Rosa County website at <https://www.santarosa.fl.gov> keyword; Bids.

Such written addenda or modification shall be part of the bid documents and shall be binding upon each respondent. Each respondent is required to acknowledge receipt of any and all addenda in writing and submit with their bid. No respondent may rely upon any verbal modification or interpretation.

PROPOSED SCHEDULE

Request for Proposal Published	June 9, 2021
Deadline for Questions	June 16, 2021 @ 4:30 p.m.
Proposals Due	June 24, 2021 @ 10:00 a.m.

PREPARATION OF RFP

The respondent shall submit proposals in accordance with the public notice.

Any proposal which contains any omissions, erasures, alterations, additions, irregularities of any kind, or items not called for which shall in any manner fail to conform to the conditions of public notice may be rejected.

A proposal submitted by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature). The official address of the partnership shall be shown below the signature.

A proposal submitted by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.

A proposal submitted by an individual shall show the respondent's name and official address.

A proposal submitted by a joint venture shall be executed by each joint venture in the manner indicated on the bid form. The official address of the joint venture must be shown below the signature.

It is preferred that all signatures be in blue ink with the names type or printed below the signature. Santa Rosa County does not accept electronic signatures in proposal submissions.

The proposal shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the form. The address and telephone # for communications regarding the bid shall be shown.

If the respondent is an out-of-state corporation, the bid shall contain evidence of respondent's authority and qualification to do business as an out-of-state corporation in the State of Florida. A state contractor license # for the State of Florida shall also be included on the bid form. Respondent shall be licensed in accordance with the requirements of Chapter 489, Florida Statutes.

The proposal shall be based upon the completion of the Work according to the drawings and specifications, together with all addenda thereto.

SUBMITTAL OF PROPOSAL

A proposal shall be submitted no later than the date and time prescribed and at the place indicated in the advertisement or invitation to bid and shall be sealed and clearly labeled with the words "**RFP 21-039 Disaster Debris Monitoring and Support Management**", name of respondent/firm and date and time of opening so as to guard against premature opening of any bid and shall be accompanied by the bid security and other required documents. It is the respondent's responsibility to assure that its proposal is delivered at the proper time and place. Offers by email, facsimile, or telephone will NOT be accepted.

INTEGRITY OF PROPOSAL DOCUMENTS

Respondents shall use the original documents provided by the Santa Rosa County Procurement Office and enter information only in the spaces where a response is requested. Respondents may use an attachment to the documents if sufficient space is not available. Any modifications or alterations to the original documents by the respondent, whether intentional or otherwise, will constitute grounds for rejection of a bid. Any such modification or alteration that a respondent wishes to propose must be clearly stated in the respondent's response in the form of an addendum to the original bid documents.

WITHDRAWAL OF SUBMITTALS

Any Respondent may withdraw its Submittal, either personally or by written request, at any time prior to the scheduled time for opening Submittals.

INTERPRETATION

No oral interpretation will be made to any Respondent as to the meaning of the drawings or specifications. Every interpretation made to a Respondent will be in the form of an Addendum to the specifications. Addenda will be furnished to each Respondent, but it shall be the Respondent's responsibility to make inquiry as to Addenda issued. All such addenda shall become part of the contract and all Responders shall be bound by such Addenda whether or not received by the Responders.

PROPOSALS TO REMAIN SUBJECT TO ACCEPTANCE

All responses will remain subject to acceptance or rejection by Santa Rosa County for sixty (60) calendar days after the day of the response opening. The County may, in its sole discretion, release any response and return the response security prior to the end of this period.

CONDITIONAL & INCOMPLETE PROPOSALS

Santa Rosa County specifically reserves the right to reject any conditional response.

ADDITION/DELETION OF ITEM

The County reserves the right to add or delete any item from this response or resulting contract when deemed to be in the County's best interest.

SPECIFICATION EXCEPTIONS

Specifications are based on the most current literature available. Respondent shall clearly list any change in the manufacturer's specifications which conflict with the proposal specifications. Respondent must also explain any deviation from the proposal specification in writing, as a foot note on the applicable bid page and enclose a copy of the manufacturer's specifications data detailing the changed item(s) with their bid. Failure of the respondent to comply with these provisions will result in respondents being held responsible for all costs required to bring the equipment in compliance with bid specifications.

FAMILIARITY WITH LAWS

All applicable Federal and State laws, County and municipal ordinances, orders, rules and regulations of all authorities having jurisdiction over the project shall apply to the bid throughout, and they will be deemed to be included in the contract the same as though they were written in full therein.

EXAMINATION OF DOCUMENTS AND SITE

Before submitting their proposal, the Respondent shall familiarize themselves with the nature and extent of the work and any local conditions that may in any manner affect the work to be done and the equipment, materials, and labor required. Respondent shall also examine all drawings, specifications, addenda and other Contract Documents to be thoroughly informed regarding any and all conditions and requirements that may in any manner affect the work to be performed under the contract.

RIGHT TO REJECT PROPOSAL

The Owner reserves the right to waive informalities in bids to reject any or all proposals with or without cause and accept the proposal that in its judgment is in the best interest of the County.

DISQUALIFICATION OF RESPONDENTS

Any of the following reasons may be considered as sufficient for the disqualification of a respondent and the rejection of its proposal:

Submission of more than one proposal for the same work from an individual, firm or corporation under the same or different name. Evidence that the respondent has a financial interest in the firm of another respondent for the same work.

Evidence of collusion among respondents. Participants in such collusion will receive no recognition as respondents for any future work of the County until such participant has been reinstated as a qualified respondent.

Uncompleted work which in the judgment of the County might hinder or prevent the prompt completion of additional work if awarded.

Failure to pay or satisfactorily settle all bills due for labor and material on former contracts in force at the time of advertisement of proposals. Default under previous contract.

Listing of the respondent by any Local, State or Federal Government on its barred/suspended vendor list.

DISCRIMINATION

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a response on a contract to provide goods or services to a public entity, may not submit a response on a contract with a public entity for the construction or repair of a public building or public work, may not submit responses on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

REVIEW OF PROCUREMENT DOCUMENTS

Per Florida Statute 119.071 (1) 2, sealed bids, proposals, or replies received by the County pursuant to a competitive solicitation are exempt from public disclosure until such time as the County provides notice of an intended decision or until 30 days after opening the responses, proposals, or final replies, whichever is earlier.

COMPLIANCE WITH FLORIDA STATUTE 119.0701

The Respondent shall comply with all the provisions of section 119.0701, Florida Statutes relating to the public records which requires, among other things, that the Respondent: (a) Keep and maintain public records; (b) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records; (c) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the respondent upon termination of the contract.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE

CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (850) 983-1925, wandap@santarosa.fl.gov; 6495 CAROLINE STREET, SUITE C, MILTON, FLORIDA 32570.

SUSPENSION OR TERMINATION FOR CONVENIENCE

The County may, at any time, without cause, order Respondent in writing to suspend, delay or interrupt the work in whole or in part for such period of time as the County may determine, or to terminate all or a portion of the Contract for the County's convenience. Upon such termination, the Contract Price earned to the date of termination shall be paid to Respondent, but Respondent waives any claim for damages, including loss of profits arising out of or related to the early termination. Those Contract provisions which by their nature survive final acceptance shall remain in full force and effect. If the County orders a suspension, the Contract price and Contract time may be adjusted for increases in the cost and time caused by suspension, delay or interruption. No adjustment shall be made to the extent that performance is, was or would have been so suspended, delayed or interrupted by reason for which Respondent is responsible; or that an equitable adjustment is made or denied under another provision of this Contract.

FAILURE OF PERFORMANCE/DELIVERY

In case of default by the Vendor, the County after due notice (oral or written) may procure the necessary supplies or services from other sources and hold the Vendor responsible for difference in cost incurred. Continuous instances of default shall result in cancellation of the award and removal of the Vendor from the response list for duration of one (1) year, at the option of the County.

AUDIT

If requested, respondent shall permit the County or an authorized, independent audit agency to inspect all data and records of respondent relating to its performance and its subcontracts under this bid from the date of the award through three (3) years after the expiration of contract.

NON-COLLUSION

Respondent certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful or wrongful act, or any act which may result in an unfair advantage over other respondents. See Florida Statute 838.22.

PUBLIC ENTITY CRIME INFORMATION

Pursuant to Florida Statute 287.133, a respondent may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided

in s. 287.017 for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

INVESTIGATION OF RESPONDENT

The County may make such investigations, as it deems necessary to determine the stability of the respondent to perform the work and that there is no conflict of interest as it relates to the project. The respondent shall furnish to the Owner any additional information and financial data for this purpose as the County may request.

CONE OF SILENCE CLAUSE

The Santa Rosa County Board of County Commissioners has established a solicitation silence policy (Cone of Silence Clause) that prohibits oral and written communication regarding all formal solicitations for goods and services (formal bids, Request for Proposals, Requests for Qualifications) issued by the Board through the Procurement Office. The period commences from the date of advertisement until award of contract. All communications shall be directed to the Procurement Office.

Note: For respondent's convenience, this certification form is enclosed and is made a part of the bid package.

EVALUATION OF PROPOSALS AND AWARD OF CONTRACT

Santa Rosa County Staff will review all bids and will provide the recommendation to award to the Procurement Office, the County Administrator and the Board of County Commissioners. The County will award the bid to the responsive and responsible vendor(s) with the lowest responsive bid(s). The County reserves the right to award the bid to the respondent submitting a responsive bid with a resulting negotiated agreement which is most advantageous and in the best interest of the County, and to reject any and all bids or to waive any irregularity or technicality in bids received. Santa Rosa County shall be the sole judge of the bid and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Santa Rosa County reserves its right to reject any or all Responses, including without limitation nonconforming, nonresponsive, unbalanced or conditional Bids. The County further reserves the right to reject the Response of any Responder whom it finds after reasonable inquiry and evaluation to not be responsible. In evaluating Responses, the County may consider the qualifications of Responders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted with the Response.

Santa Rosa County reserves the right to waive any informalities or reject any and all Responses, in whole or part, to utilize any applicable state contracts in lieu of or in addition to this Response and to accept the Response that in its judgment will best serve the interest

of the County.

FORM OF AGREEMENT

The Contract form shall be provided by the Procurement Office. The successful contractor shall, within 10 days after receipt of the Notice of Award and the contract forms or documents, sign and deliver to the County Procurement Office all required contract documents. The awarded contractor shall also deliver the policies of insurance or insurance certificate as required. All insurance documents shall be approved by Santa Rosa County Procurement Office before the successful contractor may proceed with the work.

SYSTEM OF AWARD MANAGEMENT

All respondents must be registered with the Federal System of Award Management (SAM) and be up to date on all registration requirements at the time of submitting a response to this Request for Bids. Failure to do so will result in respondent's submittal being deemed as unresponsive.

PROCUREMENT OF RECOVERED MATERIALS

All respondents must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

DOMESTIC PREFERENCE

Although the County has no local preference, in accordance with 2 C.F.R. 200.322, the County may consider preference for the use of products and materials produced in the United States.

CONTRACT WITH THE ENEMY

In accordance with 2 C.F.R. 200.215, it is acknowledged that no services under this contract are to be performed outside the United states and its territories nor in support of a contingency operation in which members of the Armed Forces are actively engaged in hostilities.

MISC. FEDERAL REQUIREMENTS

All respondents should be aware that some federal funds may be utilized in the course of services being performed under this agreement, as such, respondent agrees that it shall adhere to all necessary federal regulations. Further, the respondent acknowledges that the Federal

government is not a party to this agreement and is not subject to any obligations or liabilities to the non-federal entity, Respondent, or any other party pertaining any matter resulting from any award. Should a federal awarding agency require adherence to Supplemental Standard Terms and Conditions relevant to any award hereunder, such conditions will be included for review and approval as a condition any amendment or task order.

UNAUTHORIZED ALIENS/PATRIOT'S ACT

The knowing employment by respondent or its subcontractors of any alien not authorized to work by the immigration laws is prohibited and shall be a default of the contract. In the event that the respondent is notified or becomes aware of such default, the respondent shall take steps as are necessary to terminate said employment with 24 hours of notification or actual knowledge that an alien is being employed. Respondent's failure to take such steps as are necessary to terminate the employment of any said alien within 24 hours of notification or actual knowledge that an alien is being employed shall be grounds for immediate termination of the contract. Respondent shall take all commercially reasonable precautions to ensure that it and its subcontractors do not employ persons who are not authorized to work by the immigration laws.

PROTECTION OF RESIDENT WORKERS

The Santa Rosa County Board of County Commissioners actively supports the Immigration and Nationality Act (INA) which includes provisions addressing employment eligibility, employment verifications, and nondiscrimination. Under the INA, employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired, which includes completing the Employment Eligibility Verifications. The respondent shall establish appropriate procedures and controls so no services or products under the Contract Documents will be performed or manufactured by any worker who is not legally eligible to perform such services or employment. Santa Rosa County reserves the right to request documentation showing compliance with the requirements.

Respondents doing construction business with Santa Rosa County are required to use the Federal Government Department of Homeland Security's website and use the E-Verify Employment Eligibility Verifications System to confirm eligibility of all employees to work in the United States.

SECTION III.
SANTA ROSA COUNTY DOCUMENTS AND FORMS

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SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

BID SUBMISSION CHECKLIST

RFP 21-039 Disaster Debris Monitoring and Support Management

Contractor Name: _____

- _____ Sealed Bid Package with Bid Name and Number, Firm name and Address with Contact information clearly marked on the outside of envelope/box.
- _____ 1 Original Bid Package and 1 Copy with 1 Electronic Copy in .pdf on a CD or USB Drive
- _____ Bid Submittal Checklist attached to top of Original Bid Package
- _____ Bid Form
- _____ Cone of Silence
- _____ Sworn Statement Public Entity Crimes
- _____ Debarment Form
- _____ References Form
- _____ Conflict of Interest Form
- _____ Copy of current Required Insurance declaration page with Santa Rosa County named interest, or, Letter of Insurability from Carrier stating that the levels of coverage will be obtained.
- _____ Proof of business registration with the state of Florida
- _____ Proof of registration with the Federal System of Award Management (SAM)

All required documentation submitted must be updated with most current and complete information from date of bid opening) including notarizations where required. Failure to submit all required forms may result in your submittal being deemed non-responsive. **ATTACH THIS PAGE TO THE TOP OF YOUR BID SUBMISSION**

Firm: _____

By: _____
(Print)

Signature: _____

Title: _____

Date: _____



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

CONE OF SILENCE FORM

SRC Procurement Form COS 013_01_091619

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the bidder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub-consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after bids are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, _____ representing _____
(Print) (Company)

On this _____ day of _____ 2020 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.

(Signature)



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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SWORN STATEMENT UNDER SETION 287.133 (3) (A) FLORIDA STATUTE ON PUBLIC ENTITY CRIMES

SRC Procurement Form SSPEC 016 01 091619

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Proposal or Contract for: _____

2. This sworn statement is submitted by, _____, whose business address is, _____, and (if applicable) Federal Employer Identification Number (FEIN) is _____ (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is _____ and my relationship to the entity named above is _____ (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any bid or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.



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8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

- Neither the entity submitting this sworn statement, nor any officers, directors, executive, partners, shareholders, employees, member, or agents who are active in management of the entity, nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 And (please attach a copy of the final order)
- The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
- The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the department of General Services)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM

Name

Signature

Date

PERSONALLY APPEARED BEFORE ME, the undersigned authority, who, after first being sworn by me, affixed his/her signature at the space provided above on this day of _____, 20____, and is personally known to me, or has provided _____ as identification.

STATE OF FLORIDA
COUNTY OF: _____
My Commission expires: _____

Notary Public



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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DEBARMENT FORM

SRC Procurement Form Debar 022_00_082719

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: _____ Title: _____

Signature: _____

Firm: _____

Street Address: _____

City: _____

State: _____ Zip Code: _____

Solicitation Name _____ # XX-XXX _____



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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REFERENCES FORM

SRC Procurement Form Memo 024_00_082719

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME _____
PROPOSAL POINT OF CONTACT _____ PHONE _____
EMAIL _____

REFERENCE I.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):



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REFERENCE II.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

REFERENCE III.

PROJECT NAME: _____

AGENCY: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

CONTACT PERSON: _____

TITLE: _____

EMAIL: _____

TELEPHONE: _____

PROJECT COST: _____

COMPLETION DATE: _____

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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CONFLICT OF INTEREST DISCLOSURE FORM

SRC Procurement Form COS 027_00_091319

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: _____

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: _____

BY (PRINTED): _____

BY (SIGNATURE): _____

TITLE: _____

ADDRESS: _____ State _____ Zip Code _____

PHONE NO: _____

E-MAIL: _____

Date: _____

Santa Rosa County
Insurance Requirements
March 2021

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of **1,000,000** per person/**1,000,000** per accident and **1,000,000** for property damage are required.

This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

- 1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:
 - a. Santa Rosa County shall be named as an additional insured on all coverages except workers' compensation.

b. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.

2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.

3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

Insurance Checklist

Proposal/Project Reference_RFP 21-039 Disaster Debris Monitoring and Support Management

Required Coverage (Marked by "X")	Minimum Limits
1. <input type="checkbox"/> Workers Compensation Proprietor/Executive Officers Exclusion not allowed	\$100,000. Employers Liab. \$100,000. Accident –Disease \$500,000. Disease policy Limit
2. <input type="checkbox"/> Commercial General Liability Including Premises operations-Products completed ops Contractual Liability and Personal and advertising Liability	\$1,000,000. CSL \$2,000,000. Annual Aggregate
3. <input checked="" type="checkbox"/> Automobile Liability – including Hired and Non- Owned	\$1,000,000. CSL
4. <input type="checkbox"/> Professional Liability coverage	\$1,000,000. Per Occurrence
5. <input type="checkbox"/> Asbestos Removal Liability	\$2,000,000. Per Occurrence
6. <input type="checkbox"/> Medical Malpractice	\$1,000,000 Per Occurrence
7. <input type="checkbox"/> Garage Liability	\$1,000,000. BI/PD- Occurrence
8. <input type="checkbox"/> Garage Keepers Liability	\$500,000. Comprehensive \$500,000. Collision
9. <input type="checkbox"/> Inland Marine- Bailee’s Insurance	\$ _____
10. <input type="checkbox"/> Moving and Rigging Floater	Endorsement to CGL
11. <input type="checkbox"/> Crime/Dishonesty Bond	\$ _____
12. <input type="checkbox"/> Builders Risk/Installation Floater – Provide coverage in Full amount of Contract.	
13. <input type="checkbox"/> Owner’s Protective Liability	\$ _____
14. <input type="checkbox"/> Excess/Umbrella Liability	\$ _____

General Requirements

- A. Carrier rating shall be A.M. Best rating of B++V or Better.
- B. Notice of Cancellation or Non-renewal or material change in coverage shall be provided to Santa Rosa County at least 30 days prior to action.
- C. Santa Rosa County shall be named as Additional Insured on all policies except Workers' Compensation.

Approved by the BOCC March 23, 2021

SECTION IV.
PROJECT MANUAL, SPECIFICATIONS, PLANS AND
SUPPORTING DOCUMENTATION

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SCOPE OF WORK

BACKGROUND

Santa Rosa County is a coastal community and is vulnerable to natural and manmade disasters including hurricanes, tornadoes, floods, oil spills, fires, earthquakes, and hazardous material releases.

Disasters such as hurricanes often produce large volumes of debris. Debris and damaged trees create hazardous conditions including blocked roadways/drives and obstacles to emergency vehicles. These hazards and obstacles often block routine, essential, and emergency traffic, both vehicular and pedestrian.

The County requires services to support the oversight and management of debris recovery contractors. The selected contractor should be capable of providing a range of related services including damage assessment, training, emergency planning, infrastructure restoration, and other services as needed and ordered by the County. Other services may include, but not limited to, facilitating communication with Florida Department of Transportation (FDOT), Federal Emergency Management Agency (FEMA), Federal Highway Administration (FHWA), the State of Florida and other state and federal agencies, coordination with state insurance representatives, pre-event planning, and post-event reconstruction, grant funding, and reimbursement services.

It is the intent of the County to enter into a three (3) year term contract, with a renewal clause for two (2) additional one (1) year renewal terms for services.

GENERAL SCOPE OF WORK: Santa Rosa County requests proposals for Emergency Debris Monitoring Services by individuals and/or organization(s):

1. Santa Rosa County requires the support of contract debris monitors following a disaster. The contract monitors are necessary to support the debris removal from public rights-of-way and public property, monitoring the reduction and disposal sites, as well as roving monitors to assure debris management plan and contracts are effectively and efficiently implemented.
2. Within 24 hours of notification, the Contractor will provide an on-site management contact or project manager to assist in the oversight of pre-event staging of debris contractors, planning, and logistics. This contact should be the main point of contact throughout the recovery project. Within 72 hours of notification, the Contractor shall be able to provide adequate number of qualified personnel (all personnel shall be a minimum of 18 years of age and have a valid driver's license issued in the United States) to monitor up to 30 debris removal sites and 5 reduction/disposal sites along with associated roving monitors. The Contractor will be required to increase or reduce its staffing from this point depending on severity of debris generating event.
3. The Contractor shall provide all monitors with appropriate personal protective equipment to include but not limited to eye protection, hearing protection, safety vests, hard hats, and wet and cold weather clothing, to comply with all federal, state and local

requirements.

4. The Contractor shall provide a mandatory debris monitor training session for all its supervisors and monitors prior to the start of the first shift and periodically as needed to ensure compliance with all federal, state, and local regulations for safety and debris management.
5. The Contractor shall provide all transportation and communication equipment necessary to remain in contact with its own staff, the County, the debris contractor, and all required logistical support vendors and organizations.
6. Immediately following the storm, Contractor will establish points of contact with other contractors, confirm the previously established geographical divide of Santa Rosa County by zone and make any recommendations for changes, assign contractors to zones at the direction of the County, inform other contractors of the locations of existing Debris Management Sites (DMS), and identify new DMSs as needed.
7. The Contractor will establish a Debris Management Center in the County to include Call Center Hotline for public information. In the event of a catastrophic event, the County will assist the Contractor in obtaining a location.
8. All monitoring will be done in compliance with FEMA and State guidelines and will abide by any Santa Rosa County Requirements.
9. All monitors shall have GPS capability for the purpose of recording exact locations of debris removal and validating the progress of debris removal; ex: ...documenting a street is cleared on a last pass.

The selected firm must handle debris monitoring activities in Santa Rosa County in accordance with applicable regulations of the Federal Emergency Management Agency (FEMA), Federal Highway Administration (FHWA), Florida Department of Transportation (FDOT), Florida Department of Health (FDH), Natural Resources Conservation Services (NRCS), and the Florida Department of Environmental Protection (FDEP) in conjunction with the County's needs. The firm must have an excellent understanding of the documentation involved for the reimbursement from FEMA, FHWA, other Federal Agencies, and the State relief programs to make the process of cost recovery efficient and accurate. The processes and documentation required will be in strict compliance with FEMA, FHWA, or Other Federal Agencies, and other State relief program regulations regarding eligibility. The selected firm shall assist the County with disaster debris management services to include, but not limited to:

- Assist in the development of a disaster debris management plan by meeting with County prior to the start of hurricane season each year.
- Develop forms, databases, etc. for tracking field activities, submitting invoicing to FEMA, other Federal and State Agencies, etc. Such forms and invoices must be compatible with County software and approved by County personnel.
- Provide training to County staff in essential debris management and collection functions to ensure appropriate and responsive interface with disaster debris collection contractor and County, State and Federal agencies.

- Provide field inspectors to monitor disaster debris collection contractors (cleanup crews) to ensure collection is provided in accordance with County, State, and FEMA standards, including contractual provisions specified in County disaster debris collection contract.
- Provide field inspectors at designated check points to check and verify information on debris removal and at DMS located throughout the County.
- Assist the County in the development of a detailed scope of work for debris collection contract activities. Assist the County in the planning and implementation of the debris removal contract activities.
- Verify that debris operations are eligible for reimbursement, costs are reasonable, quantification of the debris is accurate, and tracking of debris to its final disposition is recorded and in compliance with all regulatory requirements and cost reimbursement.
- Develop a plan to document and correct non-compliance issues.
- Establish a methodology to separate ineligible work from eligible work should the County decide to undertake work that is not eligible for FEMA funding and provide support for identifying and complying with funding requirements for programs other than FEMA.
- Follow current version of FEMA 327 Public Assistance Debris Monitoring Guide as directed by County Administrator or his/her designee.

The selected firm shall be responsible for the training, scheduling, dispatching and logistical operations of the field inspectors assigned to work areas for temporary storage facilities and disaster debris collection, including, but not limited to:

- Meet with County staff and disaster debris collection contractor initially and periodically to review, formulate and update cleanup plans.
- Coordinate with all local, state and federal agencies as needed on DMS issues such as notification, obtaining and managing all required permits, determining reimbursement, etc.
- Provide preliminary assessment and documentation of all DMSs prior to debris being stored onsite.
- Conduct follow-up inspections after all debris has been removed from DMSs and confirm that the debris management contractor has returned the site to original conditions subject to approval by County Staff.
- Provide personnel to supervise the operation of DMS including monitor incoming loads of debris, processing of debris, and outgoing loads of processed debris.
- Provide a safe working environment including properly constructed monitoring towers,

adequate and appropriate personal protective equipment (PPE), and Traffic Control measures and devices when working along a right of way or haul road.

- Develop Health and Safety Plan to be provided to all personnel and reviewed daily during safety briefings.
- Set up and coordinate with the debris contractor the schedules for monitors each day and determine cleanup crew assignments.
- Monitor and record the cubic yard capacity of each truck added into service; this shall be the physical measurement of the truck bed or trailer.
- Keep records of cleanup crew trucks: cubic yards, time in and out, number of loads per day, and other data as requested by County.
- Coordinate with County to respond to problems in the field, such as property damage complaints, cleanup crew issues, other customer complaints, etc. Contractor shall maintain a detailed database of customer complaints and resolution.
- Conduct end of day activities, such as verifying completion of cleanup crew assignments, completion of all record keeping, trucks have left disposal site and locking down facilities.
- Survey and maintain list of areas with special needs, including but not limited to, hazardous stumps and trees. Contractor shall insure FEMA eligibility requirements are met and required documentation is prepared for hazardous trees, limbs, and stumps. Contractor shall work with a validation team as necessary to determine eligible work.
- Daily report to County of cleanup crew assignments shall include locations working and number of trucks assigned, total loads and cubic yards collected, and an electronic real-time updated map of streets where debris is collected.
- Daily personnel tracking sheets (field reports) shall be maintained for all personnel assigned to the project. Problems noted shall be logged into a database, immediately reported to county personnel, and addressed/resolved.
- Prepare daily and periodic tracking reports to support debris removal, DMS operations, and final debris disposal for FEMA and audit purposes. Includes maintaining a database of debris managed and costs incurred, and reconciliation of debris collection contractor invoices.
- Compile records and forms and assist the County with the preparation of FEMA, State, other Federal agencies, and Federal required forms for Reimbursement Submittals.
- Provide all reports in electronic format, such as PDF, and supply dynamic data regarding work locations, number of trucks, where debris is being picked up, where debris has been picked up, road clearance status, etc. in formats that allow timely coordination and use by the County's Geographical Information Systems.

Selected firm shall be responsible for providing work space and equipment necessary to perform

their duties as part of the negotiated rate. This includes, but is not limited to:

- Office space, including electrical power/generator.
- Computers, printers, software and all related equipment.
- Office furnishings
- Office supplies
- Cell phones
- Cameras, batteries, etc.
- PPE for all associated hazards
- Appropriate warning devices for work in rights of way (traffic control)
- Handheld GPS Data Collectors
- Easily identifiable markings on all monitor vehicles (magnetic signs)
- Any other equipment needed for their operations.

Additional support shall be provided, if requested by the County:

- Development and implementation of public information efforts.
- Assist in determining eligibility and provide reimbursement documentation for debris removal from waterways and drainage ways.
- Setup of telephone answering banks and provision of customer service personnel.
- Other support activities related to disaster response activities.
- Support with submittal of information to FEMA, FHWA, NRCS, and other State and Federal agencies.

OTHER CONSIDERATIONS

The Contractor shall supervise and direct the work, using qualified labor and proper equipment for all tasks. Safety of the Contractor's personnel and equipment is the responsibility of the Contractor. The Contractor's Loading Site Monitors and Reduction/Disposal Site Monitors must wear required safety equipment, as needed, whenever on the site. The following are mandatory: hard hat, reflective vest, work boots, long pants, appropriate cold and rainy weather clothing, eye and hearing protection. The Contractor shall be responsible for the adherence to and familiarity with the Health and Safety Plan for all personnel. Daily safety briefings should include discussion of site safety procedures and emergency response protocols. Additionally, the Contractor shall pay for all materials, personnel, taxes and fees necessary to perform under the terms of this contract.

The Contractor must be duly licensed in accordance with federal and state statutory and regulatory requirements to perform the work. The Contractor shall obtain all permits necessary to complete the work. The Contractor shall be responsible for determining what permits are necessary to perform under the contract. Copies of all permits shall be submitted to the County before commencing work.

The Contractor shall be responsible for correcting any notices of violations issued as a result of the Contractor's or any subcontractors' actions or operations during the performance of this

contract. Corrections for any such violations shall be at no additional cost.

The Contractor shall be responsible for paying any and all costs associated with violations of law or regulation relative to Contractor's activities. Such costs might include but are not limited to: site cleanup and remediation; fines, administrative and civil penalties; and third party claims imposed on Santa Rosa County by any regulatory agency or by any third party as a result of noncompliance with federal, state or local laws and environmental laws and regulations or nuisance statutes by Contractor, its subcontractors or any other persons, corporations or legal entities retained by the Contractor under this contract.

I. Company Profile:

A company profile including the firm name, business address, telephone number, year established (include former firm names and year established, if applicable), type of ownership, and parent company, if any. Provide the name of the person who shall serve as authorized negotiator and can execute contracts for Respondent, should Respondent be selected to negotiate with Owner.

II. Experience:

Provide information indicative of experience on other projects of similar complexity that documents successful and reliable experience in past performance within the last seven (7) years, as it related to this proposal. The proposing firm must demonstrate that they have successfully performed services on at least ten (10) FEMA reimbursable disaster debris removal projects related to at least three (3) different declared disasters, over the past seven (7) years, including at least two projects involving removal of at least 500,000 cubic yards of debris each. Identify local governmental clients for whom similar services have been provided including name of client, client contact person, description of services performed, and quantity of debris monitored. Provide resumes of key staff. Respondent must demonstrate special disaster recovery program management services including monitoring of private property/right-of-entry (ROE) work, waterway/marine debris clean-up, sand recovery/beach remediation, hazardous tree/limb removal, hazardous material removal, vessel and vehicle recovery, asbestos removal, data management, contracting/invoice reconciliation, and FEMA appeals assistance.

III. Personnel:

Provide an organizational chart, resumes, and summary of staff qualifications. Demonstrate current capacity and current expertise in debris removal, solid waste and hazardous waste management and disposal. Respondent shall document knowledge and experience of personnel with Federal, State and local emergency management agencies, programs, funding sources and reimbursement processes.

IV. Conflicts:

All Respondents must certify that the Respondent, nor any employee thereof, has any conflict of interest, either direct or indirect, in connection with the services sought herein pursuant to Federal or state law. Has Respondent had a contract related to debris removal cancelled within the past seven (7) years? If so, state the name and address of the other contracting party and reason.

V. Technical Approach:

Provide a description of the Proposer's approach to the project including implementation of the RFP Scope of Services, startup procedures, debris estimating methodology, and management of debris recovery contractors.

Travel

All travel expenses must be incorporated into the hourly rates charged for services. No additional travel or per diem will be paid.

Mobilization

The Contractor must indicate the time it will take upon receiving a Notice to Proceed; to fully staff the project.

References

The respondent shall provide references for three debris projects of 500,000 cubic yards or more performed over the past seven years. Include the client name, debris quantity, brief summary of work, along with name, address, and phone number of a responsible contact person.

Key Staff

Provide the name and business residence of the proposed:

- a. Closest office
- b. Principle in charge
- c. Local on Site Project Manager
- d. Data Collection Manager
- e. FEMA Compliance & Cost Reimbursement Manager/Expert
- f. I.T. and/or GIS Manager

Capacity

Capacity to perform services timely for the Owner is critical and could be impacted by other obligations firms may have in the general area. Provide a listing of all active or pre-event debris contracts with cities, counties, or other entities. Provide current obligations of Respondent, including time schedules and staff committed.

VI. Fee Schedule:

Each Proposer must complete and submit the Cost Proposal Form/Fee Schedule below. Cost will be evaluated using the hourly rates submitted below for the labor positions listed. The hourly labor rates shall include all applicable overhead and profit. Overtime hours will be paid at the same rate as regular time hours. All normal expenses shall be absorbed in hourly rates, including lodging, meals, transportation, and per diem. Special costs such as boat rental and marine expenses may be billed to the Owner at cost without mark-up receiving approval from Owner. Proposer may also include additional, optional positions and services.

<u>POSITIONS</u>	<u>HOURLY RATE</u>	<u>HOURS</u>	<u>TOTAL</u>
Project Manager	\$_____	120	_____
Operations Manager	\$_____	960	_____
Data Manager	\$_____	100	_____
GIS Analyst	\$_____	100	_____
Field Supervisor	\$_____	400	_____
Debris Site/Tower Monitors	\$_____	2000	_____
Collection Monitor	\$_____	8600	_____
Data Entry Clerk/Clerical	\$_____	100	_____
Billing/Invoice Analyst	\$_____	100	_____
FEMA Compliance & Cost Reimb. Manager/Expert	\$_____	100	_____

EVALUATION OF PROPOSALS

Evaluation of proposals and selection of a monitoring and management firm shall be at the sole discretion of Owner. Professional firms will be evaluated using the following criteria and respective weights. Firms submitting a proposal in response to the RFP may be required to give an oral presentation to Owner representatives. The Owner's request for an oral presentation shall in no way constitute acceptance of a proposal or imply that an agreement is pending. The Owner reserves the right to award the opportunity to provide the services specified herein based on initial proposal submissions without oral presentations.

GRADING CRITERIA

- 1) References on recent projects of 500,000 C.Y. or greater in scope (20 points)
- 2) Pricing (20 points)
- 3) Qualifications of firm and key staff (15 points)
- 4) Diverse project experience including, ROW, C&D debris, marine debris, private property, structure demolition and vessel removal (15 points)
- 5) Capacity to respond to major and catastrophic disasters and number of existing pre-event contracts (15 points)
- 6) Project approach (15 points)

TOTAL POSSIBLE POINTS: (100 points)

AWARD OF CONTRACT

A selection committee will review all proposals and will participate in the Recommendation to Award.

The contract shall be awarded to the responsible and responsive respondent whose proposal is determined to be the most advantageous to the County, taking into consideration the price and other criteria set forth in the request for proposals. The County reserves the right to reject any and all proposals or to waive any irregularity or technicality in proposals received. The County shall be the sole judge of the proposal and the resulting negotiated agreement that is in its best interest and its decision shall be final.

Santa Rosa County reserves the right to waive any informalities or reject any and all proposals, in whole or part, to utilize any applicable state contracts in lieu of or in addition to this proposal and to accept the proposal that in its judgment will best serve the interest of the County.

TERM OF CONTRACT

The initial term of this contract shall be from completion of signatures by both parties and shall run for a period of three (3) years from the date of signing. The contract may be renewed for two (2) additional one (1) year periods with mutual consent by both parties and subject to all other

terms and conditions of the agreement.

PROPOSAL FOR
Disaster Debris Monitoring and Support
Management (RFP 21-039)

Santa Rosa County, Florida



TETRA TECH

complex world

CLEAR SOLUTIONS™

Copy | June 2021



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

BID SUBMISSION CHECKLIST

RFP 21-039 Disaster Debris Monitoring and Support Management

Contractor Name: Tetra Tech, Inc.

- Sealed Bid Package with Bid Name and Number, Firm name and Address with Contact information clearly marked on the outside of envelope/box.
- 1 Original Bid Package and 1 Copy with 1 Electronic Copy in .pdf on a CD or USB Drive
- Bid Submittal Checklist attached to top of Original Bid Package
- Bid Form
- Cone of Silence
- Sworn Statement Public Entity Crimes
- Debarment Form
- References Form
- Conflict of Interest Form
- Copy of current Required Insurance declaration page with Santa Rosa County named interest, or, Letter of Insurability from Carrier stating that the levels of coverage will be obtained.
- Proof of business registration with the state of Florida
- Proof of registration with the Federal System of Award Management (SAM)

All required documentation submitted must be updated with most current and complete information from date of bid opening) including notarizations where required. Failure to submit all required forms may result in your submittal being deemed non-responsive. **ATTACH THIS PAGE TO THE TOP OF YOUR BID SUBMISSION**

Firm: Tetra Tech, Inc.

By: Jonathan Burgiel

Signature: (Print) Jonathan Burgiel

Title: Business Unit President

Date: June 22, 2021

Santa Rosa County Procurement Department
6495 Caroline Street
Suite M
Milton, Florida 32570

June 24, 2021

Subject: RFP 21-039 Disaster Debris Monitoring and Support Management

Dear Members of the Evaluation Committee,

Tetra Tech, Inc. (Tetra Tech) is pleased to submit the enclosed proposal in response to Santa Rosa County's request for proposals for disaster debris removal and disposal monitoring services. Our team of disaster recovery experts offers a unique integration of mitigation, emergency preparedness and planning, and disaster response and recovery services, providing end-to-end solutions for the County. As a global leader in the field of engineering and disaster recovery with over 20,000 employees and \$3 billion in annual revenue, Tetra Tech has the financial resources to withstand various economic challenges that often present themselves following catastrophic disaster events. We are a national leader in the field of disaster debris management and are well suited to assist the County for the following reasons:

- **Knowledge and Understanding of Santa Rosa County.** The Tetra Tech team has deep roots into Santa Rosa County. Many of our key project staff are natives of Santa Rosa County or current residents. We have a long history as a service provider to Santa Rosa County to include: 1) assisting the County with its initial efforts to implement franchised solid waste collection, 2) debris monitoring following Hurricane Dennis, and 3) serving as the County's program manager in response to the BP Oil Spill. As a result of the above, our team has a unique understanding of the diverse economies (tourism to military to agriculture) and geographies within the County.
- **Nationally Recognized Leader in Disaster Recovery with Extensive Experience in the Florida Panhandle.** Our team has successfully assisted over 300 local and state government clients across the nation with planning for and recovering from natural and human-caused disasters and has extensive experience successfully managing multiple disaster response and recovery operations across the United States simultaneously. Our team has overseen and managed the recovery of over 137 million cubic yards (CYs) of debris, resulting in excess of \$6 billion in reimbursable costs to our clients. Since 2004, our team has monitored the collection and removal of almost 60 million CY of debris in Florida and has assisted numerous communities in Florida with response and recovery efforts after Hurricanes Charley, Frances, Jeanne, Ivan, Dennis, Katrina, Wilma, and most recently, Matthew, Irma, Michael, and Sally. The Tetra Tech team has performed more post-disaster work for Florida applicants than any other company. Our extensive Florida experience means we understand the expectations of state and federal funding and regulatory agencies.
- **Dedicated Project Management Team Built Around Expert Knowledge and Integrity.** Tetra Tech understands that Santa Rosa County is looking for a firm with personnel who are highly skilled in public works operations, solid waste debris removal, Federal Emergency Management Agency (FEMA)-compliant disaster debris monitoring as well as a team that will ensure the integrity and transparency of the debris removal mission. To provide the County with the most experienced management team assigned to its disaster management mission, we have assembled a team of nationally recognized experts with extensive local knowledge of Santa Rosa County. Mr. Chuck McLendon, a key member of our Senior Management Team, is a native of Santa Rosa County and has led multiple projects for the County including the County's response to Hurricane Dennis and the BP Oil Spill. **In addition, our regional manager Matt Mooneyham, is a current resident of Santa Rosa County with a unique understanding of the neighborhoods, beaches, and sites used for debris management operations. Finally, our FEMA Public Assistance Grant Management lead Allison McLeary, is a resident of Pensacola Beach and former Recovery Bureau Director for the Florida Division of Emergency Management.** Our team members have been selected because of their expertise in debris management and their understanding of the unique characteristics of a debris removal mission in Santa Rosa County.

Tetra Tech, Inc.

63 S. Royal Street Suite 1106 Mobile, AL 36602
Tel (321) 441-8500 Fax (321) 441-8501 tetratech.com

- **Best in Class Automated Debris Management System (ADMS) Technology and Documentation Support.** Via RecoveryTrac™, our staff can monitor and manage a recovery effort electronically, increasing productivity while decreasing fraud, human error, and cost to the County. RecoveryTrac is one of only three ADMS systems validated by the United States Army Corps of Engineers (USACE) and is preferred ADMS by USACE debris contractors. RecoveryTrac allows Tetra Tech to track real-time costs by individual contract line item to provide the reporting and project oversight that the County may need as well as full transparency and visibility of project operations. By utilizing RecoveryTrac™ ADMS, our team can implement a Public Information campaign to inform the community where the crews are focusing in order to manage expectations.
- **Immediate Response Capability to Meet the County's Needs.** With disaster response and recovery experts located throughout the state, Tetra Tech can stage a full-scale mobilization in the County within hours of a disaster. Our team has never failed to respond to a client's needs. In 2017, **Tetra Tech successfully deployed more than 6,000 field staff throughout the country** to respond to clients affected by Hurricane Irma in Florida, Hurricane Harvey in Texas, Hurricane Maria in Puerto Rico, and multiple wildfires in California. Our simultaneous response to numerous disasters is proof that we have the staff, resources, and expertise to respond to the County's post-disaster needs. Tetra Tech stands ready to work with Santa Rosa County as a trusted partner who will respond immediately and provide high-quality services throughout the engagement.
- **Florida-Based FEMA Reimbursement Experience.** Tetra Tech is an industry leader in providing post disaster grant management services. Led by Ms. Allison McLeary, former Recovery Bureau Chief for the Florida Division of Emergency Management and a local area resident, we are uniquely positioned to assist the County with any grant management related needs. Tetra Tech maintains a dedicated grant management practice and has assisted dozens of Florida communities including Volusia County, Walton County, Palm Beach County, Brevard County, and numerous other jurisdictions with FEMA PA grant management reimbursement. We maintain strong relationships with FDEM and FEMA Region IV.

Tetra Tech would be honored to serve as Santa Rosa County's debris monitoring services provider. By partnering with Tetra Tech, the County will receive the highest quality service and technical expertise. For questions regarding this response, please contact me or the representative listed below. As an authorized representative of the firm, I am authorized and empowered to sign this proposal and bind the firm in contractual commitments.

Technical Representative

Mr. Allison McLeary, Director, Disaster Programs
 2301 Lucien Way, Suite 120, Maitland, FL 32751
 (225) 937-2384 | Allison.McLeary@tetrattech.com

Contractual Representative

Ms. Marina Armanious, Executive Assistant
 2301 Lucien Way, Suite 120, Maitland, FL 32751
 (321) 441-8511 | TDR.Contracts@tetrattech.com

Sincerely,

Tetra Tech, Inc.

Jonathan Burgiel
 Business Unit President, Tetra Tech Disaster Recovery

Executive Summary

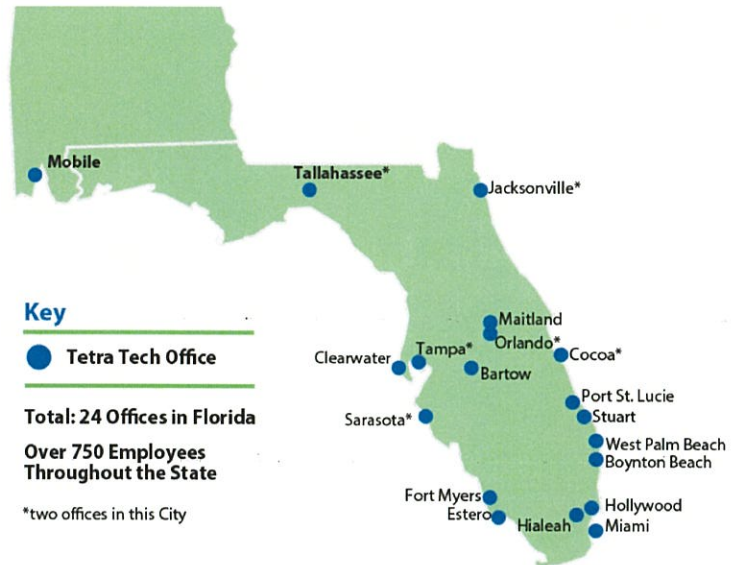
Firm Introduction

Founded in 1966, **Tetra Tech** is a worldwide provider of consulting, engineering, and technical services. Tetra Tech supports government and commercial clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and natural resources. With a team of over 250 dedicated emergency management and disaster recovery specialists supported by more than 20,000 other professionals working in over 100 disciplines, Tetra Tech is one of the leading firms in delivering emergency management and community resilience services.

Local Staff and Presence in Northwest Florida to Facilitate a Quick Response

Tetra Tech offers local staff based in Santa Rosa County and Northwest Florida as well as a network of nearby office locations. The following proposed staff are locally based in the Florida Panhandle:

- Project Principal: **Mr. Chuck McLendon is a Santa Rosa County native and has led multiple solid waste and disaster recovery / debris management engagements for the County in the past.**
- Regional Manager: Matt Mooneyham is a Santa Rosa County resident and former Capital Projects Manager for Escambia County. **Matt understands right of way management and the demands put on local government officials for rapid and efficient response.**
- Project Manager: **Phil Ivey is a local resident (Pensacola) and has led multiple large debris missions throughout Florida over his 17-year career at Tetra Tech.**
- Grant Management Advisor: **Allison McLeary is the former Recovery Bureau Chief for the Florida Division of Emergency Management. She is an area resident and an expert in FEMA Public Assistance Program reimbursement.**



Tetra Tech's national network of resources operates from 450 offices worldwide, including 24 offices in the State of Florida. Additionally, Tetra Tech maintains an office in nearby Mobile, AL. Tetra Tech also maintains a warehouse located in Maitland, Florida, with over 120 fully stocked bays of debris monitoring supplies capable of supporting over 50 simultaneous recovery operations for over 90 days. In addition to our warehouse, Tetra Tech owns a fleet of project-ready supply and satellite trailers that can be mobilized at a moment's notice. Our team has successfully deployed large-scale mobilizations of hundreds of staff and thousands of dollars' worth of equipment to multiple clients in a matter of days and on very short notice.

Our Experience

Tetra Tech has been a leader in environmental response and recovery efforts for nearly 30 years. We serve many of the largest federal (U.S. EPA and USACE), State (California, Florida, Texas), and local (Miami Dade County (FL), Harris County (TX), and Los Angeles County (CA)) government agencies. Tetra Tech has executed more disaster debris monitoring engagements than any other firm in the United States. We have assisted the largest ground zero communities – including most recently Calcasieu Parish and Lake Charles, LA following Hurricane Laura and Baldwin County, AL following Hurricane Sally - with their debris monitoring needs. Tetra Tech has a proven track record of responding quickly with expert personnel utilizing best in class technology to provide efficient debris monitoring services.

Tetra Tech (and our predecessor organizations) have successfully served Santa Rosa County on multiple engagements in the past including debris monitoring in response to Hurricane Dennis and serving as the County's program management and advisor for the BP Oil Spill response.

Florida Debris Monitoring Experience

Our team has assisted numerous communities in Florida with response and recovery efforts following Hurricanes Charley, Frances, Jeanne, Ivan, Dennis, Katrina, Wilma, and most recently, Matthew, Irma, and Michael. **In Florida alone, we have provided debris monitoring services to 24 of Florida's 67 counties – significantly more than any other firm in the country.** The list below summarizes our team's past debris monitoring experience in the State of Florida.

Hurricane Charley (2004)

Total Cubic Yards (CY) of Debris – 1,652,200 | 2 Clients

Lake County | 616,700 CY
City of Orlando | 1,035,500 CY

Hurricane Frances (2004)

Total CY of Debris – 500,000 | 2 Clients

City of Boca Raton | 200,000 CY
City of Orlando | 300,000 CY

Hurricane Ivan (2004)

Total CY of Debris – 7,475,554 | 3 Clients

Escambia County | 5,385,084 CY
Florida Department of Transportation | 708,800 CY
City of Pensacola | 1,381,670 CY

Hurricane Jeanne (2004)

Total CY of Debris – 350,000 CY | 2 Clients

Lake County | 100,000 CY
City of Orlando | 250,000 CY

Hurricane Dennis (2005)

Total CY of Debris – 3,917,267 | 5 Clients

Escambia County | 1,589,182 CY
Monroe County | 200,000 CY
City of Pensacola | 400,000 CY
Santa Rosa County | 1,708,085 CY

Hurricane Katrina (2005)

Total CY of Debris – 9,942,000 | 11 Clients | Representative Clients:

City of Fort Lauderdale | 400,000 CY
City of Hollywood | 360,000 CY
Miami-Dade County | 2,500,000 CY
Monroe County | 200,000 CY
City of Plantation | 450,000 CY

Hurricane Rita (2005)

Total CY of Debris – 4,810,000 | 3 Clients | Representative Clients:

Monroe County | 200,000 CY

Hurricane Wilma (2005)

Total CY of Debris – 8,914,000 | 17 Clients | Representative Clients:

City of Boca Raton | 646,000 CY
City of Fort Lauderdale | 901,000 CY
Miami-Dade County | 3,000,000 CY
City of Pembroke Pines | 930,000 CY
City of Plantation | 811,000 CY

Groundhog Day Tornadoes (2007)

Total CY of Debris – 281,000 | 2 Clients

Lake County | 144,000 CY
Volusia County | 137,000 CY

Tropical Storm Fay (2008)

Total CY of Debris – 50,000 | 3 Clients | Representative Clients:

St. Johns County | 30,000 CY
Leon County | 20,000 CY

Tropical Storm Debby (2012)

Total CY of Debris – 7,253 | 3 Clients | Representative Clients:

Clay County | 3,777 CY
Pasco County | 2,583 CY

Hurricane Hermine (2016)

Total CY of Debris – 2,674 | 1 Client | Representative Clients:

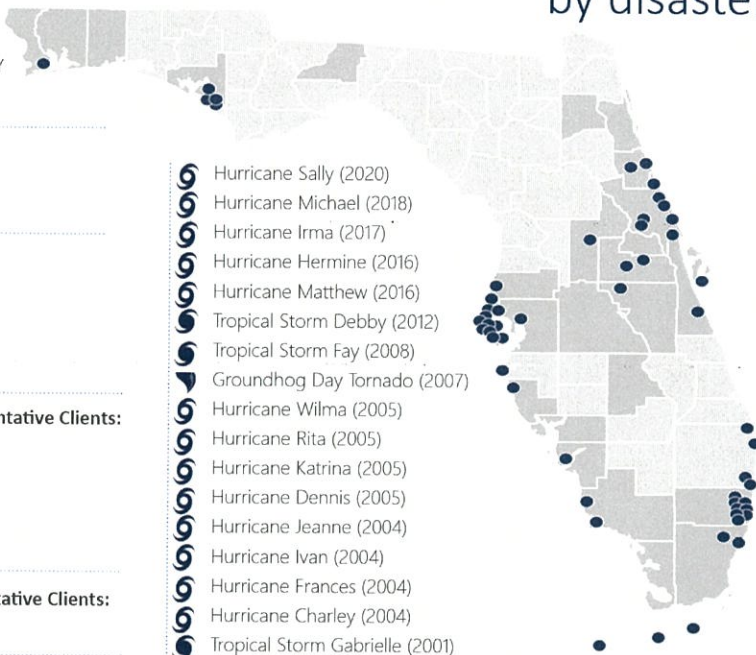
Pasco County | 2,674 CY

Hurricane Matthew (2016)

Total CY of Debris – 3,294,051 | 19 Clients | Representative Clients:

Brevard County | 820,779 CY
City of New Smyrna Beach | 203,981 CY
City of Port Orange | 428,244 CY
St. Johns County | 712,705 CY
Volusia County | 1,058,334 CY

Florida Debris Monitoring Projects by disaster



- Hurricane Sally (2020)
- Hurricane Michael (2018)
- Hurricane Irma (2017)
- Hurricane Hermine (2016)
- Hurricane Matthew (2016)
- Tropical Storm Debby (2012)
- Tropical Storm Fay (2008)
- Groundhog Day Tornado (2007)
- Hurricane Wilma (2005)
- Hurricane Rita (2005)
- Hurricane Katrina (2005)
- Hurricane Dennis (2005)
- Hurricane Jeanne (2004)
- Hurricane Ivan (2004)
- Hurricane Frances (2004)
- Hurricane Charley (2004)
- Tropical Storm Gabrielle (2001)

Since 2004, our team has monitored the collection and removal of more than 65 million cubic yards of debris in Florida.

Hurricane Irma (2017)

Total CY of Debris – 21,442,478 | 59 Clients | Representative Clients:

Charlotte County | 56,988 CY
City of Cape Coral | 363,207 CY
Collier County | 3,122,681 CY
Lake County | 355,220 CY
Highlands County | 891,782 CY
City of Hollywood | 335,368 CY
City of Miami | 540,305 CY
Miami-Dade County | 3,559,582 CY
Monroe County | 1,075,134 CY
Polk County | 2,267,547 CY
Seminole County | 821,470 CY

Hurricane Michael (2018)

Total CY of Debris – 9,248,830 | 13 Clients | Representative Clients:

City of Callaway | 561,580 CY
City of Lynn Haven | 1,041,607 CY
City of Parker | 378,240 CY
City of Springfield | 387,676 CY

Hurricane Sally (2020)

Total CY of Debris – 604,310 | 3 Clients | Representative Clients:

City of Mary Ester | 1,797 CY
City of Pensacola | 571,718 CY
Okaloosa County | 30,794 CY

Our Project Approach

Our Project Approach has stood the test of providing debris monitoring services to the most devastated communities for nearly 20 years. We consistently deliver successful debris monitoring efforts due to our proven approach, based on the following principles.

Commitment to Preparedness: We are in a continuous state of preparedness. We will work with Santa Rosa County year-round to ensure that the County's Public Works Department is prepared to respond to emergency events.

Best in Class Technology: We maintain an industry leading Automated Debris Management System (ADMS) and other technologies that will ensure that Santa Rosa County has a leading-edge partner in its disaster response and recovery efforts. Our Recovery Trac technology will ensure that the County knows where debris removal is occurring throughout the County and the pace of the process.

Strong Project Management: We will provide the County with a proven project manager supported by a dedicated leadership team. We will meet with the County daily and provide reports that keep County leadership and the public informed on the status of recovery efforts.

Local Staffing: We understand the importance of reinvigorating the local economy following major disaster events when service workers and other staff may be left unemployed. To that end – we will hire and train local residents utilizing the best training staff and collateral in the industry.

Public Information: Disaster recovery can be a frustrating experience. Not knowing when debris will be removed only adds to the anxiety of the rebuilding challenges that residents face. Tetra Tech has a proven approach to working with local governments to ensure that the debris removal process is communicated in an open and transparent way.

Commitment to the Residents of Santa Rosa County: We understand the hardships placed on families following major disaster events. Tetra Tech is committed to ensuring that the County's reimbursement is maximized.

Additional information about our approach, the RecoveryTrac™ system and how the County would benefit from the use of this technology is included in **Section 5: Technical Approach**.

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Section 1. Company Profile

Tetra Tech, Inc. (Tetra Tech) is a leading provider of consulting, engineering, and technical services worldwide. Founded in 1966, Tetra Tech is one of the leading firms in the nation in the field of disaster management and homeland security, with millions of dollars in revenue coming from contracts in such diverse areas as infrastructure hardening and protection; disaster recovery; emergency management, planning, and preparedness; community resilience; and grant management. Tetra Tech supports government and commercial clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and natural resources. With 20,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.

Dedicated to helping state and local governments plan for and recover from natural and human-caused disasters, our staff members offer a field-tested and proven methodology for emergency readiness, continuity planning, and disaster recovery. **Our team is recognized for its ability to quickly respond to a broad range of emergencies, allowing our clients to return to the business of running their day-to-day operations.**

Likewise, our team's understanding of the Federal Emergency Management Agency (FEMA), the Federal Highway Administration (FHWA) (including recent changes), and other reimbursement agencies' requirements for eligibility, documentation, and reimbursement helps clients receive the maximum reimbursement allowed. **Our team has obtained over \$6 billion in reimbursement funds for our clients** from federal agencies such as FEMA, FHWA, and the Natural Resources Conservation Service (NRCS). In total, our team has successfully managed the removal of and reimbursement for over **137 million cubic yards (CYs) of debris** as well as the **demolition of over 12,500 uninhabitable residential and commercial structures.**

Within our proposal, we demonstrate that:

- We offer a proven and successful technical and management approach that has been refined in disaster activations across the United States, including over 30 projects with over 1 million CYs of debris, as evidenced by our team's detailed scope of work and significant work history in the disaster response marketplace and in the Florida Panhandle.
- We offer detailed reporting, real-time debris collection tracking, and mapping capabilities that are driven by our RecoveryTrac™ automated debris management system (ADMS) technology, which allows our staff to monitor and manage a recovery effort electronically in addition to increasing productivity while decreasing fraud, human error, and cost to the County.
- We are duly qualified to perform the scope of work outlined in Santa Rosa County's request for proposal, as evidenced by our staff's extensive qualifications for many of the nation's most catastrophic disasters and our team's previous experience with disaster recovery in Florida over the past 16 years.
- We are committed to providing the County with skilled resources within the time frames specified by the County as evidenced by the depth of experience of our senior management team and project management team.







Key Info – Tetra Tech, Inc.

Main Address:	2301 Lucien Way, Ste. 120, Maitland, FL 32751
Local Office:	63 S. Royal Street Suite 1106 Mobile, AL 36602
Phone:	(321) 441-8511
Fax:	(321) 441-8501
Email:	TDR.Contracts@tetratech.com
Federal Tax ID:	95-4148514
Established:	1966
Ownership:	Publicly traded corporation

- The backbone of our disaster debris recovery program is our senior management team's foundation in the solid waste industry. For nearly 15 years, Mr. Jonathan Burgiel, a 35+-year industry veteran, has worked with a team of highly skilled professionals to design and develop a proven approach that has been battle-tested and refined over 77 activations across the United States.
- As a global engineering firm with over \$3.1 billion in annual revenues, we have the financial resources and cash flow to support a large, long-term recovery effort.

TETRA TECH SNAPSHOT

<p style="text-align: center;">WORKS IN 100+ COUNTRIES</p> <p style="text-align: center;">7 CONTINENTS</p> <p style="text-align: center;">Publicly traded on NASDAQ as</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">\$3 billion ANNUAL REVENUE</p> <hr/> <p style="text-align: center;">WORKS ON 65,000+ PROJECTS ANNUALLY</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">450 OFFICES WORLDWIDE</p> <div style="text-align: center;">  </div> <p style="text-align: center;">16,500 CLIENTS</p>	<p style="text-align: center;">ENR RANKINGS</p> <ul style="list-style-type: none"> <u>#1 Dams & Reservoirs</u> <u>#1 Environmental Management</u> <u>#1 Environmental Science</u> <u>#1 Hydro Plants</u> <u>#1 Solid Waste</u> <u>#1 Water</u> <u>#1 Water Treatment/Desalination</u> <u>#1 Water Treatment/Supply</u> <u>#1 Wind Power</u>
<p style="text-align: center;">20,000 ASSOCIATES </p>			

Authorized Negotiator

The following personnel are authorized negotiators on behalf of Tetra Tech, Inc:

- **Jonathan Burgiel** – Business Unit President, Tetra Tech Disaster Recovery
- **Betty Kamara** – Contracts Manager, Tetra Tech Disaster Recovery

Section 2. Experience

Knowledge and Expertise in Debris Management

Our team has vast experience providing disaster management, recovery, and consulting services to state and local government agencies. Our approach includes partnering with our clients to establish and test the necessary plans and procedures before a disaster strikes and assisting with disaster response and recovery operations as well as post-disaster grant management. Below is an abbreviated experience matrix for projects conducted since 2001. **A list of Tetra Tech's debris monitoring projects conducted over the last seven years is included at the end of this section.**

EXPERIENCE AT A GLANCE...

77 EVENTS 2001 - 2021

2021

SEVERE STORMS & TORNADOES AL - 1 Client
 WINTER STORM TX - 3 Clients
 SEVERE STORMS & FLOODING TN - 1 Client
 WINTER STORM VA - 1 Client

2020

HURRICANE ZETA - 6 Clients
 HURRICANE DELTA - 4 Clients
 CALIFORNIA/OREGON WILDFIRES - 2 Clients
 HURRICANE SALLY - 4 Clients
 HURRICANE LAURA - 18 Clients
 HURRICANE ISAIAS - 2 Clients
 HURRICANE HANNA - 3 Clients
 TORNADOES - 3 Clients
 IOWA DERECHO - 1 Client

2019

TROPICAL STORM IMELDA - 3 Clients
 HURRICANE DORIAN - 4 Clients
 TORNADOES - 2 Clients

2018

HURRICANE MICHAEL - 13 Clients
 HURRICANE FLORENCE - 12 Clients
 WILDFIRES - 1 Client

2017

WILDFIRES - 2 Clients
 HURRICANE MARIA - 1 Client
 HURRICANE IRMA - 67 Clients
 HURRICANE HARVEY - 38 Clients
 TX & GA TORNADOES - 2 Clients

2016

HURRICANE MATTHEW - 34 Clients
 HURRICANE HERMINE - 1 Client
 SEVERE STORMS & FLOODING - 2 Clients
 WILDFIRES - 2 Clients
 FLOODING - 6 Clients

2015

WILDFIRES - 2 Clients
 SEVERE STORMS - 3 Clients
 FLOODING - 10 Clients

2014

FLOODING - 1 Client
 TORNADOES - 2 Clients
 ICE STORM - 7 Clients

2013

ICE STORM - 2 Clients
 FLOODING - 1 Client

2012

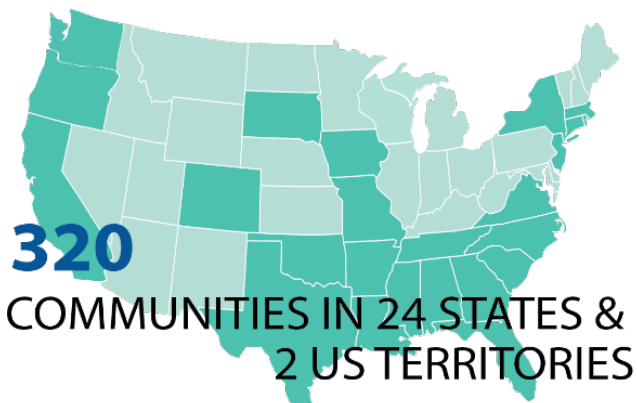
HURRICANE SANDY - 13 Clients
 HURRICANE ISAAC - 5 Clients
 TROPICAL STORM DEBBY - 3 Clients

2011

NOR'EASTER WINTER STORMS - 19 Clients
 TEXAS DROUGHT - 1 Client
 TEXAS WILDFIRES - 1 Client
 HURRICANE IRENE - 22 Clients
 TORNADOES - 4 Clients

2010

FLOODING - 2 Clients
 TORNADOES - 1 Client
 ICE STORMS - 1 Client



320
 COMMUNITIES IN 24 STATES &
 2 US TERRITORIES

2009

ICE STORMS - 1 Client
 SNOW STORMS - 2 Clients
 TROPICAL STORM IDA

2008

HURRICANE IKE - 78 Clients
 HURRICANE GUSTAV - 7 Clients
 TROPICAL STORM FAY - 3 Clients
 HURRICANE DOLLY - 30 Clients
 MIDWEST FLOODING - 2 Clients

2007

MIDWEST ICE STORM - 3 Clients
 GROUNDHOG DAY TORNADOES - 2 Clients
 MIDWEST SNOW STORMS - 3 Clients

2006

BUFFALO SNOW STORMS - 6 Clients

2005

HURRICANE WILMA - 17 Clients
 HURRICANE RITA - 3 Clients
 HURRICANE KATRINA - 11 Clients
 HURRICANE DENNIS - 5 Client

2004

HURRICANE JEANNE - 2 Clients
 HURRICANE IVAN - 3 Clients
 HURRICANE FRANCES - 2 Clients
 HURRICANE CHARLEY - 2 Clients

2002

HURRICANE LILI - 1 Client

2001

TROPICAL STORM GABRIELLE - 1 Client

137,337,932

TOTAL CUBIC YARDS (CY) OF
 DEBRIS EQUIVALENT TO
 120,062 FOOTBALL FIELDS



- 30 HURRICANES | 122,337,255 CYs
- 9 SNOW/ICE WINTER STORMS | 7,442,148 CYs
- 11 TORNADOES | 2,850,270 CYs
- 5 TROPICAL STORMS | 96,855 CYs
- 8 FLOODS | 3,078,406 CYs
- 14 WILDFIRES/DROUGHTS | 1,532,996 CYs

**Plus 6.3 M Tons of disaster debris*

Large-Scale Debris Monitoring Experience

Tetra Tech takes great pride in the reliability of our service. Clients count on us to respond in their time of need, and we deliver. Our team has never failed to respond to our clients' deployment and mobilization needs, regardless of location or type of disaster. Our services under these engagements included environmental permitting, debris management sites (DMS) monitoring, contractor invoice reconciliation, and federal grant reimbursement support.

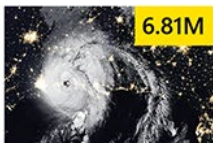


Top 20 Debris Monitoring Projects by Cubic Yard (CY)



8.27M

CalRecycle
Camp Wildfire, 2018



6.81M

Calcasieu Parish, LA
Hurricane Laura, 2020



5.47M

Houston, TX
Hurricane Ike, 2008



5.38M

Escambia County, FL
Hurricane Ivan, 2004



4.42M

Baldwin County, AL
Hurricane Sally, 2020



4.0M

Lake Charles, LA
Hurricane Laura, 2020



3.90M

Miami-Dade County, FL
Hurricane Katrina, 2005



3.56M

Miami-Dade County, FL
Hurricane Irma, 2017



3.14M

Collier County, FL
Hurricane Irma, 2017



2.89M

Gulfport, MS
Hurricane Katrina, 2005



2.69M

Bolivar Peninsula, TX
Hurricane Ike, 2008



2.49M

Harrison County, MS
Hurricane Katrina, 2005



2.39M

Harris County, TX
Hurricane Ike, 2008



2.30M

Miami-Dade County, FL
Hurricane Wilma, 2005



2.27M

Polk County, FL
Hurricane Irma, 2017



2.18M

Hilton Head Island, SC
Hurricane Matthew, 2016



1.81M

Galveston, TX
Hurricane Ike, 2008



1.70M

Santa Rosa County, FL
Hurricane Dennis, 2005



1.60M

Beaufort County, SC
Hurricane Matthew, 2016

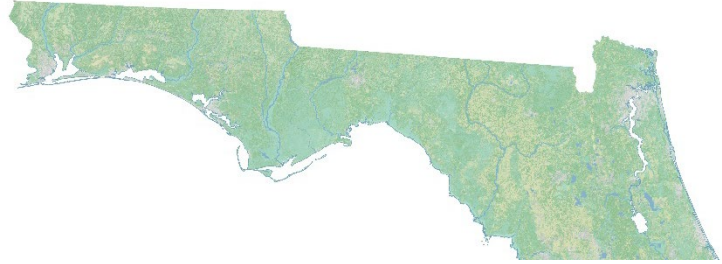


1.59M

Escambia County, FL
Hurricane Dennis, 2005

Florida Panhandle Project Experience

Our team is no stranger to providing public works, solid waste, and debris monitoring services in the Florida Panhandle. Included below is a summary of debris monitoring/emergency response related projects that our team of disaster recovery experts has conducted in the region.



Santa Rosa County – Multiple Events/Services

Hurricane Dennis. In the days following Hurricane Dennis in 2005, our team (then SAIC) was retained by Santa Rosa County to provide debris monitoring services. Our team began with damage assessments followed by identifying and opening debris management sites. Our team helped County staff and debris removal contractors to identify and map 51 separate collection zones to maintain a systematic and organized approach to debris removal. **In total, our team monitored the removal of over 1,708,000 cubic yards of debris, as well as 13,689 hanging branches.** Mr. Chuck McLendon (our Project Principal) served as Principal in Charge for these efforts.



Deep Water Horizon Oil Spill. Tetra Tech was retained by Santa Rosa County to assist with a multitude of procurement, planning, and response activities as a result of the oil spill disaster. Our team was first tasked with assisting Santa Rosa County in retaining containment boom and response contractors. In short order, our team prepared a request for proposal document that was utilized to solicit responses from qualified firms. Staff assisted the County in evaluating pricing and negotiating contracts with selected firms. Tetra Tech also assisted the county in developing a response plan and assisted in evaluating various technologies and products to clean-up contamination on local beaches, marsh areas, and inland waterways. Once again, Mr. McLendon served as our Principal in Charge and Project Manager for these efforts.

Solid Waste Collection Franchising Assessment: In the early 2000's, Tetra Tech staff conducted the County's initial evaluation of solid waste collection franchising. At the time, the County had an open collection system with multiple haulers providing the service. We assisted the County in understanding the legal requirements and notices required for the County to begin to assume control of the solid waste collection system.

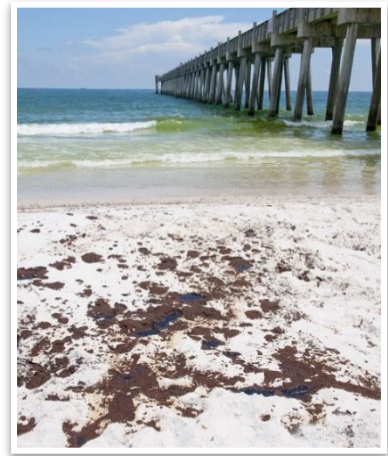
Escambia County

April 2014 Flooding Event. Following a catastrophic flood in April of 2014, Tetra Tech staff were engaged by County Management to assist with a multiple of services including damage assessment formulations, emergency procurement, debris monitoring, and program management. We worked with key staff from Public Works and Engineering to create a GIS database on damage locations, estimate the cost of repairs, and implement both emergency and permanent repairs.

Hurricane Ivan. In addition to monitoring the removal, processing/screening, and disposal of nearly 10,000,000 cubic yards of debris and beach sand, our team helped the County develop one of the largest debris removal operations on private property prior to Hurricane Katrina. Our team surveyed and developed eligible scopes of work for over 7,000 properties and simultaneously monitored three contractors at over 250 daily job sites. Our firm was exclusively responsible for debris contractor invoice reconciliation and approval as well as assisting the County and FEMA staff with the preparation of project worksheets for approximately \$240 million in FEMA funding.

Hurricane Dennis. Hurricane Dennis generated over 1 million cubic yards of vegetative debris and 135,000 cubic yards of C&D. As the reimbursement process was ongoing for Hurricane Ivan, our firm scrutinized field documentation to ensure damages were allocated to the appropriate storm.

Deep Water Horizon Oil Spill. Our team was first tasked with retaining containment boom and response contractors. Tetra Tech was then tasked by Escambia County to conduct an 8-hour OSHA HAZWOPER training for county staff and residents interested in participating in the clean-up efforts. Our team prepared a training course within hours of the request and supplied certified course instructors. Hundreds of area residents and county staff participated in the training program. We served as Escambia County's program manager for the deployment and maintenance of containment boom at strategic locations throughout the County. The containment boom was deployed to provide protection at the various inlets and bayous throughout the county's inland waterways. This work included providing staff to man canals and bayous in order to maintain vessel traffic.



Florida Department of Transportation (District 3) – Hurricanes Ivan and Dennis

Following Hurricanes Ivan and Dennis, the Tetra Tech team was retained by FDOT District 3 to monitor debris removal efforts on State Off-System roadways. Our team monitored the collection and disposal of over 700,000 cubic yards of debris from state maintained roadways. We continued to assist District 3 through full reimbursement by FHWA and FEMA.

City of Pensacola – Multiple Events

Hurricane Sally. As part of our Pensacola debris monitoring mobilization, we hired and trained more than 75 debris monitors within 72 hours. Tetra Tech monitored the collection of more than 500,000 CYs and over 4,500 hazardous trees. Our team also assisted the City of Pensacola following Hurricanes Ivan and Dennis. **Additional information is included on the following page.**

Hurricane Ivan. Our team worked closely with the City of Pensacola contract debris hauler to develop zone maps and design a collection strategy for removing debris from the streets. Our team also monitored the tree work (leaners and hangers). In total our team monitored the removal of almost 1.4 million cubic yards of debris.

Hurricane Dennis. In the wake of Hurricane Dennis, our team managed ROW and Leaner Hanger/Stump removal for the City of Pensacola, monitoring the removal of 403,144 cubic yards of debris.



Bay County – Hurricane Michael

Following the devastating effects of Hurricane Michael, Tetra Tech was retained by Bay County to administer a debris monitoring program. **In total, our team documented and managed the removal, reduction, and disposal of over 1,192,000 cubic yards of debris and over 2,500 leaners and hangers.** In addition, Tetra Tech conducted and oversaw a waterway and drainage ditch debris removal program for the County.

City of Callaway – Hurricane Michael

Upon notice to proceed, the Tetra Tech team responded in the aftermath of Hurricane Michael and performed initial debris survey estimates across the City. Our team hired and trained nearly 100 monitors. In total, our team documented and managed the removal, reduction, and disposal of over 1 million cubic yards of debris and over 6,700 leaners and hangers following Hurricane Michael.

City of Springfield – Hurricane Michael

Working closely with the City, our team assisted with collection monitoring; disposal monitoring; truck certification; leaner, hanger, and stump monitoring; and FEMA reimbursement reporting for the City's debris removal contractor. Our project management team also provided data management services and helped the City split debris collected from public roadways and from private roadways in order to help facilitate the City's reimbursement. In total, our team hired and trained 110 monitors who certified nearly 2,000 leaners and hangers. Additionally, our team documented and managed the removal, reduction, and disposal of over 716,424 CYs of debris in the City of Springfield.



References

Similar to the services being requested by the County, our team has successfully assisted over 300 clients across the country with recovering from the damaging effects of hurricanes, tropical storms, tornadoes, floods, and ice storms. Our efforts have allowed our clients to maintain their focus on continuing daily operations while relying on us to oversee the management of debris removal operations and federal reimbursement in compliance with Federal Emergency Management Agency (FEMA) and Federal Highway Administration (FHWA) guidelines and reimbursement procedures. **The following projects are a representative sample of our experience and accomplishments in performing services that are similar in scope, complexity, and magnitude to the County within the past seven years.**

City of Pensacola, FL | Hurricane Sally Disaster Debris Monitoring Services

Over the last 20 years, the City has been impacted by numerous disaster events including Hurricane Ivan, Hurricane Dennis, the Deepwater Horizon Oil Spill, and a major flooding event. In September of 2020, Hurricane Sally strengthened into a Category 2 hurricane just prior to landfall near the Florida-Alabama border and significantly impacted the City.

Hurricane Sally resulted in significant wind and storm surge related damage. The storm generated significant quantities of debris and devastated much of the marine infrastructure in the City. Tetra Tech has been serving as the City's disaster debris monitoring provider since 2004 following Hurricane Ivan. We were engaged with the City in the days before Sally's impact and responded to the City's Sanitation Department within hours after its impact to begin damage assessments and formulated a debris management mobilization.

As part of our Pensacola debris monitoring mobilization, we hired and trained more than 75 debris monitors within 72 hours. **Tetra Tech monitored the collection of more than 574,000 cubic yards and over 4,500 hanging tree limbs.** We monitored disposal at three debris management sites and two final disposal sites. Our monitoring efforts included both the contract debris haulers vehicles as well as City of Pensacola trucks that assisted in the debris mission. In addition to traditional debris monitoring services, Tetra Tech assisted the City in identifying and opening additional debris management sites and assisted the City in cost-justifying a major amendment to the debris hauler's contract.



Reference

John Pittman, Sanitation Director
2759 North Palafox St. Pensacola, FL 32501
P. (850) 860-2334 | JPittman@cityofpensacola.com

St. Johns County, FL | Hurricanes Matthew and Irma Disaster Debris Monitoring

When Hurricane Matthew impacted St. Johns County on October 7, 2016 as a category three storm, it left a trail of destruction in its wake that was felt county-wide. Its physical impacts affected the entire county, with damages including fallen limbs and trees, home fragments, fences, and construction debris.

Tetra Tech was retained as St. Johns County's debris monitoring service provider under a pre-positioned contract. Our team mobilized in the immediate aftermath of the storms impact, hiring nearly 50 local monitors to manage and document the County's debris removal efforts. This included the staffing of seven temporary debris management sites (DMS) throughout the County; five for vegetative debris and two that accepted C&D debris.

The Tetra Tech team also monitored the haul-out of debris and the remediation and close-out of all seven DMS.

In addition to right-of-way (ROW) debris removal, our team conducted several special programs, including beach debris removal and private road debris removal. Debris management consultants working with the County helped put together the documentation for FEMA approval of debris on private roads and helped manage the County's application of the Public Assistance Alternative Procedures Pilot Program for accelerated debris removal. **Our team monitored the removal of over 720,000 cubic yards of debris** and over 800 hazardous hanging limbs and leaning trees.

St. Johns County called on our team again when Hurricane Irma caused flooding, wind damage, and beach erosion in 2017. Again, our team mobilized to the County immediately following the storm and hired over 60 local monitors to conduct debris monitoring operations. **Our team monitored the removal of nearly 675,000 CYs of disaster-generated debris from the public ROW.** Additionally, we monitored and provided documentation for the removal of over 2,000 hazardous hanging limbs and leaning trees. In addition, Tetra Tech provided support to the County in preparing their packages for FEMA reimbursement through the Grants Portal system.



Reference

Greg Caldwell, MPA, Public Works Director
2740 Industry Center Rd. St. Augustine, FL 32084
P. (904) 209-0132 | gcaldwell@sjcfl.us

Okaloosa County, Florida | Hurricane Sally Disaster Debris Monitoring Services

On September 16, 2020, Hurricane Sally made landfall near the Florida/Alabama border as a Category 2 Hurricane. The storm resulted in substantial damage to Baldwin County, AL, Escambia County, FL, and Santa Rosa County, FL. Being approximately 75 miles to the east of the landfall location, Okaloosa County was largely spared from major damage. However, the storm did generate a minor amount of debris.

After an initial damage assessment, the County was unsure whether they would activate their debris contractor. However, after approximately a week of residents bringing their debris to the right of way, it became apparent that the quantity of debris that had been generated was too extensive for their contract waste hauler to handle. As a result, the County activated their contract disaster debris hauler as well as Tetra Tech to provide debris monitoring services.

Hurricane Sally generated approximately 30,000 cubic yards of debris in Okaloosa County. While this is a relatively limited quantity of debris to manage in a disaster debris scenario, it proved to be too substantial for the County's regular solid waste contractor. Tetra Tech began our work by assisting the County to conduct a debris damage assessment to eliminate areas of the County that were not significantly impacted and did not require debris management



Reference

Jim Reece, Solid Waste Manager
84 Ready Avenue Ft. Walton Beach, FL 32548
P. 850-978-1063 | jreece@co.okaloosa.fl.us

services. Several survey teams covered the entire County and were able to isolate various areas of the County that would require debris collection. Tetra Tech's geoportal was a highly utilized tool throughout this fringe storm event. The survey Tetra Tech provided was also placed on the geoportal with each pin containing a picture for every single debris pile throughout the county. As the trucks made their way throughout the county, the ability to visualize the clean-up effort and its path through the city was an invaluable tool.

Tetra Tech certified several debris contractor and waste hauler collection vehicles and assisted in directing crews to the areas of the County with concentrated debris. Tetra Tech provided collection debris monitors for the debris hauling crews as well as debris management site monitors for one vegetative site. One obstacle that was faced which slowed down the progress of the work was all of the construction and demolition material had to be direct hauled to the Santa Rosa County Landfill which was over two hours round trip. Tetra Tech is working with Okaloosa County to ensure that they have multiple debris management sites throughout the county which can also accept the construction and demolition material temporarily in the event of future storms.

Throughout the clean-up efforts, Tetra Tech set up and managed a citizen's debris hotline where residents could call to inquire about disaster debris management services. Tetra Tech provided the county as well as the complainant with updates and resolutions to each of the citizen complaints through an extensive spreadsheet that followed every call to its conclusion. This proved to be very helpful to the county to help mitigate complaints.

Tetra Tech was able to assist the county through the conclusion of clean-up efforts in Okaloosa. Through very coordinated team work with the county, the debris contractor and the citizens on a daily basis, the clean-up was completed in a successful and timely manner.

Baldwin County, AL | Hurricane Sally Disaster Debris Monitoring Services

Baldwin County (County) is located along the Gulf Coast in southern Alabama and is the largest county in the state by area and 7th largest by population. In September 2020, Hurricane Sally made landfall in the City of Gulf Shores, leaving over 160,000 residents without power throughout the County. Hurricane Sally caused significant damage with damages estimated to be in the hundreds of millions of dollars.

Under a pre-positioned contract, the County called upon Tetra Tech to manage the removal of debris. Our team immediately responded to the County and were on site within 4 hours after receiving a notice to proceed. Our on-site project management team rapidly mobilized debris operations, hiring and training 224 local debris monitors to oversee field debris removal and disposal at 12 DMS across the County. Tetra Tech utilized our proprietary ADMS, RecoveryTrac™, to successfully collect an extensive amount of debris data, and then established a geoportal to provide the County with real-time recovery operations reporting.



Reference

Terri Graham, Development & Environmental Director
22251 Palmer Street, Robertsedale, AL 36567
P. (251) 972-6878 | TGraham@baldwincountyal.gov

To date, our team has monitored the removal of over 4,425,280 cubic yards of debris, 39,469 hanging tree limbs, and 5,887 hazardous trees. Our team continues to assist Baldwin County in responding to this storm and will remain by the County's side through their long-term recovery.

Experience Coordinating with Federal, State, and Local Funding Sources and Reimbursement Processes

Throughout the course of the hundreds of debris management and grant management projects that our staff has administered for state and local governments across the United States, our team has developed a unique understanding of the FEMA organization and other regulatory agencies' policies and procedures. Our team maintains strong relationships with many of the lead federal coordinating officers, debris specialists, Public Assistance (PA) coordinators and officers, and other staff. Our team also understands the duties and responsibilities of emergency management personnel at the state and local level, which helps us build strong relationships. Our team has worked with hundreds of local government emergency management agencies and dozens of state emergency management organizations following disaster debris-generating events.

Words from Our Clients

"For over a decade, St. Johns County has maintained a contract with Tetra Tech to provide disaster debris monitoring services. The Tetra Tech management team has become a true partner in our disaster preparedness and recovery operations, and we would highly recommend them based on their rapid response, understanding of federal disaster programs, and strong track record in obtaining maximum reimbursement for St. Johns County."

Greg Caldwell, MPS, Acting Director of Public Works, St. Johns County, Florida

Our team has worked closely with FEMA and FHWA staff in the determination of debris eligibility, data requirements, project worksheet/detailed damage inspection report development, auditing of documentation, and reimbursement requirements. This includes providing step-by-step assistance to clients throughout the FEMA reimbursement process.

To maximize PA funding for our clients, our staff members maintain a working relationship with FEMA at the headquarters, regional, and local levels. Constant communication and regular interface with FEMA allows our team to obtain quick responses on disaster-specific guidance and issues.

Additionally, our data management and document storage procedures are tailored to facilitate FEMA review of the generation of project worksheet versions throughout the project. **Our FEMA appeals and funding specialists have worked with FEMA closeout officers to obtain millions of previously deobligated dollars for communities.**

In the field, our operations managers and field supervisors fully understand FEMA rules and regulations for hand-loaded vehicles; stump, limb, and tree removal at unit rates; volumetric load calls at temporary disposal site locations; and right-of-way (ROW) debris removal eligibility. This allows us to monitor contracts to the smallest detail while concurrently managing and documenting the operation using proven methodologies that maximize FEMA reimbursement. **Our understanding of reimbursement agencies' requirements for eligibility, documentation, and reimbursement has helped our clients obtain over \$6 billion in reimbursement funds from federal agencies such as FEMA, FHWA, and the NRCS.**

Our grant management experts have assisted clients with applying for and retaining grant funds, even after closeout and audit processes. Exhibit 2-1 provides a summary of our experience providing FEMA PA services to local and state governments.

Exhibit 2-1: Recent Grant Funding Experience

Year	Client	Event	Value (\$)	Preliminary Damage Request	Develop Request for Public Assistance	Applicant Briefing	Applicant Kickoff Meeting	Site Visits/Inspections	Project Scoping	Cost Estimation & Documentation	PW/Application Development	Alternate/Improved/Pilot Program	Project Cost Reconciliation	Interim Inspections	Funding Disbursement	Grant Closeout
2021	Harris County, TX	EM-3554	Ongoing							■	■		■			■
2020	Commonwealth of Massachusetts	DR-4496	200,000,000							■						
2020	Harris County, TX	DR-4855	200,000,000						■	■			■			
2020	Houston, TX	DR-4855	50,000,000						■	■			■			
2019	Missouri, State of	DR 4451	2,947,200							■			■		■	■
2019	Missouri, State of	DR 4435	5,664,229							■			■		■	■
2018	Commonwealth of Puerto Rico	DR 4339	60,000,000,000					■	■	■	■	■	■		■	■
2018	City of Callaway, FL	DR 4399	50,000,000	■	■	■	■	■	■	■	■	■	■			
2018	City of Lynn Haven, FL	DR 4399	50,000,000	■	■	■	■	■	■	■	■	■	■			
2018	Dougherty County, GA	DR 4400	10,000,000	■	■											
2018	City of Albany, GA	DR 4400	10,000,000	■	■											
2018	Ventura County, CA	DR 4353	100,000,000						■	■	■		■			
2018	Commonwealth of Puerto Rico	DR 4339	60,000,000,000					■	■	■	■	■	■	■	■	■
2017	City of Houston, TX	DR 4332	2,400,000,000	■	■	■	■	■	■	■	■	■	■			
2017	City of South Daytona, FL	DR 4337	6,000,000			■	■	■	■	■	■	■	■			
2017	Fort Bend County, TX	DR 4332	50,000,000	■	■	■	■	■	■	■	■	■	■			
2017	City of Albany, GA	DR 4294 DR 4297	14,000,000	■	■	■	■	■	■	■	■	■	■			
2017	Dougherty County, GA	DR 4297	12,500,000	■	■	■	■	■	■	■	■	■	■			
2016	South Daytona, FL	DR 4283	1,600,000													
2016	Volusia County, FL	DR 4283	28,000,000	■	■	■	■	■	■	■	■	■	■			
2016	City of Port Orange, FL	DR 4283	16,000,000						■	■	■	■	■			
2016	Beaufort County, SC	DR 4284	56,000,000								■	■	■			
			4,000,000													
2015	Richland County, SC	DR 4241	8,700,000 23,500,000	■	■	■	■	■	■	■	■	■	■	■	■	
2015	City of Sumter, SC	DR 4241	13,000,000	■	■	■	■	■	■	■	■	■	■			
2015	Lexington County, SC	DR 4241	1,600,000					■	■	■	■	■	■			
2015	Dorchester County, SC	DR 4241	3,500,000	■	■	■	■	■	■	■	■	■	■			
2015	Austin County, TX	DR 4269 DR 4272	4,000,000	■	■	■	■	■	■	■	■	■	■			
2015	Waller County, TX	DR 4269 DR 4272	4,000,000	■	■	■	■	■	■	■	■	■	■			
2015	Ascension Parish, LA	DR 4277	20,000,000	■	■	■	■	■	■	■	■	■	■			
2015	Fayette County, GA	DR 4259	3,800,000	■	■	■	■	■	■	■	■	■	■			
2014	City of Napa, CA	DR 4193	2,000,000	■		■	■	■	■	■	■	■	■			
2014		DR 4223														
2014	City of Houston, TX	DR 4269	60,000,000	■	■	■	■	■	■	■	■	■	■			
2015		DR 4272														
2013	Boulder County, CO	DR 4193	2,000,000			■	■				■					■

Year	Client	Event	Value (\$)	Preliminary Damage Request	Develop Request for Public Assistance	Applicant Briefing	Applicant Kickoff Meeting	Site Visits/Inspections	Project Scoping	Cost Estimation & Documentation	PW/Application Development	Alternate/Improved/Pilot Program	Project Cost Reconciliation	Interim Inspections	Funding Disbursement	Grant Closeout
2012	New Jersey Dept, of Environmental Protection	DR 4086	30,500,000	■	■	■	■	■	■	■	■	■	■			
2011	Virginia DOT	DR 4023	3,000,000	■	■	■	■	■	■	■	■	■	■	■	■	■
2011	State of Vermont	DR 4022	23,000,000	■		■	■	■	■	■	■		■			
2011	State of Connecticut	DR 4023	500,000	■				■	■	■						
2010	Hidalgo County, TX	DR 1931	318,000	■	■	■	■	■	■	■	■	■	■	■		
2009	Volusia County, FL	DR 1840	890,000		■			■	■	■	■	■	■	■		
2009	City of Austell, GA	DR 1858	7,900,000	■	■	■	■	■	■	■	■					
2009	City of Newport News, VA	DR 1862	280,000	■	■	■	■	■	■	■	■		■			
2009	City of Virginia Beach, VA	DR 1862	2,000,000					■	■	■	■					
2008	City of Cocoa, FL	DR 1785	200,000					■	■	■	■					
2008	City of Cocoa Beach, FL	DR 1785	15,000					■	■	■	■					
2008	Leon County/ City of Tallahassee, FL	DR 1785	580,000	■					■	■	■		■			
2008	St. Johns County, FL	DR 1785	870,000	■					■	■			■			
2008	Plaquemines Parish, LA	DR 1786	10,000	■	■					■						
2008	Ashburnham Municipal Light Plant, MA	DR 1813	645,000	■		■	■	■	■	■	■		■			
2008	Paxton Light Dept., MA	DR 1813	150,000	■		■	■	■	■	■	■		■			
2008	Princeton Municipal Light Department, MA	DR 1813	9,300,000	■		■	■	■	■	■	■		■			
2008	Sterling Municipal Light Dept.	DR 1813	3,900,000	■		■	■	■	■	■	■		■			
2008	City of Alvin, TX	DR 1791	2,100,000					■	■	■	■		■	■	■	■
2008	City of Angleton, TX	DR 1791	6,000,000					■	■	■	■		■	■	■	■
2008	Cameron County, TX	DR 1780	27,000,000	■	■	■	■	■	■	■	■		■	■	■	■
2008	Fort Bend County, TX	DR 1791	15,300,000	■	■	■	■	■	■	■	■		■	■	■	■

Disaster Recovery Program Management Services

As a result of our successful performance on past projects, our team has become a national leader in providing management and support documentation for the following:

- Emergency road clearance
- Curbside debris collection
- Operation of citizen drop-off sites
- Demolition of uninhabitable structures
- Data management and invoice reconciliation
- Execution of private property debris removal (PPDR) programs
- Oversight of debris management sites (DMS)
- Final debris disposal at a landfill or other end use
- Conflict and damage resolution
- Truck certification
- Right-of-entry (ROE) administration

Special Programs Management

Our team is experienced with all facets of the debris removal monitoring industry, including special disaster recovery program management services. Some examples of special programs our team has managed and administered include the following:

- Animal carcass removal and disposal
- Asbestos abatement
- Beach remediation/restoration
- C&D debris
- Creosote piling
- Disposal site management
- Drainage and canal debris removal
- E-wastes
- Food waste removal
- Hazardous waste debris removal
- Leaner, hanger, and stump removal
- Marine/waterway debris removal
- Private property demolition/debris removal
- Nuisance abatement ordinance administration
- Saltwater killed tree removal
- Subsurface storm drain debris removal
- Vessel and vehicle recovery
- Wetland and parkland debris
- White goods debris removal
- Woodchips/ashes

Private Property/Right-of-Entry Debris Removal

Our team has administered many of the largest PPDR programs in U.S. history, including projects for New Orleans, Louisiana; Gulfport, Mississippi; Bastrop, Texas; and Escambia County, Florida. Tetra Tech assists communities with ensuring they have the legal authority via local and state ordinances to enter onto private property. Our team also assists with preparing submittal packages for FEMA to approve the program, promoting the ROE program with residents, and ensuring the program is properly documented. Exhibit 2-2 is a representative list of our experience in assisting clients with PPDR activities and demolition program management.

Exhibit 2-2: PPDR and Demolition Program Management

Client	Disaster/Year	Public Advertisement	Application Administration	Historical/Environmental Review	Property Survey	Scheduling	Individual Property Debris Tracking	Demolition Program Management	Debris Removal Monitoring	Reduction/Disposal Monitoring	Property Close Out	Data Management
Bay County, Florida	Hurricane Michael (2018)	■	■	■	■	■	■	■	■	■	■	■
CalRecycle / CALOES Ventura County	Wildfire (2018)	■	■	■	■	■	■	■	■	■	■	■
USACE – Napa County, CA	Wildfire (2017)	■	■	■	■	■	■	■	■	■	■	■
USACE – Mendocino County, CA	Wildfire (2017)	■	■	■	■	■	■	■	■	■	■	■
USACE – Lake County, CA	Wildfire (2017)	■	■	■	■	■	■	■	■	■	■	■
USACE – Sonoma County, CA	Wildfire (2017)	■	■	■	■	■	■	■	■	■	■	■
Dougherty County, GA	Tornado (2017)								■	■		■
Lake County, CA	Wildfires (2015)	■	■	■	■	■			■	■	■	■
Hays County, TX	Flooding (2014)	■	■	■	■	■			■	■	■	■
Boulder County, CO	Flooding (2013)	■	■	■	■	■		■	■	■	■	■
Middletown, Township of, NJ	Hurricane Sandy (2012)					■	■	■	■	■		■
St. John the Baptist Parish, LA	Hurricane Isaac (2012)	■			■	■			■	■		■

Bastrop County, TX	Wildfires (2011)	■	■	■	■	■	■	■	■	■	■	■	■
Comanche Nation, OK	Ice Storm (2009)							■	■	■	■	■	■
Cedar Rapids, City of, IA	Flooding (2008)				■	■	■	■	■	■	■	■	■
University of Iowa	Flooding (2008)				■	■	■	■	■	■	■	■	■
Galveston, City of, TX	Hurricane Ike (2008)	■	■	■	■	■	■	■	■	■	■	■	■
Terrebonne Parish, LA	Hurricanes Ike (2008)	■	■	■	■	■	■	■	■	■	■	■	■
Iberville Parish, LA	Hurricane Gustav (2008)	■	■	■	■	■	■	■	■	■	■	■	■
New Orleans, City of, LA	Hurricane Katrina (2005)	■	■	■	■	■	■	■	■	■	■	■	■
Waveland, City of, MS	Hurricane Katrina (2005)	■	■	■	■	■	■	■	■	■	■	■	■
Naples, City of, FL	Hurricane Wilma (2005)							■	■	■	■	■	■

Beach Remediation

Critical to the recovery of any coastal community following a disaster is the remediation of its beaches. Santa Rosa County is no exception to this given its responsibility for Navarre Beach. Following numerous events along the Gulf Coast in the last 20 years including Hurricanes Ivan, Dennis, and Katrina as well as the Deep Water Horizon oil spill, Tetra Tech and our coastal engineers have provided debris monitoring and reconstruction/resiliency related services for beach cleaning, and renourishment following major disaster events. Tetra Tech understands the critical importance of rapidly restoring beaches to the economic recovery of coastal communities. A loss in tourism and visitors to the County’s beaches could reset the local economy to immediate post-hurricane conditions. Tetra Tech is prepared to assist in evaluating damages, working with FEMA and Florida Department of Environmental Protection (FDEP) to determine eligibility, and overseeing recovery efforts on the County’s beaches. If tasked, Tetra Tech will employ proven displaced sand removal and beach remediation protocols to create a program to reopen the beaches as soon as possible and minimize the impact that a beach closure could have on the County’s economy.



Waterways Debris Removal

Our team has worked extensively with local, state, and federal agencies (including the United States Army Corps of Engineers (USACE) and the National Oceanic and Atmospheric Administration) to determine legal responsibility and to evaluate and implement marine debris removal programs. Our team has performed multiple projects for Monroe County, Florida (the Florida Keys), to remove derelict vessels and traps from waterways following Hurricanes Katrina, Gustav, Ike, and Wilma. Following Hurricane Ike, our team assisted Galveston City Municipal Utility District #12, Jefferson County Drainage District #7, the Trinity Bay Conservation District, and the Harris County Flood Control District with inland waterway debris removal assignments. We will help the County legal staff rapidly determine legal responsibility for waterway debris removal, verify scope eligibility, and document the work in a fashion deemed appropriate by reimbursement agencies. **Our team members monitored waterway efforts following Hurricanes Matthew and Irma on behalf of FDEP; and following Hurricane Irma on behalf of the City of Cape Coral, Lee County, Brevard County, Monroe County, and Collier County.** Upon each deployment, Tetra Tech worked closely with FDEP and the state project manager to develop protocols and procedures in order to effectively monitor and manage waterway debris removal efforts while meeting FEMA

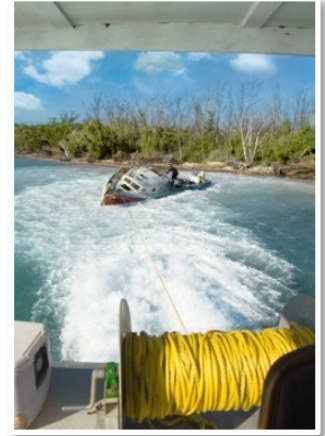


A cleanup crew clears an inland waterway of debris.

eligibility requirements. Due to the technical aspects of the work, and the need for an in-depth understanding of the specific parameters and guidelines, FDEP leans greatly on the Tetra Tech team for technical advice. Tetra Tech continues to hold this contract with FDEP today.

Vessel and Vehicle Recovery

Tetra Tech is able to assist the County in documenting the locations and quantities of vessel and vehicle debris in the County and presenting a case to FEMA to approve and fund the program. The County must first show that they have a legal responsibility to remove the debris and that the debris is not the responsibility of another state or federal agency such as the Florida Department of Environmental Protection, USACE, or the NRCS. Vessel and vehicle debris on private land may present unique ingress/egress challenges and require ROE agreements for access. **Our team monitored vessel debris removal efforts following Hurricane Sandy on behalf of the NJDEP and provided similar services to Escambia County, FL and Monroe County, FL (Florida Keys) following the 2004 and 2005 hurricane season and most recently in Beaufort County, SC to remove vessels damaged and abandoned from Hurricane Matthew.**



Leaning Trees, Hanging Limbs, and Stump Removal

Leaning trees, hanging limbs, and stumps pose significant threats to public health and safety. Guidance on reimbursement for the removal of these vegetative threats is disaster-specific. Tetra Tech has the experience and expertise to help communities avoid the de-obligation of funds or non-reimbursement for these activities due to ineligible work. Our team has assisted numerous clients in surveying, documenting, and monitoring the removal of leaning trees, hanging limbs, and stumps. **Our team members most recently monitored the removal and disposal of 198,635 hazardous trees and hangers on behalf of 36 clients following Hurricane Matthew.** Exhibit 2-3 provides featured clients where our team has monitored the collection and removal of leaning trees, hanging limbs, and stumps following a disaster debris-generating event.

Exhibit 2-3: Hazardous Tree Removal Experience

2,145,676 Total	1,738,389 Hanging Limbs	245,122 Leaning Trees	162,165 Stumps
Our team has assisted numerous clients in surveying, documenting, and monitoring the removal of over 2 million leaning trees, hanging limbs, and stumps. Highlights include:			
2020 Hurricane Sally	43,692	5,888	56
2020 Hurricane Laura	120,198	13,160	30
2015 Present CA Wildfires	3,777	13,292	-
2018 Hurricane Michael	27,562	9,949	124
2018 Hurricane Florence	14,609	259	8
2017 Hurricane Irma	316,108	9,045	94,030
2016 Hurricane Matthew	183,214	12,769	2,529
2011 Winter Storm Alfred	84,135	12,355	-
2008 Hurricane Ike	364,860	29,489	1,152
2007 Midwest Winter Storm	99,382	2,682	3

Hazardous Material Removal

Major disasters (particularly those that involve significant flooding) will result in the need to address hazardous materials. Typically, the U.S. Environmental Protection Agency (EPA) is responsible for identifying and removing large quantities of household hazardous waste (HHW) (containers over 5 gallons such as large commercial/industrial storage tanks, propane tanks, 55-gallon drums, etc.). Local governments are charged with implementing collection programs for HHW, including containers with paints, pesticides, household cleaners, oils/solvents, fuels, etc. Our team has significant experience helping local governments plan, procure, implement, and track disaster-related HHW collection programs at curbside or drop-off locations. Following Hurricane Ike, which resulted in a storm surge that covered almost all of Galveston Island, our team helped the City of Galveston implement one of the largest post-disaster HHW programs in U.S. history, in addition to working cooperatively with the EPA on large quantity HHW recovery.

Asbestos Containing Material Management

Through our team's years of demolition experience, including our previous engagements in Iowa following the 2008 flood, our team of experts has developed best management practices for documenting and monitoring work related to Asbestos Containing Material (ACM). Tetra Tech's best management practices for ACM collection, remediation, and disposal meet state and local regulatory agency requirements. Tetra Tech will collect and catalog all pertinent information related to the ACM content, or lack thereof, for a property. Once the remediation contractor has removed and wrapped the ACM, Tetra Tech will document the transfer of custody through final disposition. As part of the ACM documentation process, Tetra Tech will also collect and pair all waste shipment records to the respective load tickets. Additionally, during the course of the project if Tetra Tech notices any lack of due diligence or potential for environmental violations, our management staff will notify County officials immediately and assist in creating a mitigation strategy. In the instance of non-ACM debris removal, Tetra Tech will collect and digitally link all DMS or landfill manifest with the corresponding load ticket.

Data Management

Our team has spent years researching and developing an effort to streamline the debris collection documentation process with a focus on minimizing the cost to our clients and improving the visibility of debris project operations. Our ADMS, RecoveryTrac™, is the result of these efforts. RecoveryTrac™ is a scalable and fully featured disaster management application designed specifically to address the operational challenges faced during a disaster recovery project. Managing the enormous volume of documentation generated during a debris monitoring operation was paramount to the design of our ADMS. **This state-of-the-art technology has already shown to increase the efficiency and improve the management of debris removal efforts for multiple clients.**

Hauler Invoice Reconciliation and Contracting

To expedite contractor invoice reconciliation efforts, Tetra Tech requires copies of all primary debris hauler contracts with the County. After reviewing the contracts, Tetra Tech will set up our ADMS, RecoveryTrac™ database to generate transactions for tickets issued to each debris contractor. Tetra Tech will then meet with each primary debris contractor to review the debris contractor reports that will be generated automatically through RecoveryTrac™. The debris contractor reports will provide each contractor with sufficient data to reconcile with their subcontractors as well as generate invoices for payment by the County. Several quality assurance (QA) and quality control (QC) checks will be conducted on data before it is provided to the contractor. RecoveryTrac™ significantly reduces the amount of time needed for a contractor to generate an invoice and for the subsequent invoice reconciliation with Tetra Tech.

FEMA Appeal Assistance and Support

Our team has a proven track record of success in helping our clients resolve disputes with funding agencies such as FEMA or the Grantee (State). This includes support post-obligation, audit, and the appeal process. We believe remaining proactive in preventing further appeals requires frequent meetings with state partners and FEMA regions to avoid issues whenever possible. Furthermore, due to our staff's in-depth knowledge of FEMA reimbursement policies, we are often hired by applicants to assist them after FEMA determination memos and OIG audits even when we were not involved with the applicant during the recovery period.

Recently, there has been a shift in the direction of FEMA to perform audits earlier in the disaster so that corrective actions can be made for the grantee or subgrantee. The three most common types of audits that we have supported within the first two years of the disaster include:

Key Fact

As **former Recovery Bureau Chief of the Florida Division of Emergency Management**, Allison McLeary (FEMA Specialist) offers years of direct experience administering grant programming throughout the State of Florida. She is a steadfast advisor in planning for, responding to, and recovering from challenges and disasters.



Tetra Tech has supported clients across disasters from 2016 through today on these up-front audits by:

- Conducting pre-meeting with stakeholders
- Preparing compliance checklists
- Developing documentation notebooks
- Attending meetings and providing subject matter expertise support
- Responding to for Requests for Information

Elements of our audit support strategy include:

- **Retain the Data:** Maintain the data on our secure, cloud-based storage site to mitigate the risk of data loss.
- **Respond Quickly:** Acknowledge the question within 12 hours and respond to the audits within 48 hours of a request.
- **Maintain Communication:** Establish weekly calls with auditors that provide visibility.
- **Stay Positive:** Maintain a positive spirit between the parties to foster a solution quickly.

Experience Defending Client's Interests During an Audit

A representative example of past clients we have supported during the dispute resolution process includes, but is not limited to:

- Our team is currently retained by the Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) to assist on hundreds of appeals related to 11 disasters dating back to Hurricane Katrina in 2005.
- Our team is currently working with FEMA's new VAYGo process for clients in Texas, such as Fort Bend County and the City of Houston along with the Commonwealth of Puerto Rico.
- During our work with the State of Vermont, Tetra Tech worked on five appeals for PWs related to Tropical Storm Irene. As a result, four appeals were overturned, and one appeal upheld.
- During our work with the Port of Galveston, our team has been involved in appeals related to storm-induced erosion and 705(c) claims. At this time, we have been successful on the appeals, with many remaining to be decided by FEMA Region during first appeal.
- Our team supported the successful appeal of over \$400,000 of previously deobligated funds in response to the 2004 Hurricanes Charley, Frances, and Jeanne for Lake County, Florida. These funds were associated with debris collected on private roads and gated communities. Our team did a comprehensive GIS analysis of the debris collected in question and was able to appeal the decision and obtain reimbursement from FEMA.

Recent Debris Monitoring Experience

In accordance with the RFP, below is a list of major debris monitoring projects completed within the past seven years. Additional project information can be made available upon request.

Exhibit 2-4: Recent Debris Monitoring Experience (2015–2021)

				Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
ALABAMA SEVERE STORMS & TORNADOES – 2021																
Total Tons of Debris – 1,178 (Ongoing) Total Clients – 1																
Calhoun County, AL	2021	1,178 Tons		■	■	■		■					■	■	■	■
TEXAS WINTER STORM – 2021																
Total Cubic Yards of Debris – 5,602, 1,116 Tons Total Clients – 3																
Harris County, TX	2021	3,931 CY		■	■	■		■					■	■	■	■
City of Friendswood, TX	2021	1,671 CY		■	■	■		■					■	■	■	■
City of Austin, TX	2021	1,116 Tons		■	■	■		■					■	■	■	■
TENNESSEE SEVERE STORMS & FLOODING – 2021																
Total Tons of Debris – 778 Total Clients – 1																
Nashville/Davidson Cty. TN	2021	778 Tons		■	■	■							■	■	■	■
VIRGINIA WINTER STORM – 2021																
Total Cubic Yards of Debris – 337,332 CY (Ongoing) Total Clients – 1																
Virginia Dept. of Transportation	2021	337,322 CY		■	■	■		■					■	■	■	■
CALIFORNIA NORTHERN BRANCH FIRE – 2020																
Total Cubic Yards of Debris – 226,665 CY (Ongoing) Total Clients – 1																
CalRecycle	2020	226,665 CY		■	■	■		■					■	■	■	■
HURRICANE ZETA – 2020																
Total Cubic Yards of Debris – 1,356,756 CY Total Clients – 9 Representative Clients:																
Dallas County, AL	2020	222,660 CY		■	■	■		■					■	■	■	■
Wilcox County, AL	2020	76,464 CY		■	■	■		■					■	■	■	■
City of Gulfport, MS	2020	483,147 CY		■	■	■		■					■	■	■	■
City of Waveland, MS	2020	216,681 CY		■	■	■		■					■	■	■	■
City of Diamondhead, MS	2020	200,556 CY		■	■	■		■					■	■	■	■
HURRICANE DELTA – 2020																
Total Cubic Yards of Debris – 152,079 CY Total Clients – 4 Representative Clients:																

			Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
Acadia Parish, LA	2020	98,595 CY	■	■	■	■						■	■	■	■
St. Martin Parish, LA	2020	30,600 CY	■	■	■	■						■	■	■	■
HURRICANE SALLY – 2020															
Total Cubic Yards of Debris – 5,056,450 CY Total Clients – 4 Representative Clients:															
Baldwin County, AL	2020	4,425,280 CY	■	■	■	■					■	■	■	■	■
City of Pensacola, FL	2020	574,579 CY	■	■	■	■						■	■	■	■
Okaloosa County, FL	2020	30,794 CY	■	■	■	■						■	■	■	■
HURRICANE LAURA – 2020															
Total Cubic Yards of Debris – 14,472,416 (Ongoing) Total Clients – 17 Representative Clients:															
Calcasieu Parish, LA	2020	6,913,566 CY	■	■	■	■						■	■	■	■
City of Lake Charles, LA	2020	4,085,013 CY	■	■	■	■						■	■	■	■
City of Sulphur, LA	2020	834,659 CY	■	■	■	■			■			■	■	■	■
Rapides Parish, LA	2020	649,710 CY	■	■	■	■						■	■	■	■
Allen Parish, LA	2020	550,896 CY	■	■	■	■						■	■	■	■
HURRICANE ISAIAS – 2020															
Total Cubic Yards of Debris – 102,977 CY Total Clients – 6 Representative Clients															
Town of Oak Island, NC	2020	62,394 CY	■	■	■	■						■	■	■	■
Brunswick County, NC	2020	19,729 CY	■	■	■	■						■	■	■	■
HURRICANE HANNA – 2020															
Total Cubic Yards of Debris – 327,035 CY Total Clients – 3															
Hildago County, TX	2020	187,135 CY	■	■	■	■						■	■	■	■
City of Edinburg, TX	2020	109,904 CY	■	■	■	■						■	■	■	■
City of Pharr, TX	2020	29,995 CY	■	■	■	■						■	■	■	■
TENNESSEE TORNADO – 2020															
Total Cubic Yards of Debris – 1,039,455 CY Total Clients – 3															
Hamilton County, TN	2020	408,305 CY	■	■	■	■						■	■	■	■
Chattanooga County, TN	2020	322,200 CY	■	■	■	■						■	■	■	■
Nashville/Davidson Cty. TN	2020	308,949 CY	■	■	■	■						■	■	■	■
IOWA DERECHO – 2020															
Total Cubic Yards of Debris – 1,102,364 CY Total Clients – 1															
Linn County, IA	2020	1,102,364 CY	■	■	■	■						■	■	■	■

			Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
TROPICAL STORM IMELDA – 2019															
Total Cubic Yards of Debris – 73,336 CY Total Clients – 2															
Jefferson County, TX	2019	57,429 CY	■	■	■	■						■	■	■	■
Harris County, TX	2019	15,907 CY	■	■	■	■						■	■	■	■
HURRICANE DORIAN – 2019															
Total Cubic Yards of Debris – 63,719 CY Total Clients – 5 Representative Clients:															
Dorchester County, SC	2019	31,294 CY	■	■	■	■						■	■	■	■
Town of Summerville, SC	2019	17,410 CY	■	■	■	■						■	■	■	■
Town of Beaufort, NC	2019	8,108 CY	■	■	■	■						■	■	■	■
TORNADOES - 2019															
Total Cubic Yards of Debris – 207,296 CY Total Clients – 2															
Lee County, AL	2019	176,780 CY	■	■	■	■						■	■	■	■
City of Ruston, LA	2019	30,516 CY	■	■	■	■						■	■	■	■
HURRICANE MICHAEL – 2018															
Total Cubic Yards of Debris – 10,618,496 CY Total Clients – 13 Representative Clients:															
City of Lynn Haven, FL	2018	1,297,022 CY	■	■	■	■						■	■	■	■
Bay County, Florida	2018	1,154,579 CY	■	■	■	■						■	■	■	■
City of Callaway, FL	2018	1,102,932 CY	■	■	■	■						■	■	■	■
Georgia (USACE, Sub to CERES)	2018	4,270,065 CY	■	■	■	■						■	■	■	■
City of Springfield	2018	710,642 CY	■	■	■	■						■	■	■	■
HURRICANE FLORENCE – 2018															
Total Cubic Yards of Debris – 1,366,691 CY Total Clients – 14 Representative Clients:															
Onslow County, NC	2018	477,347 CY	■	■	■	■						■	■	■	■
Duplin County, NC	2018	190,031 CY	■	■	■	■						■	■	■	■
City of New Bern, NC	2018	155,301 CY	■	■	■	■						■	■	■	■
CALIFORNIA WILDFRES – 2018															
Total Tons of Debris – 1,657,978 Tons Total Clients – 4															
CalRecycle (State of California)	2018	824,057 Tons	■	■	■	■				■		■	■	■	■
USACE (Sub to ECC)	2018	572,371 Tons	■	■	■	■				■		■	■	■	■
USACE (Sub to AshBritt)	2018	180,162 Tons	■	■	■	■				■		■	■	■	■
USACE (Sub to Ceres)	2018	81,387 Tons	■	■	■	■				■		■	■	■	■

				Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
CALIFORNIA WILDFIRES – 2017																
Total Cubic Yards of Debris – 924,826 Tons Total Clients – 4 Representative Clients:																
CalRecycle (State of California)	2017	51,728 Tons		■	■	■	■				■	■	■	■	■	■
USACE (Sub to Ashbritt)	2017	595,957 Tons		■	■	■	■				■	■	■	■	■	■
USACE (Sub to ECC)	2017	277,141 Tons		■	■	■	■				■	■	■	■	■	■
Calaveras County, CA	2017	83,391 CY		■	■	■	■				■	■	■	■	■	■
HURRICANE IRMA – 2017																
Total Cubic Yards of Debris – 20,113,657 CY Total Clients – 67 Representative Clients:																
Miami-Dade County, FL	2017	3,562,966 CY		■	■	■	■						■	■	■	■
Polk County, FL	2017	2,269,896 CY		■	■	■	■						■	■	■	■
Collier County, FL	2017	3,137,314 CY		■	■	■	■						■	■	■	■
Seminole County, FL	2017	821,470 CY		■	■	■	■						■	■	■	■
HURRICANE HARVEY – 2017																
Total Cubic Yards of Debris – 6,106,111 CY Total Clients – 38 Representative Clients:																
Harris County, TX	2017	1,129,652 CY		■	■	■	■						■	■	■	■
City of Houston, TX	2017	1,439,231 CY		■	■	■	■						■	■	■	■
Fort Bend County, TX	2017	338,303 CY		■	■	■	■						■	■	■	■
City of Corpus Christi, TX	2017	536,074 CY		■	■	■	■						■	■	■	■
Orange County, TX	2017	382,506 CY		■	■	■	■						■	■	■	■
TEXAS TORNADOES – 2017																
Total Cubic Yards of Debris – 93,000 Total Clients – 1																
Texas Department of Transportation	2017	93,000		■	■	■	■						■	■	■	■
GEORGIA TORNADOES – 2017																
Total Cubic Yards of Debris – 920,000 Total Clients – 2																
Albany County, GA	2017	380,000		■	■	■	■						■	■	■	■
Dougherty County, GA	2017	540,000		■	■	■	■				■		■	■	■	■
HURRICANE MATTHEW – 2016¹																
Total Cubic Yards of Debris – 8,739,550 (Estimated) Total Clients – 34 Representative clients listed below.																
Brevard County, FL	2016	820,779		■	■	■	■						■	■	■	■

¹ Ongoing debris collection operations

			Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
City of Deltona, FL	2016	116,935	■	■	■	■						■	■	■	■
Flagler County, FL	2016	129,687	■	■	■	■						■	■	■	■
City of Holly Hill, FL	2016	137,094	■	■	■	■						■	■	■	■
Liberty County, GA	2016	182,468	■	■	■	■						■	■	■	■
City of New Smyrna Beach, FL	2016	203,981	■	■	■	■						■	■	■	■
City of Port Orange, FL	2016	428,244	■	■	■	■						■	■	■	■
St. Johns County, FL	2016	712,705	■	■	■	■						■	■	■	■
City of South Daytona, FL	2016	93,120	■	■	■	■						■	■	■	■
Volusia County, FL	2016	1,058,962	■	■	■	■						■	■	■	■
Beaufort County, SC	2016	1,609,243	■	■	■	■				■		■	■	■	■
Hilton Head Island, SC	2016	2,187,080	■	■	■	■						■	■	■	■
Horry County, SC	2016	187,395	■	■	■	■						■	■	■	■
City of Myrtle Beach, SC	2016	128,174	■	■	■	■						■	■	■	■
SEVERE STORMS AND FLOODING – 2016²															
Total Cubic Yards of Debris – 436,264 Total Clients – 2															
Ascension Parish, LA	2016	390,000	■	■	■	■						■	■	■	■
Iberville Parish, LA	2016	46,264	■	■	■	■						■	■	■	■
WILDFIRES – 2016²															
Total Cubic Yards of Debris – 2,875 Total Clients – 2															
Kern County, CA	2016	T&M ²	■	■	■	■	■	■		■		■	■	■	■
Monterey County, CA	2016	T&M ²	■					■				■	■	■	■
SEVERE STORMS AND FLOODING – 2016															
Total Cubic Yards of Debris – 313,800 Total Clients – 6															
Brazoria County, TX	2016	19,000	■	■	■	■						■	■	■	■
City of Houston, TX	2016	193,951	■	■	■	■						■	■	■	■
Harris County, TX	2016	39,940	■	■	■	■						■	■	■	■
Montgomery County, TX	2016	53,208	■	■	■	■						■	■	■	■
Waller County, TX	2016	1,294	■	■	■	■						■	■	■	■
General Land Office, TX	2016	6,395	■	■	■	■						■	■	■	■
WILDFIRES – 2015															

² Time and materials contract documentation

			Comprehensive Contract Management	Collection Monitoring	Disposal Monitoring	Hazardous Waste Collection Monitoring	Leaner/Hanger/Stump Removal	DMS Environmental Support	Beach Remediation/Restoration	ROE Administration	Marine/Waterway Debris Removal I	Data Collection/ Management/ Billing/ Invoicing	FEMA Compliance Monitoring & Audit Oversight	FEMA Reimbursement	ADMS
Total Cubic Yards of Debris – 38,000 Total Clients – 2															
Lake County, CA	2015	38,000	■	■	■		■	■		■		■	■	■	■
Calaveras County, CA	2015	T&M ²	■	■	■		■	■		■		■	■	■	■
SEVERE STORMS – 2015¹															
Total Cubic Yards of Debris – 199,578 Total Clients – 3															
Friendswood, TX	2015	8,800	■	■	■							■	■	■	■
Hays County, TX	2015	132,100	■	■	■		■	■				■	■	■	■
Caldwell County, TX	2015	58,678	■	■	■		■	■				■	■	■	■
FLOODING – 2015¹															
Total Cubic Yards of Debris – 293,750 Total Clients – 10 Representative clients listed below.															
City of Houston, TX	2015	240,725	■	■	■							■	■	■	■
Hays County, TX	2015	10,900	■	■	■		■	■				■	■	■	■
Town of Wimberley, TX	2015	18,922	■	■	■		■	■				■	■	■	■
Caldwell County, TX	2015	1,320	■	■	■		■	■				■	■	■	■
City of San Marcos, TX	2015	5,590	■	■	■		■	■				■	■	■	■



CALCASIEU PARISH POLICE JURY
GOVERNING AUTHORITY OF CALCASIEU PARISH, LOUISIANA

DIVISION OF ENGINEERING & PUBLIC WORKS

P.O. Drawer 3287
Lake Charles, Louisiana 70602
337/ 721-3700
Fax 337/ 437-3514
LA Only 1-800-542-7623
www.cppj.net

To whom it may concern,

Tetra Tech is currently providing our Parish with disaster cleanup services. Calcasieu Parish has had a longstanding pre-event contract in place with Tetra Tech which was activated following landfall of Hurricane Laura in August of 2020. To date, Tetra Tech has monitored the removal of over 6 million cubic yards of debris and 40,000 hazardous trees and hanging branches as a result of this devastating storm.

Several other hurricanes threatened our region after Hurricane Laura. Throughout the entirety of the 2020 hurricane season, Tetra Tech maintained a constant line of communication with Parish officials. Their management team held multiple preparedness meetings which ensured us of their commitment to the needs of our Parish. Tetra Tech's experienced team of disaster recovery experts, in cooperation with Parish officials and our contracted debris hauler, were able to efficiently shut down and start up recovery operations when other hurricanes approached and passed.

Tetra Tech is continuing to assist our community with disaster debris management and we highly recommend them to other municipalities for debris monitoring services.

A handwritten signature in blue ink that reads 'Theresa Champeaux'.

Theresa T. Champeaux, CPA
Assistant Director, Division of Engineering & Public Works
Calcasieu Parish Police Jury



SANITATION SERVICES/FLEET MANAGEMENT

RE: Letter of Recommendation

January 5, 2021

To Whom it May Concern:

I am writing this letter to express my appreciation for the performance of the Tetra Tech Team during the debris removal monitoring program as a result of Hurricane Sally. Since our City secured Tetra Tech's services under a pre-positioned contract, representatives from their team were able to meet with us in order to prepare for a potential storm prior to hurricane season. As such, Tetra Tech was already familiar with our staff and City protocols prior to contract activation, which allowed for a seamless response prior to, and immediately after Sally's impact.

The Tetra Tech Team's swift response to our EOC was unparalleled, and they wasted no time in ramping up our city's recovery in the immediate aftermath of the storm. The project management team managed the hiring and training process for debris monitors, which were comprised of local residents. As a result of the storm, debris monitors removed over 570,000 cubic yards of debris. Throughout the three-month operation, we had full transparency into the removal process, and were able to view the projects progress thanks to the Geoportal provided by the Tetra Tech data team.

Our city was especially impressed by the involvement of Tetra Tech's senior management team, who were responsive in answering questions, providing oversight and any assistance we required. The expertise and professionalism displayed by the entire team was extremely beneficial to the recovery of our city. Although we hope to avoid any future disasters of this nature, I would not hesitate to call on Tetra Tech for assistance.

Regards,

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

John Pittman, M.P.A.

Director, Sanitation Services & Fleet Management

City of Pensacola, Florida



St. Johns County Board of County Commissioners

Public Works

January 14, 2021

To Whom It May Concern,

For over a decade, St. Johns County has maintained a contract with Tetra Tech to provide disaster debris monitoring services. The Tetra Tech management team has become a true partner in our disaster preparedness and recovery operations, and we would highly recommend them based on their rapid response, understanding of federal disaster programs, and strong track record in obtaining maximum reimbursement for St. Johns County.

Tetra Tech's services were first tested following Hurricane Matthew in 2016. Hurricane Matthew caused widespread debris throughout our neighborhoods and beaches. Tetra Tech assisted the County in estimating the amount of debris generated and formulating cost estimates. Most important, they substantiated and implemented a private property debris removal program (PPDR) which was critical for our County given the large number of homes located on private roads and within gated communities. Tetra Tech also worked with our debris hauler to quickly implement a program to remove debris from our County-maintained beaches which was critical for the economic recovery of our County.

The following year (2017), St. Johns County was impacted by another major hurricane event (Hurricane Irma). Tetra Tech once again provided us with a solid management team and implemented many of the same programs that they had implemented for Hurricane Matthew the year before. Collectively for both storms, Tetra Tech oversaw the removal of more than 1.4 million cubic yards of disaster debris. Tetra Tech's automated debris management system (ADMS) was instrumental in allowing county staff to see in real-time the progress being made in recovery operations. At any point, County staff could determine where debris removal crews were working throughout the County. The real-time reporting available from Tetra Tech's ADMS allowed us to better manage operations and communicate with the public on expected recovery timelines.

Tetra Tech's knowledge of public works operations, disaster debris management, and the FEMA Public Assistance program was instrumental in our recovery. We would highly recommend Tetra Tech to other jurisdictions wanting to be fully prepared for major disaster events that may impact their community.

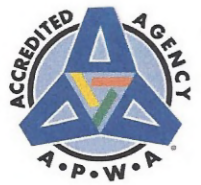
Sincerely,

A handwritten signature in blue ink, appearing to read "Greg Caldwell", is written over a light blue circular stamp.

Greg Caldwell, M.P.A
Acting Director of Public Works



OKALOOSA COUNTY PUBLIC WORKS



February 19, 2021

Jonathan Burgiel
Business Unit President
Tetra Tech Disaster Recovery
2301 Lucien Way, Suite 120
Maitland, FL 32751

Subject: Letter of Appreciation

Dear Sir:

Okaloosa County would like to take this opportunity to thank you and your on-site team led by Katie Taylor for your assistance related to monitoring activities in support of Hurricane Sally debris removal operations. From access to Tetra Tech's Geoportal technology to the establishment of a Call Center for local residents your services made Okaloosa County's work a lot easier managing the debris cleanup. It was comforting having Tetra Tech as our advocate in the field as well as coaching us through the process.

Ms. Taylor possesses one quality that was most appreciated as the project matured and that quality is communication. Ms. Taylor made herself consistently available to County staff working the project. No matter what day or time, Katie answered her phone or returned a phone call promptly. And no matter what the issue was, she was willing to provide the time necessary for discussion and formulation of a plan of action.

Because of the competence and professionalism of your staff, we have much greater confidence that our debris removal expenditures will be reimbursed by FEMA.

Sincerely,

A handwritten signature in blue ink, appearing to read "Scott R. Henson and Jim Reece".

Scott R. Henson and Jim Reece
Waste Resources Program Managers
Okaloosa County Public Works

Section 3. Personnel

Overview of Staff Experience

Tetra Tech has assembled a team of experienced emergency management, infrastructure, and grant management specialists with hands-on experience in recent disasters and emergencies as well as prevention, mitigation, preparedness, response, and recovery programs. Our disaster recovery professionals are uniquely familiar with the policies, procedures, and requirements associated with providing disaster recovery services subject to Federal Emergency Management Agency (FEMA), Federal Highway Administration (FHWA), U.S. Department of Housing and Urban Development (HUD), Natural Resources Conservation Service (NRCS), and other federal agency reimbursement programs.

Our staff members have successfully managed the removal of and reimbursement for over **137 million cubic yards (CYs) of debris**

as well as the **demolition of over 12,500 uninhabitable residential and commercial structures**. Our team has monitored and obtained FEMA, FHWA, and NRCS reimbursement on **over 30 debris removal projects in excess of 1 million CYs of debris** and understands the significant resource commitment and effort that is necessary to manage and monitor large-scale debris removal operations for local governments.

Tetra Tech is committed to providing the County with a dedicated and consistent project management team that will expedite recovery efforts in the County by establishing a coordinated and organized approach to debris removal. Our dedicated team is available to the County 365 days per year.

250 FULL-TIME DISASTER RESPONSE EMPLOYEES

+2,000+ ON-CALL EMPLOYEES

10,000+ FIELD STAFF RAPIDLY MOBILIZED

95% FULL-TIME STAFF RETENTION RATE

100% IN-HOUSE STAFF EXPERTISE

15+ YEARS with Tetra Tech

Professional Certifications, Training, and Licensing

Tetra Tech remains abreast of the latest guidance, issues being debated, and current best practices through participation in expert groups, attendance in training and conference sessions, and working with national experts in disaster recovery operations, emergency management, national security, information technology, public health, transportation, and critical infrastructure protection.

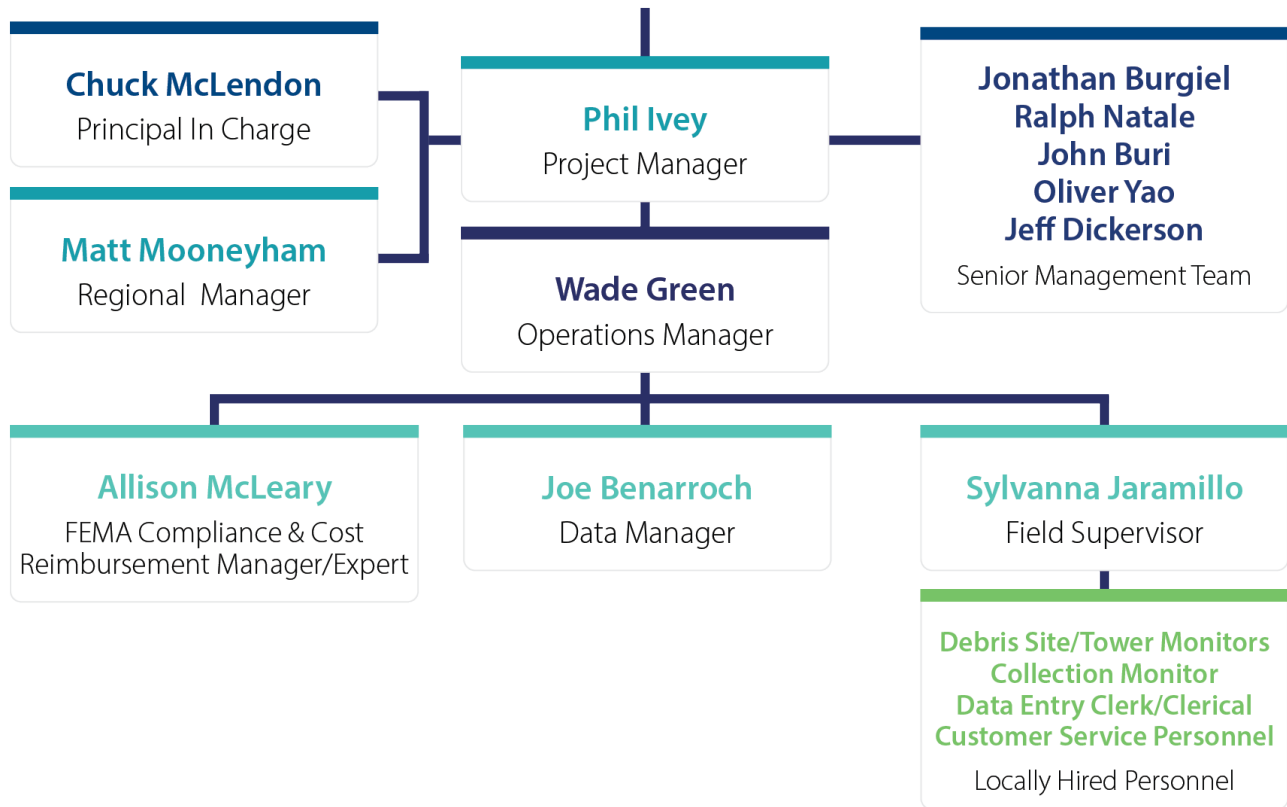
Our proposed team possesses many of the key certifications necessary to provide quality technical services and have attended numerous training courses related to debris operations and emergency management. Some of these include, but are not limited to:

- Occupational Safety and Health Administration (OSHA) Disaster Site Worker Course
- OSHA 10-Hour Construction Safety Certification
- OSHA 40-Hour HAZWOPER Certification
- G-202 Debris Management
- IS 100: Introduction to Incident Command System
- IS-120: Introduction to Exercises
- IS-200: Basic Incident Command
- IS-547: Introduction to Continuity of Operations (COOP)
- IS-631: Public Assistance Operations I
- IS-632: Introduction to Debris Operations
- IS-634: Introduction to FEMA's Public Assistance Program
- IS-700: National Incident Management System
- IS-800: National Response Program
- Intermediate Workzone Traffic Control (FDOT)

Organizational Chart and Resumes

The diagram below shows our proposed project team organizational structure. The proposed organization structure is based on industry best practices and an understanding of geography and the distinct management responsibilities of each position. Our proposed organizational structure ensures orderly communication, distribution of information, effective coordination of activities, and accountability. Tetra Tech’s project team can scale as needed, coordinate response, establish common processes for planning and managing resources, and adapt organizational structure to match the needs and complexities of projects. **Résumés have been included at the end of this section.**

Santa Rosa County, Florida



Proposed Staff

Senior Management Team

Our senior management team will provide expert oversight and assistance at critical junctures and is prepared to assist the project management team for the duration of any disaster recovery operation. These individuals bring decades of disaster debris monitoring and reimbursement expertise.

- **Mr. Jonathan Burgiel** has 30+ years of experience in solid waste and disaster recovery. His disaster-related work has included serving as principal in charge of over 100 projects, helping clients throughout the country prepare for, respond to, and recover from natural and human-caused disasters. Mr. Burgiel has provided senior management leadership to communities in Puerto Rico (Hurricane Maria); Miami Dade County and the City of Winter Park (Hurricane Irma); Richland County, South Carolina (Historic 1,000 Flooding Event); the New Jersey Department of Environmental Protection (NJDEP) (Hurricane Sandy); State of Connecticut (Hurricane Sandy); State of Louisiana (Hurricane Isaac); City of New Orleans, LA (Hurricane Katrina Residential Demolition Program); and Harris County, Texas (Hurricane Ike), to name a few.
- **Mr. Ralph Natale** is an expert in FEMA PA Grant Program reimbursement policies and has administered nearly 230 projects in his 13-year career. Mr. Natale has served as a principal in charge or project manager in response to some of the country's largest debris-generating disasters, including NORCAL and SOCAL Wildfires, Hurricanes Harvey, Irma, Matthew, Katrina, Ike, and Sandy. This includes managing and documenting the removal of over 46 million CYs of debris and over 1.3 million hazardous trees. This and the program management of over 9,600 demolitions total over 2.5 billion dollars of reimbursed invoices. He currently serves as principal in charge for several of the firm's response efforts in California following the devastating fires and for 38 communities following Hurricane Harvey in Texas.
- **Mr. Jeff Dickerson (GIS Analyst)** has more than 30 years of experience in program management and information technology and is the principal system architect of our ADMS, RecoveryTrac™. Mr. Dickerson has managed numerous large disaster response operations with over 1,000 field monitors, coordinated the operation of 24-hour data processing centers (some with nearly 100 personnel), and provided technical support for a debris management database to track over 1,000 trucks and the documentation for over 5 million CYs of debris brought to clients' debris management sites. Mr. Dickerson has led deployment and logistics efforts for some of the firm's largest debris monitoring efforts. Most recently, he oversaw the deployment of over 6,000 field units to over 100 clients following Hurricanes Harvey, Irma, and Maria.
- **Mr. John Buri** is a versatile emergency management, disaster mitigation, response and recovery, and grant management professional with 16 years of experience. Mr. Buri has provided senior management oversight on 22 major disasters declarations for over 100 clients since 2007, representing over \$6 billion in disaster-related grants. He has responded to numerous large-scale activations and engages with FEMA and state regulatory agencies and debris contractors in addition to providing FEMA PA consulting for tasks and activities associated with each disaster recovery operation. Mr. Buri also is familiar with FEMA Hazard Mitigation Assistance, HUD CDBG-DR, and disaster funding strategies for local and state governments.
- **Mr. Oliver Yao** has over 14 years of disaster recovery experience and has supported response efforts to some of the largest disasters to affect the United States, including Hurricanes Katrina, Ike, Sandy, Matthew, and Harvey. Mr. Yao has developed standard operating procedures (SOP) for documentation and data management that assist our clients during closeout and audit. He has also provided local governments across the country with debris management consulting services. Mr. Yao is a leading subject matter expert in reimbursement documentation and closeout audit support. In addition, Mr. Yao has assisted numerous local governments with FEMA appeals following Hurricanes Charley, Frances, Jeanne, Wilma, and Matthew.

Project Management Team

In addition to our senior management team, our dedicated project management team consists of disaster recovery professionals who are uniquely familiar with the policies, procedures, and requirements associated with providing disaster recovery services. Tetra Tech's staff members constitute an integrated team with unparalleled skills and experience that is uniquely qualified to manage the debris monitoring operations.

Personnel	Experience Summary
Chuck McLendon <i>Principal in Charge</i>	<p>Mr. Chuck McLendon is a native of Santa Rosa County and has been providing consulting engineering services to federal, state, and local governments across the U.S. for more than 30 years. His background in solid and hazardous waste management has led him to become one of the leading experts in the country on the implementation of large-scale post-disaster debris removal programs. Mr. McLendon has served as a trusted advisor to Santa Rosa County on numerous occasions over the past 20 years including the County's initial evaluation of franchised solid waste collection, debris monitoring for Hurricane Dennis, and the County's response to the BP Oil Spill. He has routinely assembled large teams to support major infrastructure and emergency response efforts. Mr. McLendon has served as principal in charge for 30+ major disaster activations, including projects totaling more than 150 million CYs of debris and upwards of \$2.5 billion in FEMA PA reimbursement.</p>
Matt Mooneyham <i>Regional Manager</i>	<p>Mr. Mooneyham, a Santa Rosa County resident, has served County Public Works departments for more than 15 years. Prior to joining Tetra Tech, Matt served as a Capital Projects Manager for Escambia County Public Works as well as the Santa Rosa Island Authority. While at Escambia County – he responded to a number of events including Hurricane Ivan, Hurricane Dennis, the April 2014 flood, and several other incidents. Since joining Tetra Tech, Matt has served as a Regional Project Manager for several major incidents including Hurricane's Irma, Michael, and Sally. More specifically, Matt has overseen Tetra Tech's debris monitoring work for Bay County, Florida following Hurricane Michael. As a local resident, Matt has a strong understanding of Santa Rosa County roadways, neighborhoods, disposal sites, local contractors, and other</p>
Phil Ivey <i>Project Manager</i>	<p>Mr. Phil Ivey has overseen recovery operations in response to some of the country's largest debris-generating disasters, including Hurricanes Sandy, Irene, Ike, Katrina, Wilma, Dennis, and Ivan; the 2013 Boulder County, Colorado floods; the 2006 ice storms in Buffalo, New York; and the Groundhog Day tornadoes that swept through Central Florida in February 2007. He has worked in communities stretching from the Gulf Coast region to upstate New York providing disaster recovery operations to ensure compliance with all Federal Emergency Management Agency (FEMA) and other reimbursement agency regulations. He provides FEMA-related guidance during times of activation based on his extensive experience managing disaster recovery efforts. Additionally, Mr. Ivey resides in Pensacola and will be immediately available should the County be threatened by a future debris generating event.</p>

Personnel

Experience Summary

Allison McLeary

*Technical Director, FEMA
Compliance & Cost
Reimbursement*

Ms. Allison McLeary is a local resident (Pensacola Beach) and former Recovery Bureau Chief for the Florida Division of Emergency Management (FDEM). Prior to joining FDEM, she served as Chief Counsel for Louisiana's Governor's Office of Homeland Security and Emergency Preparedness.

As Recovery Bureau Chief at FDEM, Ms. McLeary administered billions in FEMA Public Assistance and U.S. Treasury (Coronavirus Relief Fund) dollars on behalf of the State of Florida. She has worked with hundreds of local government applicants across the State on various recovery and reimbursement related issues. In addition to being a FEMA PA policy expert, Allison continues to maintain strong relationships with FDEM leadership as well as FEMA Region 4 and headquarters. **Ms. McLeary will ensure that Santa Rosa County has a direct line of communication to key staff at FDEM and FEMA in order to address critical recovery and reimbursement related issues in an expedited fashion.**

Wade Green

Operations Manager

Mr. Greene is a field operations manager who is experienced in all aspects of debris monitoring and required documentation to satisfy the requirements of multiple funding sources. Mr. Greene is responsible for the implementation of Tetra Tech's work plans, dispatching field personnel, staffing, safety, field logistics, and training. Mr. Greene will verify eligibility and compliance; oversee collection and disposal operations; and coordinate directly with debris contractors, data managers, and project managers.

Joe Benarroch

Data Manager

Mr. Benarroch is a data manager, responsible for oversight and management of field data managers and invoice analysts. His areas of expertise include Federal Emergency Management Agency (FEMA) eligibility and documentation requirements, private property debris removal packet management, database management, and project reporting. Mr. Benarroch also has an in-depth understanding of our Automated Debris Management System (ADMS) RecoveryTrac™. As such he can support the implementation of ADMS in the field as well as establish quality assurance and project reporting.

Sylvanna Jaramillo

Field Supervisor

Ms. Jaramillo is an experienced field supervisor who is knowledgeable in all aspects of debris monitoring and required documentation to satisfy the requirements of multiple funding sources. Ms. Jaramillo is responsible for the implementation of Tetra Tech's work plans, dispatching field personnel, staffing, safety, field logistics, and training. Ms. Jaramillo will verify eligibility and compliance; oversee collection and disposal operations; and coordinate directly with debris contractors, data managers, and project managers. She has supported projects in Iowa, California, Florida, and South Carolina following hurricanes and wildfires.



EXPERIENCE SUMMARY

As President of Tetra Tech’s Disaster Recovery Business Unit, Mr. Burgiel manages the business operations of all disaster recovery efforts, including preparedness planning, project staffing, logistics, grant administration and agency reimbursement support, program accounting/auditing oversight, and contract negotiations. Mr. Burgiel is dedicated to helping communities plan for and recover from disasters and provide the necessary documentation to receive the maximum allowable reimbursement from federal and state emergency management agencies.

Mr. Burgiel has 30+ years of solid waste and disaster recovery experience. His disaster-related work has included serving as principal in charge of over 100 projects, helping clients throughout the country prepare for, respond to, and recover from natural and human-caused disasters.

Mr. Burgiel is intimately familiar with local, state, and federal solid waste and hazardous waste regulations, as well as U.S. Department of Housing and Urban Development (HUD), Federal Emergency Management Agency (FEMA), and Federal Highway Administration (FHWA) policies and reimbursement procedures as they relate to disaster management and recovery.

RELEVANT EXPERIENCE

Mr. Burgiel has provided senior management oversight to the following projects:

- Hurricane Maria debris mission supporting the Commonwealth of Puerto Rico Department of Transportation
- 67 communities and over 2,400 staff in Florida – Hurricane Irma
- 38 communities and over 1,400 staff in Texas – Hurricane Harvey
- Multiple communities in South and North Carolina – Hurricane Matthew
- Richland County & Lexington County, South Carolina - South Carolina 1,000-year Flooding Event - Comprehensive Disaster Recovery Services
- Hays County/City of Wimberley, Texas – Severe Flooding Disaster Recovery Assistance
- New Jersey Department of Environmental Protection (NJDEP) – Hurricane Sandy Disaster Vessel Recovery Program
- State of Connecticut – Hurricane Sandy Disaster Debris Program
- State of Louisiana – Hurricane Isaac Disaster Debris Program Management
- City of New Orleans, Louisiana – Hurricane Katrina Residential Demolitions
- Bastrop County, Texas – Wildfires
- City of Cedar Rapids, Iowa – Severe Flooding

YEARS OF EXPERIENCE

30+

AREA OF EXPERTISE

- Solid and Hazardous Waste Management
- Disaster Recovery Program Management
- Federal Grant Management

DISASTERS

- 4337 FL Hurricane Irma
- 4332 TX Hurricane Harvey
- 4286 SC Hurricane Matthew
- 4245 TX Flood
- 4241 SC Flood
- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 1791 Hurricane Ike
- 1786 Hurricane Gustav
- 1780 Hurricane Dolly
- 1679 FL Tornadoes
- 1606 Hurricane Rita
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1561 Hurricane Jeanne
- 1551 Hurricane Ivan
- 1545 Hurricane Frances
- 1539 Hurricane Charley

EDUCATION

University of Central Florida
Master of Business Administration, 1989

Tufts University
Bachelor of Arts, Economics, 1984

Principal in Charge (November 2018 – Present)**Florida Department of Economic Opportunity | HUD CDBG-DR Rehab/Reconstruction Program**

Mr. Burgiel serves as program manager for Tetra Tech's performance of housing rehabilitation and reconstruction related environmental services associated with the State of Florida's \$615.9 million HUD CDBG-DR grant associated with Hurricane Irma. Overseeing Tetra Tech staff's development of approximately 6,000 Tier 2s, 3,000 lead risk assessments, review of 8 Tier 1s, and other specialized environmental services (e.g., CESTs, EAs, etc.) as a subcontractor to IEM, Inc.

Senior Project Manager (June 2017 – Present)**Restore Louisiana | HUD CDBG-DR Housing Rehabilitation**

Served as Project Manager over the preparation of over 25,500 Tier 2 environmental reviews and over 6,000 lead risk assessment and clearance inspections. This \$20 million project performed by Tetra Tech utilized state of the art technology and cloud based technology to decrease the cost of performing a Tier 2 review by over 50% from prior state led residential rehab projects.

Principal in Charge (October 2018 – Present)**Texas General Land Office | HUD CDBG-DR Housing Rehab/Reconstruction Program**

Mr. Burgiel is currently serving as program manager for Tetra Tech's performance of housing rehab and reconstruction related environmental services associated with the State of Texas' \$5.024 billion HUD CDBG-DR grant associated with Hurricane Harvey. Overseeing Tetra Tech staff's development of approximately 3,500 Tier 2s, 1,700 lead risk assessments, and other specialized environmental services (CESTs, EAs, etc.) as a subcontractor to IEM, Inc.

Principal-in-Charge (May 2015–October 2015)**Hays County/City of Wimberley Texas | Post-Disaster Flood Support Services**

Following the historic flooding event along the Blanco River where over 20 people perished, Mr. Burgiel provided technical support in the Hays County, Texas Emergency Operations Center (EOC) during and immediately following the flooding disaster. As part of these services, Mr. Burgiel supported the County and City of Wimberley in providing expert technical advice associated with providing the County/City appropriate measure for responding to the event and methods for best tracking the County's disaster-related costs to maximize the County's/City's FEMA reimbursement post-disaster. Mr. Burgiel was instrumental in standing up the County right-of-way debris removal program and subsequently obtaining approval for a private property debris removal (PPDR) program from FEMA to cover the extensive debris that remained along and in the Blanco River, which created a future health and safety hazard to the County and City.

Senior Management (September 2008-January 2009)**Harris County, Texas | Hurricane Ike Disaster Debris Program Management**

In 2008, Hurricane Ike made landfall in Texas, causing extensive damage to Harris County, the fourth largest county in the United States. Mr. Burgiel rode out the storm in Harris County's EOC and assisted with the deployment of our response team following the storm. Our team assisted with monitoring and cost reimbursement for over 2.5 million cubic yards of debris from the public right-of-way (ROW) in response to Hurricane Ike.

EXPERIENCE SUMMARY

Mr. Ralph Natale serves as Director of Operations for Tetra Tech’s Post Disaster Program Management Division (TDR). In this role, Mr. Natale will be responsible for ensuring the adequacy of the firm’s resources and staffing commitments for this City of Houston program as well as ensuring that the firm’s structural, operational, and technological protocols are sufficient to support staff assigned to City of Houston work assignments.

Mr. Natale began his career in debris management and has since managed post-disaster field recovery operations for many of the largest disasters in U.S. history. Given his proficiency in building large staffing teams and creating effective / repeatable standard operating procedures, Ralph was promoted to Director of Operations for all of Tetra Tech’s post disaster response and recovery operations.

Since serving as Director of Operations, Ralph has assisted our technical teams in establishing several of the largest and most effective FEMA PA and CDBG-DR programs in the country. This has included our FEMA PA support contract with the government of Puerto Rico and State of Louisiana, as well as major CDBG-DR programs in Florida, Texas, North Carolina, Louisiana, and Puerto Rico.

In addition to Ralph’s aptitude in managing large programs, he also has strong familiarity with the City of Houston. Since 2008, he has served as Principal in Charge for Tetra Tech’s debris monitoring contract with the City of Houston and has been engaged for multiple disasters – including Hurricanes Ike and Harvey - to manage very large debris monitoring programs (some of which involved several hundred personnel). The effective execution of these large, complex field projects is a testament to Mr. Natale’s leadership and organizational skills.

Mr. Natale is an expert in Federal Emergency Management Agency-Public Assistance (FEMA-PA) Grant Program reimbursement policies and has administered nearly 70 projects in his 14-year career. He has also become highly proficient in other federal grant programs including HUD’s Community Development Block Grant – Disaster Recovery (CDBG-DR) program where he oversees several major Tetra Tech CDBG-DR programs.

FEATURED EXPERIENCE**Principal in Charge (August 2017– April 2018)****City of Houston, Texas | Hurricane Harvey**

Hurricane Harvey caused unprecedented flooding to the City of Houston. Mr. Natale managed Tetra Tech’s response and recovery debris monitoring support to the City including oversight of 13 primary debris haulers. Mr. Natale ensured that all debris activities were documented in accordance with FEMA PA policy requirements.

Principal in Charge (May–August 2015)**YEARS OF EXPERIENCE**

14

AREA OF EXPERTISE

- Operational Oversight / Leadership
- Program Design and Implementation
- Process Engineering / Improvement
- Project Budgeting and Accountability
- State and Federal Regulations / Policies
- Technological Solutions

GRANT EXPERIENCE

- FEMA PA
- FEMA HMA/HMGP
- HUD CDBG - DR
- NRCS EWP
- FHWA ER

EDUCATION

New Jersey Institute of Technology, Bachelor of Science, Chemical Engineering
(in progress)

City of Houston, Texas | Memorial Day Floods

Mr. Natale designed and incorporated an operational plan to manage debris removal efforts on over 6,000 road miles and 1,000,000 parcels in 60 days. 650,000 yards were collected in the 256 debris zones using City of Houston force account labor and equipment and contractor resources.

Principal in Charge (October 2008–July 2010)**City of Houston, Texas | Hurricane Ike Disaster Debris Program Management**

Our response to the City of Houston following Hurricane Ike included the collection of over 5.5 million CYs of debris in 256 zones throughout the City. This also included 300 parks and open spaces. Mr. Natale also was tasked with managing the firm's largest hazardous tree removal program for the City of Houston. The program involved removing over 214,000 hazardous trees accompanied by 630,000 photographs to document eligibility. Mr. Natale worked closely with the City of Houston Solid Waste and Finance Department to reconcile and provide detailed information of over \$110 million in invoices and over \$3 million in FHWA funds. Mr. Natale also helped reconcile and submit over \$9 million in force account labor.

Principal (February 2020 – Present)**Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP)****Multiple Disasters including Hurricane Laura**

Mr. Natale has provided FEMA PA staffing and operational support to our GOHSEP contract since inception. He works with the Project Manager to ensure that the project is staffed with the proper technical competencies and that administrative matters (invoicing, etc.) are administered timely and effectively.

Principal (Jul 2019–Present)**Puerto Rico Department of Housing (PRDOH) R3 Puerto Rico CDBG Program**

Mr. Natale has provided senior operational leadership for the HUD-mandated environmental reviews (Tier II Site Specific Reviews), Damage Assessment Inspection/Cost Estimate, LBP, and Asbestos Inspection program in accordance with 24 CFR Part 58 and the current Puerto Rico PRHOH R3 Program Environmental Review (Tier II) Procedures for an estimated 60,000 hurricane and flood damaged properties.

Principal (Oct 2019–Present)**Harris County, Project Recovery CDBG Program**

Mr. Natale has provided senior technical support and staffing leadership for the HUD-mandated environmental reviews (Tier II Site Specific Reviews), Damage Assessment Inspection/Cost Estimate, and LBP program in accordance with 24 CFR Part 58 and the current Puerto Rico PRHOH R3 Program Environmental Review (Tier II) Procedures for an estimated 2,500 hurricane and flood damaged properties.

Principal (Dec 2018–Present)**State of Florida, Rebuild FL CDBG Program**

Mr. Natale has provided senior operational leadership for the HUD-mandated environmental reviews (Tier II Site Specific Reviews), Damage Assessment Inspection/Cost Estimate and LBP Inspection program in accordance with 24 CFR Part 58 and the current Florida Department of Economic Opportunity (DEO) Program Environmental Review (Tier II) Procedures for an estimated 7,000 flood damaged properties.

Principal in Charge (November 2017 – Present)**USACE / CalRecycle / Local Governments, California Wildfire Response**

Since 2017, Mr. Natale has served as Tetra Tech's Principal in Charge for all response and recovery activities associated with more than 14 complex wildfire incidents in California. Mr. Natale's leadership has included operational staffing of debris, environmental, and administrative staff, design of processes and procedures, and all other financial and administrative related tasks supporting these incidents.

EXPERIENCE SUMMARY

Mr. John Buri is a director of post-disaster programs for Tetra Tech, Inc., and a member of our senior management team. Mr. Buri has a thorough understanding and practical application of industry best practices and federal guidance governing such efforts including the Federal Emergency Management Agency (FEMA), Hazard Mitigation Assistance (HMA), FEMA Public Assistance (PA) Program, 2 CFR 200, HUD CDBG-DR and disaster funding strategies for local and state governments. Key highlights of Mr. Buri's career include:

- **16 years of experience:** Working with mitigation, emergency management planning, response, and recovery operations
- **\$3 billion:** His work has represented over \$3B in disaster related grants.
- **22 Disaster Declarations:** Performed in roles of project manager or principal-in-charge
- **\$142 million:** Served as program manager for \$142M in buyout /elevations
- **41 Total Disaster Declarations:** Worked on projects in either a project manager, principal in charge or support role.
- **17 States:** Worked in 17 states across 8 FEMA Regions
- **100 clients:** Mr. Buri has worked for over 100 state and local governments clients since 2004
- **39 national and state-level conference speaking engagements:** He is a nationally recognized speaker on disaster recovery and preparedness topics, presenting at the National Hurricane Conference, National Hazardous Materials Management Association Annual Conference, Solid Waste Association of North America Annual Conference (WasteCon), Maryland Emergency Management Association Conference, Government Finance Officers Association Conference, Texas Homeland Security Conference, North Carolina Emergency Management Conference, and the National Forum for Black Public Administrators Conference.

FEATURED RELEVANT EXPERIENCE

Multi-year Emergency Management & Disaster Recovery Services City of Houston, Texas; Program Manager

- Managed emergency responses to major disasters including Hurricane Ike in 2008 (DR-1791), Memorial Day flood in 2015 (DR-4223), Tax Day flood in 2016 (DR-4269); and Hurricane Harvey 2017
- Following each disaster, coordinated with FEMA, Texas Division of Emergency Management (TDEM), USACE, Texas Commission on Environmental Quality (TCEQ), city departments, elected officials,

YEARS OF EXPERIENCE

16 Years

AREA OF EXPERTISE

- Damage Assessment
- Policy and Procurement
- Debris Management
- Disaster Housing
- Grant Application Development
- Grant Accounting Systems
- Audit Process
- Closeout Procedures

GRANT EXPERIENCE

- FHWA-ER Program
- HUD CDBG-DR
- FEMA PA
- FEMA 404 HMGP
- FEMA HMA

DISASTERS

- 4245 TX Flood
- 4241 SC Flood
- 4240 CA Wildfire
- 4223 TX Flood
- 4222 OK Flood
- 4193 Napa Earthquake
- 4166 SC Winter Storm
- 4165 GA Winter Storm
- 4145 Colorado Floods
- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4022 Tropical Storm Irene
- 4106 CT Winter Storm
- 4064 OK Tornado
- 1969 NC Tornados

EDUCATION

Texas State University
Master of Arts, Public Administration, 2002

The University of Texas
Bachelor of Arts, Government, 2000

congressional offices and volunteer groups to coordinate field activities, damage site inspections, eligibility reviews, and audits

- Managed planning team for 5 task orders under the DHS' Regional Catastrophic Planning Initiative Grant and Urban Area Security Initiative grant allocated to the City of Houston Office of Homeland Security
- Program manager for the City's flood resilience initiative in supporting the City's Flood Czar conducting damage analysis, mitigation project identification and identification of grant opportunities.

Multi-year Emergency Management & Disaster Recovery Services

Montgomery County, Texas

- Managed emergency responses to multiple major disasters including Hurricane Ike in 2008 (DR-1791) and two floods in 2016 (DR-4269 and DR-4272)
- Directed various task orders following disasters including project formulation, technical assistance on the PA grant program, conducting substantial damage estimation of 250 flooded properties, data collection for PA grant program and grant application for FEMA FMA grant program.
- Served as the client point of contact, prepared cost and technical task order proposals, assigned resources, reviewed deliverables, and tracked costs and schedules to ensure compliance with statements of work and approved budgets

Subject Matter Expert/Senior Management Oversight (October 2015-Ongoing)

Richland County, South Carolina | Public Assistance Consulting

Mr. Buri has been an integral part of Tetra Tech's Richland County disaster recovery team assisting the Project Manager and consultants with obtain data, policy interpretation and general grant consulting. Mr. Buri has focused his time assisting with navigating the on-going challenges associated with dam reconstruction, road damage restoration and long term recovery.

Program Manager (May 2015 – 2016)

Hays County, Texas | Full Services Disaster Grant Management Consulting and Debris Management | May 2015 (DR 4223) and October 2015 Floods (DR-4245)

Mr. Buri is currently leading the Tetra Tech team supporting Hays County following two (2) major disaster declarations in 2015 including the May Memorial Day Flood and October All-Saints Day Flood that . This includes providing technical assistance to County leadership regarding FEMA PA, HMGP and CDBG-DR grant programs.

Program Manager (July 2010-September 2012)

Port of Galveston, Texas | Hurricane Ike Federal Grant Administration

Mr. Buri provided senior management oversight in assisting the Port of Galveston on a number of reimbursement-related issues. With Mr. Buri's management and guidance, the Port of Galveston received more than \$40 million in additional federal funding associated with permanent repairs to several of the port's piers following damage from Hurricane Ike in 2008.

Subject Matter Expert/Senior Management Oversight (May 2015-Ongoing)

City of Houston, Texas | Disaster Debris Monitoring and Public Assistance Consulting

Following the May 2015 Memorial Day Flood in Houston, Mr. Buri worked closely with the City of Houston's Disaster Recovery team on debris and FEMA reimbursement related issues. Mr. Buri developed operational plans, press releases, USACE/FEMA coordination, and daily progress reports along with contractor and force account labor documentation for submission to FEMA.

Senior Management Oversight (February 2014-May 2014)

Counties of Barnwell; Colleton; Dorchester; Hampton; Sumter, South Carolina; City of Sumter, South Carolina; City of Augusta, Georgia | Winter Storm Pax Disaster Debris Program Management

Following the destructive effects of Winter Storm Pax in February 2014, our team was tasked with providing disaster debris program management to numerous communities in the States of South Carolina and Georgia. Mr.

Buri was instrumental in the immediate deployment of our team and is currently overseeing all disaster recovery operations, including leaner and hanger removal. In addition, Mr. Buri is currently working with each community to ensure that all eligible reimbursement is captured and documented.

Senior Management Oversight (March 2013-January 2014)

New Jersey Department of Environmental Protection – Liberty State Park | Hurricane Sandy FEMA PA Program Management

Hurricane Sandy's effect on the NJDEP's Liberty State Park was epic, covering the entire park in several feet of seawater and affected nearly all of the park's facilities and infrastructure, which included the Central Railroad of New Jersey Terminal Building. Mr. Buri managed a team of senior consultants that were immediately deployed to assist with the park's federal grant management. Mr. Buri oversaw all catalogued eligible damage, established relationships with FEMA and state officials, and oversaw the submission of project worksheets (PWs). Mr. Buri also was instrumental in working with NJDEP's engineers to develop comprehensive hazard mitigation proposals to protect the facilities against future similar storms, including a \$2 million hazard mitigation plan for the Terminal Building.

Senior Management Oversight (September 2012-December 2012)

City of New Orleans, Jefferson Parish, St. John the Baptist Parish, Louisiana | Hurricane Isaac Disaster Debris Program Management

Mr. Buri provided senior management oversight and operational and client support for the debris monitoring efforts following Hurricane Isaac to numerous communities in the State of Louisiana following Hurricane Isaac. During this effort, our team monitored the collection and disposal of over 670,000 cubic yards of debris.

Senior Management Oversight/Client Liaison (September 2011–August 2013)

Bastrop County, Texas | Wildfire Disaster Program Management

Mr. Buri provided senior management oversight to Bastrop County's disaster recovery operations following the most devastating wildfires in Texas history. With 1,700 structures destroyed, Mr. Buri was vital in obtaining expedited PWs, coordinating directly with FEMA to develop disaster-specific documentation protocols, and orchestrating interlocal coordination with county municipalities, electrical co-ops, and regulatory agencies.

Senior Management Oversight (August-December 2011)

State of North Carolina | Hurricane Irene Disaster Debris Program Management

Mr. Buri provided senior management oversight to the State of North Carolina following the impact of Hurricane Irene and was instrumental in all disaster recovery operations. Mr. Buri oversaw a variety of projects for all 16 of our North Carolina clients, including right-of-way debris removal and disposal, removal of dangerous hanging limbs and leaning trees, residential debris disposal, Federal Highway Administration (FHWA) debris segregation, and FEMA reimbursement.

Statewide Trainer (January–September 2011)

Texas Department of Transportation | FHWA-ER Training Manual and Workshop

Mr. Buri is the statewide trainer for the FHWA-ER workshops being held throughout the state of Texas. Mr. Buri developed the guidebook and coordinated with state officials and the FHWA-ER coordinator for the state to deliver over 20 workshops and provide training to over 500 individuals.

Regional Program Manager (September 2008–September 2010)

State of Texas – 78 Total Clients | Hurricane Ike Comprehensive Debris Management Operations and FEMA PA Administration and Management

Following Hurricane Ike, Mr. Buri served as regional program manager and provided senior management for approximately 78 clients in the state of Texas. Mr. Buri was instrumental in the immediate mobilization of our team and provided a full range of services and client support to each client. Mr. Buri also provided management and guidance to each client to ensure they received FEMA reimbursement.

Project Manager (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Mr. Buri served as a project manager to the City of Houston following Hurricane Ike, where Mr. Buri worked closely with the City of Houston Solid Waste and Finance Department to reconcile and provide detailed information of over \$110 million in invoices and over \$3 million in FHWA funds. In total, our team's response to the City of Houston included the collection of over 5.5 million cubic yards of debris in 256 zones throughout the City. This included 300 parks and open spaces and the removal of over 214,000 hazardous trees accompanied by 630,000 photographs to document eligibility.

Senior Management Oversight (September 2008–Ongoing)

Galveston County, Texas | FEMA HMGP, Severe Repetitive Loss (SRL), and CDBG Application, Administration, and Implementation

Following Hurricane Ike, Galveston County faced the daunting task of maintaining critical operations. Galveston County engaged our team to assist with its overall recovery process. This included consulting services for the FEMA PA program and evaluating the feasibility of submitting an application for the buyout of substantially damaged or destroyed structures and the elevation of less damaged structures under the FEMA HMGP. Within 48 hours, our team deployed a team of experts to Galveston County to manage all aspects of these processes. Beginning with public outreach and program setup, our staff began collecting applications from property owners and compiling an HMGP application for the buyout of up to 1,000 properties and the elevation of 12 others through a \$102 million HMGP grant, which our team secured, implemented, and is in the process of closing out. In addition, Galveston County also engaged our team to assist with its extensive PA process and to act as a standby PA consultant for future disasters. Finally, on behalf of Galveston County, our team applied for a FEMA SRL grant to elevate many more flood-prone homes throughout Galveston County. The resulting \$31 million SRL grant award will be used to elevate as many eligible homes as possible and is being implemented by our team to closeout.

Project Manager (September 2005–August 2006)

Jefferson County, Texas | Hurricane Rita Disaster Management

Served as project manager to mobilize and deploy a full emergency response team in Jefferson County, Texas to assist with staging operations, project staffing and scheduling, and contracting and negotiations with the County's two debris removal contractors: Crowder Gulf and DRC. Services included temporary debris storage and recovery sites (TDSRS) selection and management, monitoring services, data management and call center operations.

Project Manager (September 2004–October 2007)

Escambia County, Florida | Hurricane Ivan Comprehensive Disaster Program Management

Our team provided comprehensive disaster debris program management services to Escambia County following one of the worst disasters in the Florida panhandle (Hurricane Ivan). Mr. Buri managed the collection and processing of approximately 10 million cubic yards of vegetative and construction and demolition debris, including 1.5 million cubic yards of contaminated sand. Mr. Buri was also instrumental in assisting the County to obtain approval from FEMA to remove debris from private property (as a reimbursable expense).

Project Manager (July 2007–March 2008)

Escambia County, Florida | Escambia County Disaster Debris Management Plan

Mr. Buri assisted with the preparation of a disaster debris management plan for the County that identified responsibilities of key County staff and individuals from other participating jurisdictions. Pivotal to defining roles and responsibilities were two key workshops with all County and non-County stakeholders. Mr. Buri facilitated two half-day workshops, compiled the input and used the information for final plan development. The workshops were the basis for establishing a spirit of cooperation between, the County, participating municipalities, the Florida Department of Transportation, the Santa Rosa Island Authority and the Perdido Key Chamber of Commerce. The specific roles for each group in the event of a disaster were resolved and defined during the course of the meetings.



EXPERIENCE SUMMARY

Mr. Oliver Yao is part of the Senior Management Team and serves as a financial analyst for post disaster program. Mr. Yao has over 13 years of industry experience in the four phases of emergency management: preparedness, response, recovery, and mitigation. In addition, Mr. Yao has supported response efforts to some of the largest disasters to affect the United States, including Hurricanes Katrina and Ike. Due to his experience, Mr. Yao also has unique knowledge and understanding of federal grant programs and the documentation requirements. This knowledge and experience has aided Mr. Yao in developing and implementing standard operating procedures (SOP) for documentation and data management that assist our clients during closeout and audit.

This knowledge and experience has aided Mr. Yao in providing local governments across the country with debris management consulting services such as the development of disaster debris management plans (DDMPs), the procurement of debris removal contractors, and the evaluation of debris management sites (DMS).

RELEVANT EXPERIENCE

Senior Management and Data Oversight (October 2018–Present)
Florida | Hurricane Michael Program Management

Hurricane Michael impacted the Florida panhandle region as a Category 5 hurricane. Mr. Yao currently provides senior management and data oversight for multiple projects in Florida including the cities of Lynn Haven, Springfield, and Callaway. Recovery efforts include private property debris removal and structural demolitions.

Senior Management and Data Oversight (August 2017–April 2018)
City of Houston, Texas | Hurricane Harvey Program Management

The southwest region of Texas was substantially impacted by Hurricane Harvey and the torrential rainfall amounts the system brought to the region. The City of Houston activated the monitoring and program management services of Tetra Tech. Mr. Yao provided senior management and data oversight to the project. To date, over 1.2 million cubic yards of debris have been collected in the City as a result of Hurricane Harvey.

Senior Management and Data Oversight (May 2015–July 2015)
Hays County; Caldwell County; City of Houston, Texas | Severe Storms, Tornadoes, Straight-Line Winds, and Flooding Program Management

The jurisdictions of Hays County, Caldwell County, and the City of Houston were among the many Texas communities impacted by the torrential rainfall in May of 2015. Tetra Tech was activated by the aforementioned communities to provide program management and disaster debris monitoring services. Mr. Yao served as a senior management and data oversight manager for the Texas projects. He supported the projects by developing health and safety

YEARS OF EXPERIENCE

13

AREA OF EXPERTISE

- FEMA Reimbursement and Audit Support
- Disaster Debris Management
- Data Management
- FEMA-Compliant Disaster Planning
- RecoveryTrac™ ADMS
- Emergency Management Planning

GRANT EXPERIENCE

- FEMA PA

DISASTERS

- 4337 FL Hurricane Irma
- 4332 TX Hurricane Harvey
- 4283 FL Hurricane Matthew
- 4240 CA Valley Fire
- 4223 TX Flooding
- 4166 SC Winter Storm
- 4145 CO Flooding
- 4155 SD Winter Storm
- 4145 CO Flooding
- 4086 Hurricane Sandy
- 4080 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 1791 Hurricane Ike
- 1786 Hurricane Gustav
- 1780 Hurricane Dolly
- 1679 Tornadoes
- 1676 MO Winter Storms
- 1665 NY Snowstorm
- 1603 Hurricane Katrina

EDUCATION

Rollins College, Crummer School of Business
Master of Business Administration, 2006

Rollins College
Bachelor of Arts, Economics, 2003

plans and verifying the projects met the project operations, timeline, deliverable, and budget standards for Tetra Tech.

Senior Management and Data Oversight (February 2014–June 2014)

South Carolina | Winter Storm Pax Disaster Debris Program Management

The jurisdictions of Colleton County, SC; City of Sumter, SC; Sumter County, SC; Dorchester County, SC; and Barnwell County, SC were significantly impacted by Winter Storm Pax. Mr. Yao provided senior management and data oversight to the project managers assigned to the South Carolina projects. With Mr. Yao's support the projects met Tetra Tech standards for project operations, timelines, deliverables, and budgets.

Data Manager (April 2013–August 2013)

City of Sioux Falls, South Dakota | Severe Winter Storm Debris Program Management

Mr. Yao was responsible for supporting all data management activities, including the administration of ADMS technology to document debris and hazard removal efforts. During the course of recovery operations, our team documented the removal of approximately 87,000 cubic yards of debris and nearly 27,000 hanging limbs and leaning trees.

Senior Oversight (September 2011–August 2013)

Bastrop County, Texas | Wildfire Disaster Program Management

Following the wildfires in Bastrop County, Mr. Yao was responsible for supporting all data management activities associated with the debris collection effort. The project resulted in 750 private property debris removals, the removal of 49,000 burnt trees, and the removal of 15,000 burnt trees from the right-of-way.

Regional Data Manager (October 2012–December 2012)

State of Connecticut | Hurricane Sandy Disaster Debris Program Management

Following Hurricane Sandy, Mr. Yao served as the regional operations manager for the State of Connecticut. In this role, he oversaw data management and field operations for the statewide operation that cleared and collected debris from the right-of-way through the impacted region following the storm's path.

Data Manager (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Mr. Yao was responsible for supporting all data management activities associated with the debris collection effort following Hurricane Ike. He helped install a debris management database to track the huge numbers of trucks and debris loads brought to the City of Houston's temporary debris storage and recovery sites.

Data Manager (September 2008–October 2009)

Harris County, Texas | Hurricane Ike Disaster Debris Program Management

To assist Harris County with response and recovery efforts following Hurricane Ike, Mr. Yao managed contractor invoice reconciliation and data management activities related to PA-eligible work. He also provided Harris County with audit support during the Texas Division of Emergency Management audit.

EXPERIENCE SUMMARY

Mr. Jeffrey Dickerson has more than 30 years of experience in program management, with extensive experience in technical organizational management, training, and readiness exercises. He is a military veteran with skills in leadership, training, and personnel development. As the Technical Applications Manager, Mr. Dickerson is responsible for the planning, development, deployment of technical applications supporting emergency response operations for the firm.

Mr. Dickerson has extensive experience in process improvement and application of advanced technology to boost efficiency post-disaster field and data operations. He recently presented at the National Hurricane Conference on the use and application of technology to improve disaster response cost efficiency.

Mr. Dickerson has led the development and support of Tetra Tech's automated debris management system (ADMS), RecoveryTrac™. As one of only three systems validated by the USACE, it is the preferred provider by the USACE debris contractors, providing ADMS services to 6 of 8 USACE districts globally. RecoveryTrac's flexibility and GIS capabilities provide best-in-class reporting and analysis tools. Additionally, RecoveryTrac's web-based data feeds enable direct integration into client GIS and emergency management systems.

RELEVANT EXPERIENCE

GIS/ADMS Applications Manager (October 2017–July 2018) Sonoma, Napa, Lake and Mendocino Counties, CA | Wildfire Disaster Debris Private Property Debris Removal (PPDR) Program Management

As part of a FEMA-Army Corps of Engineers (ACE) contractor team, Mr. Dickerson supported the deployment and data management of the ACE compliant ADMS and GIS technologies to automate documentation of the private property hazard removal and fire debris removal mission. Mission assignment also included site assessment and environmental remediation sampling. To date, over 3,450 properties have been assessed, sampled and fire debris removed generating nearly 761,000 tons of debris. Advanced GIS mapping, document, and data analysis portals were used extensively to document FEMA, ACE, and California environmental requirements.

Lead Field Manager (November 2017– March 2018) U.S. Virgin Islands | Hurricane Maria

Following the destruction caused by Hurricane Maria, the U.S. Army Corps of Engineers (USACE) was tasked with the mission to remove and dispose of disaster debris. Tetra Tech was contracted by one of the USACE awarded contractors to provide ADMS management and documentation of debris removal activities. Mr. Dickerson served as Lead Field Manager and was responsible for the management and implementation of RecoveryTrac™ to

YEARS OF EXPERIENCE

30+

AREA OF EXPERTISE

- Mobile and GIS Technology
- Resource Deployment and Tracking
- Readiness Training and Exercises
- Disaster Operations Support
- 20+ Years Military Experience

TRAINING/CERTIFICATIONS

- FEMA IS-632, IS-700, IS-922
- MCDBA, Microsoft Certified Database Administrator
- MCSE, Microsoft Certified Network Engineer
- MCT, Microsoft Certified Trainer

DISASTERS

- 4340 Hurricane Maria
- 4240 CA Wildfires
- 4223 TX Flooding
- 4166 SC Winter Storm
- 4165 GA Winter Storm
- 4145 CO Flooding
- 4115 SD Winter Storm
- 4087 Hurricane Sandy
- 4084 Hurricane Isaac
- 4029 TX Wildfires
- 4024 Hurricane Irene
- 4106 CT Winter Storm
- 1791 Hurricane Ike
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina

EDUCATION

Thomas Edison University
Associate of Science, Nuclear Engineering Technology, 1997

document debris removal efforts.

Deputy Project Manager (May 2017–October 2017)

State of Louisiana, Restore Louisiana (ReLa) Program

Mr. Dickerson managed the HUD-mandated environmental reviews (Tier II Site Specific Reviews) in accordance with 24 CFR Part 58 and the current Restore Louisiana Program Environmental Review (Tier II) Procedures for over 10,000 flood damaged properties.

ADMS and Logistics Manager (May 2015–August 2015)

State of Texas | Severe Flooding Debris and Hazard Removal Program Management

Mr. Dickerson managed the logistics and deployment of staff equipment and supplies as well as ADMS technology to 10 county and local clients in a multi-jurisdiction activation, including over 135 handheld devices removing 325,000 cubic yards of flood and household debris. Advanced GIS web services and data information portals were used extensively in managing the hazardous material pickups, road pass clearance, and public information applications.

GIS/ADMS Application Manager (February 2014–June 2014)

States of Georgia and South Carolina | Winter Storm Pax Disaster Debris Program Management

Mr. Dickerson managed the logistics and deployment of ADMS technology to seven county and local clients in a multi-state activation, including over 265 handheld devices for over 110,000 hazardous limb and tree removals and over 1,000,000 cubic yards of debris. Advanced GIS web services and data analysis portals were used extensively in managing the projects and public information applications.

ADMS Application Manager (October 2013–December 2013)

City of Rapid City, South Dakota | Severe Winter Storm Disaster Debris Program Management

Mr. Dickerson managed the logistics and deployment of ADMS technology, including over 60 handheld devices for over 7,500 hazardous limb and tree removals and over 100,000 cubic yards of debris. The RecoveyTrac™ GIS portal was used extensively for real-time quality control of field operations and management of resources. Field operations were completed in less than 50 days, which enabled the City to take advantage of increase cost share funding.

Logistics and Network Operations Manager (October 2011–March 2012)

Connecticut Department of Transportation | Winter Storm Alfred Disaster Management Support Services

Following a severe winter storm, Mr. Dickerson managed the logistics and network infrastructure to support the project work for over 11 state, county, and local clients. His responsibilities included coordinating logistics activities and supporting and developing custom data and mapping applications.

Data Operations Manager (September 2008–September 2011)

City of Houston and Harris County, Texas | Hurricane Ike Debris Removal Monitoring

Following Hurricane Ike, Mr. Dickerson provided IT and logistics support to the City of Houston and Harris County. His responsibilities included IT site support, system setup, end-user training, equipment rentals, and supply distribution.

EXPERIENCE SUMMARY

Mr. McLendon has been providing consulting engineering services to federal, state, and local governments across the U.S. for more than 29 years. His background in solid and hazardous waste management has led him to become one of the leading experts in the country on the implementation of large-scale post-disaster debris removal programs. He has routinely assembled large teams to support major infrastructure and emergency response efforts. Career highlights include:

- Experienced Executive Program Manager with over 29 years of experience working with federal, state, and local government agencies on the finance, design, permitting, procurement, construction, and operations of major infrastructure projects.
- Served as Principal in Charge for upwards of 30 major disaster activations including projects totaling more than 100 million cubic yards of debris and upwards of \$2.5 billion in FEMA PA reimbursement.
- Major experience in the legal substantiation and implementation of complex debris removal programs including PPDR, waterways, beaches, selective salvage, etc.
- In depth knowledge of the FEMA Public Assistance program including a strong understanding of Federal Register 2 CFR Part 200 (“the Super Circular”)

RELEVANT EXPERIENCE

Hurricane Sally (2020)

City of Pensacola, FL and Okaloosa County, FL

The City of Pensacola and Okaloosa County, FL have been long-standing clients of Mr. McLendon. Following the impact of Hurricane Sally, Mr. McLendon provided senior advisory services to include explanations of the FEMA Category A program as well as procurement assistance. Chuck has also provided senior level oversight to ensure that our response crews are meeting client expectations.

Hurricane Florence (2018)

Boiling Spring Lakes, NC and Briarcliff Acres, SC

Following Hurricane Florence, Mr. McLendon provided disaster debris monitoring and FEMA grant management related services to the City of Boiling Spring Lakes, NC and the Town of Briarcliffe Acres, SC (through a contract with the Horry County Solid Waste Authority). Monitoring work including debris management site permitting, right of way collection, hazardous tree removal, and household hazardous waste collection.

Hurricane Irma (2017)

Numerous Central Florida Jurisdictions

Following Hurricane Irma in September of 2017, Mr. McLendon provided senior oversight of debris monitoring operations across seven counties –

YEARS OF EXPERIENCE

30

AREA OF EXPERTISE

- Solid and Hazardous Waste Management
- Disaster Debris Monitoring
- Solid Waste Routing and Efficiency
- Private Property Debris Removal
- Cost of Service Evaluations
- Emergency Management
- Damage Assessment
- Utility Engineering/Consulting
- Program Management
- Public Outreach/ Communications
- Procurement (2CFR)
- Environmental Permitting
- Grant Management

DISASTERS

- DR4564FL, Hurricane Sally
- DR-4559LA, Hurricane Laura
- DR-4393NC, Hurricane Florence
- DR 4337FL, Hurricane Irma
- DR-4283FL, Hurricane Matthew
- DR-4241SC, Severe Flooding
- DR-4138FL, Severe Flooding
- DR-1971AL, Tornado Outbreak
- DR-4024VA, Hurricane Irene
- DR-1791TX, Hurricane Ike
- DR-1786LA, Hurricane Gustav
- DR-1603LA, Hurricane Katrina
- BP Deepwater Horizon Oil Spill

EDUCATION

Bachelor of Science, Business Marketing, Florida State University, 1991

including Seminole, Lake, and Volusia counties in Central Florida. Chuck was responsible for assembling project management and support teams to include policy and field operations expertise. In total, he oversaw a team of over 1,000 personnel that accounted for nearly 6 million cubic yards of debris removal. This work included implementation and tracking of Private Property Debris Removal (PPDR) programs within each of the seven counties managed.

Severe Flooding (2017)

South Carolina Emergency Management Division

Mr. McLendon was retained by the SCEMD to serve as a Senior FEMA PA Policy Advisor in support of project worksheet formulation for the October 2015 flooding event that impacted much of central South Carolina. Mr. McLendon oversaw a team of Project Specialists in drafting and versioning project worksheets.

Hurricane Matthew (2016)

St. Johns and Flagler Counties, Florida

Mr. McLendon served as Principal in Charge for the debris monitoring mission in St. Johns County and Flagler County, Florida following Hurricane Matthew. Chuck oversaw the removal of more than 1.1 million cubic yards of debris from public and private roads as well as debris removal efforts along nearly 27 miles of county-maintained beach. In addition to providing daily oversight of the debris removal mission, Mr. McLendon was regularly relied upon by County staff for policy guidance related to the County's overall recovery effort.

Hurricane Irene (2010)

Virginia Department of Transportation

Mr. McLendon served as Principal in Charge for recovery efforts on behalf of the Hampton Roads District of the Virginia Department of Transportation following Hurricane Irene. Mr. McLendon provided senior advisory services and oversight of a team to provide FEMA PA / FHWA ER reimbursement services for the District.

Hurricane Ike (2008)

Galveston County and City of Galveston, TX

Mr. McLendon oversaw the debris removal effort for Galveston County and the City of Galveston, Texas following Hurricane Ike in 2008. Upwards of 10 million cubic yards of debris was removed County-wide under Chuck's direction. Debris removal programs included right of way, private property debris removal (PPDR), commercial debris removal, dead animal carcasses, hazardous waste, and white goods.

Hurricane Ivan (2004)

Escambia County, City of Pensacola, and FDOT District 3, Florida (2004)

Hurricane Ivan devastated northwest Florida. Mr. McLendon served as Principal in Charge for recovery efforts to Escambia County, the City of Pensacola, and Florida DOT District 3. Mr. McLendon assisted the County in putting together the legal substantiation for the County to receive approval for a major private property debris removal program including both vegetative debris and sand removal from residential structures on the beach. Upwards of 8 million cubic yards of debris was removed from County and City right of ways, private property, and county beaches.

EXPERIENCE SUMMARY

Mr. Mooneyham has been a capital projects manager in various sectors for more than 12 years. He has experience in a variety of disciplines including commercial construction, residential construction, local government infrastructure, federal government construction, and emergency management and disaster response. He has completed millions of dollars of infrastructure projects including housing, road and bridge, storm water, other large-scale capital projects. He has an in-depth understanding of FEMA guidelines and compliance having served as project manager following several disasters, including Hurricanes Zeta, Sally, Michael, and Irma, as well as flooding events.

RELEVANT EXPERIENCE

Regional Manager (December 2021 – Present)

Various Mississippi Clients | Hurricane Zeta

Mr. Mooneyham is currently serving as regional manager for the Cities of Gulfport, Diamondhead, Waveland, and Hancock County, Mississippi that were affected by Hurricane Zeta. Mr. Mooneyham rapidly mobilized to the area within hours of the event to assist in ramping up debris operations. He is responsible for program oversight, task order preparation, forecasting, and quality assurance. He also facilitates daily briefings for project stakeholders that includes progress mapping, reporting, and transparency into field staffing numbers.

Project Manager (September 2020 – November 2020)

City of Pensacola, Florida | Hurricane Sally

Mr. Mooneyham served as Project Manager for the City of Pensacola, Florida. Hurricane Sally resulted in high winds as well as catastrophic storm surge and flooding to the greater Pensacola area. Immediately following the event, Mr. Mooneyham was in communication with City officials and the City Sanitation and Parks department to formalize a plan for debris removal. To date, Tetra Tech has monitored the removal of over 574,000 cubic yards of debris.

Project Manager (August 2020 – September 2020)

City of Lake Charles, Louisiana | Hurricane Laura

Following Hurricane Laura, Mr. Mooneyham was activated as project manager for the City of Lake Charles. Mr. Mooneyham’s responsibilities included: training project staff, coordinate with debris haulers to schedule debris removal operations, establishing reporting protocols, and health and safety. To date, Tetra Tech monitored the removal of over 469,000 cubic yards of debris.

YEARS OF EXPERIENCE

12 years

AREA OF EXPERTISE

- Disaster Debris Management
- Right-of-Way Debris Removal
- Private Property Debris Removal
- Disposal Operations
- Quality Assurance Initiatives
- FEMA Compliance Monitoring
- Supervision of Field Operations
- Operational Scheduling and Dispatch
- Hazardous Tree Removal
- FEMA PA Category A documentation and eligibility requirements

DISASTERS

- 4576 Hurricane Zeta
- 4564 Hurricane Sally
- 4559 Hurricane Laura
- 4399 Hurricane Michael
- 4393 Hurricane Florence
- 4337 Hurricane Irma
- 1551 Hurricane Ivan
- BP Deepwater Horizon Oil Spill
- Escambia County Flooding Event, May 2014

EDUCATION

Pensacola State College
Associate of Arts, General Studies

Project Manager (October 2017 – May 2018)**City of Springfield, City of Parker, and City of Callaway, Florida | Hurricane Michael**

Following Hurricane Michael, Mr. Mooneyham was deployed as the project manager for the City of Springfield, City of Parker, and the City of Callaway. Mr. Mooneyham can manage all three projects through coordination with designated operations managers for each City. Mr. Mooneyham provides project oversight to verify quality control, project reporting, safety procedures, and best business practice debris monitoring protocols are being adhered to on each project.

Project Manager (September 2018 – October 2018)**City of New Bern, North Carolina | Hurricane Florence**

Following Hurricane Florence, Mr. Mooneyham was deployed as the project manager for the City of New Bern. Mr. Mooneyham's responsibilities included training project staff, coordinate with debris haulers to schedule debris removal operations, establishing reporting protocols, and health and safety. Mr. Mooneyham also supported the client in establishing a private road debris removal program.

Project Manager (October 2017 – May 2018)**Polk County and Highlands County, Florida | Hurricane Irma**

Following Hurricane Irma in September of 2017, Mr. Mooneyham provided project management services to both Highlands County and Polk County in Central Florida. He provided daily oversight of monitors and staff, offered guidance and expertise on FEMA guidelines, and acted as client relations contact for the County representatives. He was responsible for the daily operations, data management, documentation, QA/QC, and overall program efficiency, quality, and cost management.

Capital Project Manager (May 2014 to October 2014)**Escambia County, Florida | Severe Flooding**

Following a FEMA declared flooding event in 2014, Matt took a lead role for the Escambia County Public Works Dept. in coordinating damaging assessment, emergency repair, and permanent repair activities for the County. This work included over 700 sites of damaged infrastructure. Mr. Mooneyham acted as a direct liaison to FEMA and FDOT District 3 to coordinate repair efforts and maximize eligible FEMA and FHWA funds.

EXPERIENCE SUMMARY

Mr. Phil Ivey has overseen recovery operations in response to some of the country's largest debris-generating disasters, including Hurricanes Sandy, Irene, Ike, Katrina, Wilma, Dennis, and Ivan; the 2013 Boulder County, Colorado floods; the 2006 ice storms in Buffalo, New York; and the Groundhog Day tornadoes that swept through Central Florida in February 2007. He has worked in communities stretching from the Gulf Coast region to upstate New York providing disaster recovery operations to ensure compliance with all Federal Emergency Management Agency (FEMA) and other reimbursement agency regulations. He provides FEMA-related guidance during times of activation based on his extensive experience managing disaster recovery efforts. This includes debris collection and disposal and developing project worksheets to accurately record the data to ensure proper reimbursement, payment reconciliation, and guidance on adhering to local, state, and federal regulations and policies governing debris collection and disposal.

FEATURED RELEVANT EXPERIENCE

Operations Manager (February 2020 – April 2020)

City of Houston, Texas | Silt & Sand Removal

Mr. Ivey serves as operations manager for a large-scale dredging operation on Lake Houston in Houston, Texas. Mr. Ivey is responsible for the integrity of all documents including progress reports, silt and sand removal quantification, disposal confirmation and project accounting

Project Manager (March 2019-May 2019)

Lee County, Alabama | Tornado

Immediately following the devastating tornado that ripped through Lee County Alabama and claimed the lives of 24 residents on March 3rd 2019, Mr. Ivey was immediately mobilized to Lee County to hire and train local staff, identify and assist with operations at a County debris management sites and work with County officials to establish debris collection zone maps, collection protocols and reporting requirements. Mr. Ivey successfully staffed the project entirely with Lee County residents and remained as the project manager for the entirety of the project.

Regional Project Manager (October 2018- February 2019)

State of Georgia – United States Army Corps of Engineers (USACE)

Mr. Ivey served as a regional project manager for the USACE mission to remove debris that was a result of Hurricane Michael in the State of Georgia. He oversaw debris removal documentation requirements for the central region counties that were part of the USACE mission.

YEARS OF EXPERIENCE

14 Years

AREA OF EXPERTISE

- Disaster Debris Management
- Right-of-Way Debris Removal
- Disposal Operations
- Private Property Programs
- Hazardous Tree Removal
- FEMA PA Category A documentation and eligibility requirements

DISASTERS

- 4419 AL Tornado
- 4400 GA Hurricane Michael
- 4337 FL Hurricane Irma
- 4332 TX Hurricane Harvey
- 4297 Georgia Tornadoes
- 4283 FL Hurricane Matthew
- 4277 Louisiana Floods
- 4245 Texas severe storms
- 4155 SD Winter Storm
- 4145 Colorado Floods
- 4086 Hurricane Sandy
- 4084 Hurricane Isaac
- 4024 Hurricane Irene
- 1791 Hurricane Ike
- 1780 Hurricane Dolly
- 1735 OK Winter Storms
- 1679 FL Tornadoes
- 1609 Hurricane Wilma
- 1602 Hurricane Katrina
- 1595 Hurricane Dennis
- 1551 Hurricane Ivan

TRAINING/CERTIFICATIONS

- OSHA 510: 40-Hour Construction Safety
- OSHA 40-Hour HAZWOPER
- OSHA 7600 Disaster Site Worker
- OSHA 10-Hour Construction Safety
- NIMS IS-00700

Project Manager, (February 2017 – May 2017)**City of Houston, Texas | Hurricane Harvey**

Mr. Ivey currently serves as project manager for the parks department overseeing the removal of sand silt from the floods, due to Hurricane Harvey.

Regional Program Manager (September 2017 – January 2018)**Cities of West Palm Beach, Boca Raton and Jupiter, Florida | Hurricane Irma Debris Removal Program Management**

Following Hurricane Irma in the fall of 2017, Mr. Ivey served as regional program manager for the Cities of West Palm Beach, Boca Raton and Jupiter Florida. Mr. Ivey oversaw the deployment and training of over 200 monitors in the first 10 days of operations. Mr. Ivey closely coordinated the use of shared disposal facilities with City officials, County officials and multiple debris hauling contractors. In addition, Mr. Ivey worked closely with officials in all 3 Cities to apply for and subsequently receive approval for Private Property Debris Removal Programs.

Project Manager, (September 2017–February 2018)**Cape Coral, Florida | Hurricane Irma**

Hurricane Irma's strong winds downed trees and left debris throughout the City and caused major damage to the City's canal system and seawall. Mr. Ivey served as the project manager for the waterways disaster debris monitoring operations, where he oversaw the removal of approximately 164,000 cubic yards of debris from the City's canals.

Project Manager, (January 2017 – July 2017)**City of Albany, Georgia | Severe Storm, Tornadoes, and Straight-Line Winds**

Mr. Ivey served as the project manager for the City of Albany following severe storms, tornadoes, and straight-line winds. His responsibilities included project setup, health and safety, and training of field management staff.

Project Manager, (August 2016 – December 2016)**Ascension Parish, LA | Severe Storms and Flooding**

Mr. Ivey served as the project manager for the Ascension Parish following severe storms and flooding. His responsibilities included project setup, health and safety, and training of field management staff.

Project Manager (October 2016–May 2017)**Volusia County, FL | Hurricane Program Management**

Mr. Ivey was the Senior Project manager and oversaw all debris removal monitoring field operations following Hurricane Mathew in 2016. Having previously served as project manager in Volusia County following the Groundhog Day tornadoes in 2007, Mr. Ivey's working knowledge of the County eliminated the need for a learning curve and allowed Mr. Ivey to expeditiously implement Tetra Tech's monitoring protocols. Mr. Ivey's staff (over 210 Monitors at peak) managed the successful monitoring of over 2,000,000cyds of debris in 7 municipalities using 9 shared disposal locations. Mr. Ivey also worked closely with County and Federal officials to design and implement a Private Property Debris Removal (PPDR) program based on the unique needs of Volusia County.

Deputy Project Manager (March 2014–July 2014)**Boulder County, Colorado | Flooding Disaster Debris Program Management**

Mr. Ivey served as deputy project manager for Boulder County, Colorado, following the September 2013 flooding. As deputy project manager, he oversaw the recovery of nearly 10,000 tons of debris. Also unique to this project was the fact that Tetra Tech was contracted by the County to take over monitoring operations from another firm mid-project. Mr. Ivey also assisted in identifying eligible debris in the streams for reimbursement and administrating the program management for the County's demolition project, including filling out all paperwork.

Operations Manager (February 2013–January 2014)

New Jersey Department of Environmental Protection | Hurricane Sandy Waterways Debris Removal Program Management

Mr. Ivey served as operations manager for the New Jersey Department of Environmental Protection (NJDEP) following Hurricane Sandy, where he managed the NJDEP's vessel recovery operations throughout the state as well as water debris removal for the northern part of the state.

Project Manager (October 2013–December 2013)

City of Rapid City, South Dakota | Winter Storm Atlas Debris Program Management

Mr. Ivey served as project manager during our team's response to the City of Rapid City, South Dakota, following the severe winter storm that crippled the entire western half of the state for nearly two weeks. Mr. Ivey managed the monitoring of the removal of over 100,000 cubic yards of debris and the mitigation of hazards caused by 8,020 hanging limbs or leaning trees.

Operations Manager (November 2007–November 2013)

City of New Orleans, Louisiana | Hurricane Katrina Residential Demolition Program

Mr. Ivey's responsibilities included documenting legal authority to demolish properties, which included surveying each structure, securing the legal ownership of nearly 2,000 properties, advising the legal owners of the impending demolition, and documenting the entire process from survey to demolition.

The unique demolition project required the identification and tracking of items with archeological significance to the surrounding area. Mr. Ivey's eye for detail for all aspects of the fast-paced demolition project ensured maximum reimbursement from FEMA for the City of New Orleans.

Project Manager (August 2012–November 2012)

St. John the Baptist Parish, Louisiana | Hurricane Isaac Disaster Debris Program Management

Following Hurricane Isaac, Mr. Ivey served as the project manager and implemented our automated debris management system (ADMS) for the debris removal project. Mr. Ivey was responsible for oversight of household hazardous waste and supervised the private property debris removal program. This project resulted in the monitoring and removal of approximately 225,000 cubic yards of debris for the Parish.

Project Manager (August 2011–December 2011)

Henrico County, Virginia | Hurricane Irene Disaster Debris Program Management

Following Hurricane Irene, Mr. Ivey was responsible for supervising the debris and tower monitors, verifying truck certification, creating schedules for supervisors, and meeting with clients daily for updates on the progress of the debris management program.

Quality Assurance (June 2011–July 2011)

City of Tuscaloosa, Alabama | United States Army Corps of Engineers (USACE) Debris Removal Mission

In 2011, Alabama was impacted by an unprecedented amount of tornadoes during the incident period of April 15, 2011 to May 31, 2011. The historic number of tornadoes and resulting damage resulted in FEMA tasking the USACE with debris removal for 61 local governments within Alabama. Mr. Ivey served on the USACE mission as a Quality Assurance Roving Monitor assigned to the City of Tuscaloosa. His responsibilities included providing quality assurance by inspecting debris loading activities, monitoring site safety, and verifying ineligible debris was not collected.

Deputy Project Manager (September 2008–September 2011)

City of Houston, Texas | Hurricane Ike Disaster Debris Program Management

Mr. Ivey was instrumental in helping the firm to quickly establish debris removal protocols, assign and direct debris haulers to zones, and keep city residents informed of the progress of the debris effort. The debris removal

operation was a monumental effort involving approximately 1,000 personnel and the daily removal of 250,000 cubic yards of debris from the city.

Project Manager (April 2011–June 2011)

City of Raleigh, North Carolina | Tornado Disaster Program Management

Following the tornadoes in 2011, Mr. Ivey trained City of Raleigh staff members on debris removal, leaners and hangers, and truck certification. Mr. Ivey also tracked the work completed for FEMA eligibility and updated the client daily on training progress.

Project Manager (July–November 2008)

Hidalgo County, Texas | Hurricane Dolly Debris and Grant Management Services

Mr. Ivey oversaw all project-related activities for Hidalgo County and its 16 cities and maintained a high level of communication between the various county, city, and FEMA officials. Through those relationships and diligent oversight, Mr. Ivey was able to add the removal of hazardous trees, branches, and stumps from many of the Hidalgo County parks. Mr. Ivey was also able to help get most of the vegetative debris recycled rather than burned or taken to a local landfill.

Data Manager and Collection and Disposal Supervisor (September 2005–September 2008)

City of Pensacola, Florida | Hurricane Ivan Disaster Debris Program Management

Following Hurricane Ivan, Mr. Ivey oversaw disaster recovery efforts for the City of Pensacola, including the proper collection and disposal of over 1.3 million cubic yards of debris. He was responsible for the database management of load tickets, approval of debris contractor invoices, and assisting the City of Pensacola with preparing project worksheets for FEMA reimbursement.

Collection and Disposal Operations Manager (September 2004–October 2007)

Escambia County, Florida | Hurricane Ivan Comprehensive Disaster Program Management

Mr. Ivey was responsible for truck certification, hanger/leaner identification, tracking and monitoring debris removal, data entry, contractor invoice reconciliation, and appeals support. He was also responsible for training field debris monitoring crews.

Project Manager (February 2007–April 2007)

Volusia County, Florida | Groundhog Day Tornado Disaster Recovery and Storm Debris Removal

Mr. Ivey was responsible for overseeing the teams monitoring the collection and disposal of approximately 135,000 cubic yards of debris. Mr. Ivey also coordinated the data management process to ensure maximum reimbursement from FEMA.

Project Manager (March 2006–May 2006)

Collier County, Florida | Hurricane Wilma Disaster Debris Program Management

Mr. Ivey and other key members of the project team provided Collier County with daily progress reports, including maps showing beginning global positioning system (GPS) coordinates with pre-photos, daily progress, ending GPS coordinates, and post-event photos. The daily reports included documentation supporting daily debris removal quantities and documentation of the proper disposal of that debris. These reports were discussed at a weekly meeting with representatives from the Natural Resources Conservation Service (NRCS) and Collier County. Mr. Ivey also instructed team members on how to accurately measure work completed in order to ensure maximum reimbursement.



EXPERIENCE SUMMARY

Ms. Allison McLeary is an experienced emergency response and recovery executive with a demonstrated history of building meaningful relationships across all levels of government. As **former Recovery Bureau Chief of the Florida Division of Emergency Management**, she offers more than 3 years of direct experience administering grant programming throughout the State of Florida. She is a steadfast advisor in planning for, responding to, and recovering from challenges and disasters.

RELEVANT EXPERIENCE

Director, Disaster Recovery Programs (March 2021 – Present)
Tetra Tech, Inc.

Ms. McLeary serves as Director of Disaster Recovery Programs, providing policy guidance and program support. Ms. McLeary is an expert in FEMA policies, building and maintaining relationships with FEMA representatives. She analyzes policy and provides policy guidance to clients. She supports the Tetra Tech team to build programs that align with federal expectations and comply with client/federal requirements. She maximizes operational efficiencies by analyzing individual projects with a holistic lens, leveraging best practices from Tetra Tech debris management operations throughout the Nation. Additionally, Ms. McLeary coordinates relationships with funding agencies and local partners to streamline project operations.

Recovery Bureau Chief (March 2020 – February 2021)
Compliance and Appeals Officer (December 2018-February 2020)
Florida Division of Emergency Management

- Administered all FEMA Stafford Act programs for the State of Florida (\$9.8+ Billion over 26 federally declared events under management)
- Validated and Paid through FDEM an unprecedented \$4.1 Billion in Recovery funds in the period January 2019-February 2021, including \$2.7 Billion in PA and over \$300 Million in USDA Agriculture Recovery Block Grants
- Developed and implemented the State strategy for \$1.275 Billion in CARES-Coronavirus Relief Fund payments to 55 medium and small counties. (\$1.07 Billion validated and paid June 2020-February 2021)
- Served as Alternate Governor’s Authorized Representative and Deputy State Coordinating Officer for all FEMA declared events in Florida
- Created a comprehensive FEMA PA Compliance program, including risk assessments, monitoring, and technical assistance and programmatic guidance tailored to address specific compliance risks

Recovery Legal Counsel (January 2017 – November 2018)
Louisiana Governor’s Office of Homeland Security and Emergency Preparedness

- Served as Recovery counsel- advising on all matters of emergency management and whole community Recovery

YEARS OF EXPERIENCE

18 years

AREA OF EXPERTISE

- Disaster Response & Recovery
- Grant Administration
- Stafford Act Compliance
- Alternative Procedures

GRANT EXPERIENCE

- FEMA Public Assistance
- CARES Act
- USDA Agriculture Recovery Block Grants
- HUD CDBG

EDUCATION

Auburn University, Bachelor of Arts, March 2000

Louisiana State University- Paul M. Hebert Law Center, Juris Doctorate, May 2004

Louisiana State University- Paul M. Hebert Law Center, Bachelor of Civil Law, May 2004

- Programs included FEMA/Stafford Act programs and HUD-Community Development Block Grants (CDBG-DR)
- Audit liaison to US Department of Homeland Security- Office of Inspector General and FEMA
- Developed and delivered a comprehensive outreach and education technical assistance strategy to grant subrecipients in Louisiana

FirstNet Program Manager (February 2015 – January 2017)

Louisiana Division of Administration, Office of Technology Services

- Oversaw a team effort to identify needs, preform gap analyses, and plan for the buildout of the State's portion of the Nationwide Broadband network, known as FirstNet.
- Identified the needs and expectations of the State's 62,000+ first responders and worked with the US Department of Commerce and the FirstNet Authority to include those inputs in the \$7 Billion RFP for the buildout and operation of the FirstNet network.

State Police Legal Counsel (August 2003 – May 2013)

Louisiana Department of Public Safety and Corrections, Louisiana State Police, Office of Legal Affairs

- Counsel to State Police on matters of policy, operations, public records law, personnel management, emergency management/crisis response, and investigations
- Advised the State Police through the buildout of the LWIN Statewide radio network, currently with over 99,000 users and statewide coverage, including tower and backhaul buildout
- Served as legislative liaison and helped draft numerous bills and testified in committee on several measures including revisions to the electronic surveillance framework and the regulation of private security.
- Represented the Louisiana Oil Spill Coordinator's Office and was assigned Attorney Supervisor throughout the response to the Deepwater Horizon event
 - Led a multi-agency team of in house, state agency lawyers in the early days of the disaster
 - Coordinated efforts among state agency counsel to ensure that necessary inputs needed for the response, damage assessment and claims under the Oil Pollution Act of 1990, Clean Water Act and other applicable federal and state laws were supported.

EXPERIENCE SUMMARY

Mr. Greene is a field operations manager who is experienced in all aspects of debris monitoring and required documentation to satisfy the requirements of multiple funding sources. Mr. Greene is responsible for the implementation of Tetra Tech's work plans, dispatching field personnel, staffing, safety, field logistics, and training. Mr. Greene will verify eligibility and compliance; oversee collection and disposal operations; and coordinate directly with debris contractors, data managers, and project managers.

RELEVANT EXPERIENCE

Project Manager – (September 2020 - Present)

Cities of DeQuincy and Vinton, LA | Hurricane Laura

Making landfall as a Category 4 storm, Hurricane Laura had a devastating impact throughout the State of Louisiana. Mr. Green serves as project manager for the cities of DeQuincy and Vinton. Some of Mr. Green's responsibilities have included establishing a staffing structure, hiring and training local field monitors, logistics, field oversight, and daily reporting. To date, Tetra Tech has monitored the removal over 150,000 cubic yards of debris across the two cities.

Project Manager – (July 2020)

Colleton County, SC | Easter Tornado

On the Monday after Easter a chain of severe storms swept across South Carolina, damaging over 1,500 homes. Colleton County activated Tetra Tech, under a pre-positioned contract to provide disaster debris monitoring services. Mr. Green coordinated with City officials and debris removal contractors throughout operations. He was also responsible for staffing, project oversight, logistics and reporting.

Project Manager – (November 2019- December 2020)

City of New Bern, NC | Hurricane Dorian

Following the exhaustive efforts of the City of New Bern, North Carolina's (City) force account team to clear roadways and public use areas of debris generated by Hurricane Dorian, Tetra Tech was engaged to oversee, monitor and reconcile the final reduction and disposal of debris. Mr. Greene is currently leading our team's efforts that include daily project scheduling, tracking debris to final disposal, and documenting site remediation

Project Manager – (October 2019- November 2019)

Colleton County, SC | Hurricane Dorian

Mr. Greene managed Tetra Tech's engagement with Colleton County, SC following Hurricane Dorian. Mr. Greene was responsible for Staff training and scheduling, logistics, field oversight and daily reporting.

YEARS OF EXPERIENCE

4 years

AREA OF EXPERTISE

- Disaster Debris Program Management
- Right-of-Way/Right-of-Entry Debris Removal
- Private Property Programs
- Leaner/Hanger Programs
- FEMA Reimbursement

GRANT EXPERIENCE

- FEMA PA
- NRCS

DISASTERS

- Hurricane Laura
- Easter Tornadoes
- Hurricane Dorian
- Hurricane Irma
- California Wildfires
- Hurricane Matthew

TRAINING/CERTIFICATIONS

- HAZWOPR 40-hour

EDUCATION

Technical College of the Low County, *Degree in Progress*

Project Manager – (September 2019- October 2019)**Town of Summerville, SC | Hurricane Dorian**

Following Hurricane Dorian in September of 2019, Tetra Tech was tasked with oversight and documentation of the Town of Summerville's force account debris removal operation. Mr. Greene worked closely with Town officials to coordinate debris removal and disposal activities by Town staff. Mr. Greene was also responsible for providing daily progress reports and cumulative quantities of debris removal.

Branch Director – (January 2019-September 2019)**Camp Fire, CA – CalRecycle**

Mr. Greene served as Branch Director during Tetra Tech's engagement with Cal Recycle following the most destructive wildfire in California State History. As a Branch Director, Mr. Greene's was responsible for the day-to-day coordination of approximately 40 field staff. Mr. Quade was also responsible for managing conflict resolution in the field, coordination with property owners, and ensuring the that the projects' Debris Removal Operations Plan (DROP) was adhered to.

Division Supervisor – (September 2018 – January 2019)**Carr Fire, CA – CalRecycle**

Mr. Greene was served and a Division Supervisor following the Carr Fire that destroyed more than 1600 structures over 229,000 acres Northern California in July and August of 2018. Mr. Greene's responsibility included oversight of field staff, ensuring that Tetra Tech's Health and Safety Plan we executed and followed, ensuring the integrity of field documentation an upward daily reporting of field activities in his assigned area and with his assigned direct reports.

Operations Manager (June 2018 – August 2018)**Danbury, New Fairfield, Southbury, Brookfield, Connecticut | Severe Storms, Tornadoes, and Straight-Line Winds**

In late May of 2018, Southwest Connecticut experienced one on of the most severe tornado outbreaks in State History. Tetra Tech was activated by multiple Cities and Town to oversee and document the removal of debris generated by this unprecedented event. Mr. Greene served as field Operations manager for 4 affected communities. Mr. Greene was responsible for Staff training and scheduling, truck certifications and coordinating field operations with debris removal contractors. In total, Tetra Tech documented the removal and disposal of nearly 200,000 cubic yards of FEMA eligible debris.

Operations Manager (November 2017 – June 2018)**USACE (Napa & Mendocino Counties, California) | Wildfire Disaster**

Mr. Greene serves as Operations Manager associated with the remediation of over 500 properties that were damaged or destroyed during the Northern California wildfire of 2017. Mr. Greene is responsible for scheduling of staff, ensuring that all Tetra Tech and USACE safety protocols were strictly followed, oversaw daily reporting and quality control of all field documentation.

Operations Manager (October 2017)**Collier County, Florida | Hurricane Irma**

During recovery operations for Collier County, Florida following Hurricane Irma, Mr. Greene was brought in to oversee the initiation specialized debris removal programs, including right-of-way debris removal; processing, site management and haul-out; private road and gated community debris removal; and leaner, hanger and stump removal, and waterway debris removal. Mr. Greene's experience and knowledge of specialized programs was essential in training new staff, establishing debris removal protocols in conjunction with the County's debris removal hauler and ensuring Tetra Tech's reporting mechanism meet the County's needs.

Operations Manager (September 2017)**Broward County, Florida | Hurricane Irma**

Less than a year after being impacted by Hurricane Matthew, Brevard County was again hit by Hurricane Irma. Mr. Greene was part of Tetra Tech's immediate response team. Mr. Greene's responsibilities included on-boarding and training new staff, working with disposal site monitors to ensure efficient disposal operations and overseeing truck certification activities. Tetra Tech monitored the collection of over 17,000 loads constituting nearly 654,000 cubic yards of debris. At peak operations, Mr. Greene oversaw the day-to-day management of 55 monitors working in the field.

Operations Manager (February 2017 – May 2017)**Beaufort County, South Carolina | Hurricane Matthew Waterway Debris**

Prior to Hurricane Matthews impact on the County in October of 2016, the Tetra Tech team worked with County staff to devise a project specific mobilization plan. Throughout the storm's impact, our team was in regular contact with County staff throughout the storm's impact and was in the County's operation center 12 hours after Storm conditions had surpassed. Mr. Greene assisted the County in their waterway debris removal program. Mr. Greene's responsibilities included training staff, coordinating daily operations with the County's debris hauler, following Tetra Tech's health and safety protocols, and providing daily reports to Tetra Tech Senior management

Field Supervisor (October 2016 – February 2017)**Hilton Head Island, South Carolina | Hurricane Matthew**

Within hours of Hurricane Matthew making landfall, our team was in the Town of Hilton Head Island to assess the damage and meet with Town officials. Mr. Greene assisted in the mobilization of a local team of debris monitors. Trained monitors for the Town's arduous leaner and hanger removal program, and established our automated debris management system (ADMS) for the town to provide real-time updates on the debris removal operations. In total, our team monitored the removal of 2,187,080 cubic yards of debris.

EXPERIENCE SUMMARY

Ms. Jaramillo is an experienced operations manager and task force leader who is knowledgeable in all aspects of debris monitoring and required documentation to satisfy the requirements of multiple funding sources. Ms. Jaramillo is responsible for the implementation of Tetra Tech's work plans, dispatching field personnel, staffing, safety, field logistics, and training. Ms. Jaramillo will verify eligibility and compliance; oversee collection and disposal operations; and coordinate directly with debris contractors, data managers, and project managers. She has supported projects in Iowa, California, Florida, and South Carolina following hurricanes and wildfires.

RELEVANT EXPERIENCE

Branch Director (2021-Present)

CalRecycle | Northern Branch Fire

Ms. Jaramillo serves as branch director for CalRecycle's Northern Branch Fire project. She provides project oversight, ensures health & safety, and dispatches field personnel.

Operations Manager (2020 – 2021)

Linn County, Iowa | 2020 Derecho

In August of 2020, the Midwestern United States was impacted by a derecho, which is a dangerous straight-line wind event, which caused a large amount of rainfall, hail, and an outbreak of tornadoes. The severe winds equivalent to that of a Category 4 hurricane, and severely damaged several areas in the State of Iowa. Ms. Jaramillo was deployed as an Operations Manager where she is responsible for truck certifications, disposal tower operations, and oversight of field operations. To date, Tetra Tech has monitored and documented over 575,402 cubic yards (CYs) of debris. The derecho also damaged and/or killed thousands of trees within the County, and as a result, required extensive hazardous tree removal. To date, our team has monitored the removal of over 1,590 hazardous trees, and 4,396 hanging limbs from damaged trees.

Task Force Leader (2019-2020)

CalRecycle | FEMA DR 4382 – Carr Fire

- Private Property Debris Removal Program (PPDR)
- Over 1,300 properties participating in PPDR
- Field monitoring and documentation of debris removal quantities and material types

Task Force Leader (2019)

Sonoma County, California | FEMA DR 4344 - Wildfire Disaster (Phase II)

- United States Army Corps of Engineers (USACE) mission
- Private Property Debris Removal Program (PPDR)

YEARS OF EXPERIENCE

5 years

AREA OF EXPERTISE

- Bilingual – English/Spanish
- Private Property Debris Removal
- Field Operations and Logistics
- Monitor Training
- QA/QC
- Scheduling and Dispatch
- Truck Certification
- Automated Debris Management Systems (ADMS)

DISASTERS

- CA Wildfire'
- Iowa Derecho
- 4382 CA Carr Fire
- 4344 CA Wildfires
- 4332 TX Hurricane Harvey
- 4283 FL Hurricane Matthew

EDUCATION

BS, Science and Wildlife Management

Unity College 2016

- Over 200 properties participating in PPDR
- Field supervision and quality assurance/quality control (QA/QC)

Operations Manager (2017-2018)

City of Corpus Christi, Texas | FEMA DR 4332 - Hurricane Harvey

- Responsible for truck certifications, disposal tower operations, and oversight of field operations
- Responsible for the documentation of nearly 10,000 loads of eligible debris totaling over half a million cubic yards

Field Supervisor (2017)

Brevard County, Florida | FEMA DR 4283 - Hurricane Matthew

- Oversight and QA/QC of field monitors
- Responsible for the documentation of over 800,000 cubic yards of debris

Field Supervisor (October 2016 – June 2017)

Town of Hilton Head Island, South Carolina | Hurricane Matthew

- Oversight and QA/QC of field monitors
- Responsible for the documentation of over 2.1 million cubic yards of debris

Section 4. Conflicts

In the normal course of business, Tetra Tech, Inc. is subject to certain claims and lawsuits typically filed against the engineering and consulting professions, including workers' compensation, personal injury and other similar lawsuits. Tetra Tech maintains insurance coverage for its business and operations, subject to certain deductibles and policy limits against such claims. As described in Tetra Tech's most recent quarterly and annual reports filed with the U.S. Securities and Exchange Commission, Tetra Tech believes that the resolution of any such claims will not have a material effect on its financial position or results of operations. Tetra Tech is not currently a party to, and has not been a party to, any claim, controversy, legal dispute litigation, or other related legal matter where the basis of the claim involves the same or similar services as those referenced in this Request for Proposal. In addition, Tetra Tech is not barred from performing any FEMA related work.

As such, Tetra Tech certifies that Tetra Tech has:

- no current claims, arbitrations, administrative hearings, mediations and lawsuits related to disaster debris removal management and monitoring services; and
- no pending lawsuits related to disaster debris removal management and monitoring services; and
- no judgements from lawsuits related to disaster debris removal management and monitoring services within the last seven (7) years.

Additionally, we certify that Tetra Tech, nor any employee thereof, has any conflict of interest, either direct or indirect, in connection with the services sought herein pursuant to Federal or state law.

Section 5. Technical Approach

Project Understanding

Santa Rosa, Florida (County) is located in the Florida Panhandle along the Gulf Coast, with a population of approximately 185,000. The County is known for its diverse economy including tourism, military operations, and agriculture.

The southern portion of Santa Rosa County includes the Gulf Breeze, Midway, Navarre, and Navarre Beach communities. Navarre Beach – which is part of the unincorporated County attracts millions of visitors each year. In addition to traditional disaster debris streams, this area is known for generating large quantities of pressure treated (PT) wood given the significant dock structures along the coastal areas of the County. There is also the potential need for beach screening/renourishment should a catastrophic event result in structural debris being pulled onto the beach areas and/or significant coastal erosion.

The central portion of the County is rapidly developing and includes the Milton and Pace areas. The economies of the Milton and Pace areas are driven by military operations (NAS Whiting Field) and neighborhoods for residents that serve Pensacola based businesses. This area also includes extensive agriculture.

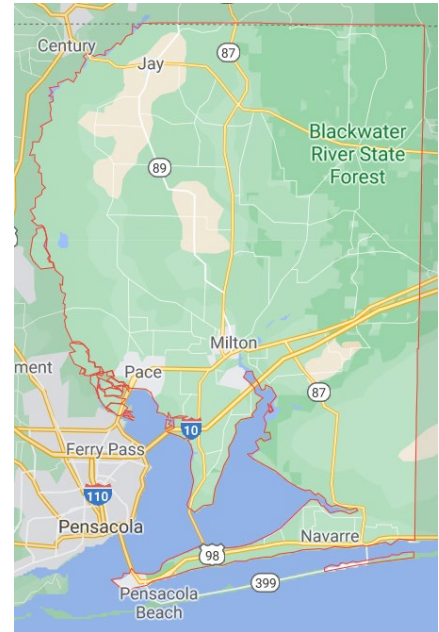
Like most Florida counties, Santa Rosa County is highly susceptible to tropical weather impacts from multiple directions. Last year, Santa Rosa County was impacted by Hurricane Sally, resulting in a large debris stream. The County has also managed hurricane debris removal efforts following Hurricanes Ivan (2004) and Dennis (2005) as well as several other disaster events (like the 2014 Flood) in the distant past. Perhaps even more challenging, the County has recently been forced to respond to smaller events such as localized wildfires and tornado events.

Tetra Tech implements a best practices approach to disaster debris monitoring when we plan for and respond to debris-generating events. Our team has gained unparalleled experience working on many of the largest Federal Emergency Management Agency (FEMA) Public Assistance (PA) eligible projects, including responses to Hurricanes Katrina, Wilma, Ike, and Sandy. Our team has assisted more local governments with debris monitoring efforts following catastrophic natural disasters than any other firm in the nation.

In addition, our understanding of the Florida Division of Emergency Management, Florida Department of Transportation, FEMA, Federal Highway Administration (FHWA), U.S. Department of Housing and Urban Development (HUD), Natural Resources Conservation Service (NRCS), and the requirements of other reimbursement agencies for eligibility, documentation, and reimbursement will help the County to receive the maximum reimbursement allowed following a disaster event.

Tetra Tech has carefully reviewed the scope of work set forth in the request for proposal (RFP) and can assure the County that we have the extensive experience, understanding, and knowledge of the County to successfully perform all aspects of the scope of work. We are aware of the magnitude and importance of organizing and directing the necessary resources to define and carry out the tasks associated with the scope of work, and we are committed to continuing to provide a consistent and coordinated team to perform these services upon activation. Our project team will dedicate themselves to the County's needs throughout the year, and not just during times of activation.

The project approach and work plan provided below will provide the County with a clear description of our approach to the County's proposed project. To summarize, our technical approach below captures our unique capabilities, including the following:



- Our team’s ability to provide end-to-end services in disaster preparedness, emergency management, and post-event response and recovery to help state and local governments plan for and recover from natural and human-caused disasters
- A complete project management team that is recognized for its ability to quickly respond to a broad range of emergencies, allowing our clients to return to the business of running their day-to-day operations
- A focus on local hires and the ability to hire, train, and support a local team of inspectors that oversee the work being completed in their own communities, with local hires being fully supported with technology and a team of dedicated managers
- Detailed reporting systems and mapping capabilities that are driven by our RecoveryTrac™ automated debris management system (ADMS) technology, which will be tailored to the County’s data needs, and will provide full transparency into debris removal operations

Compliance

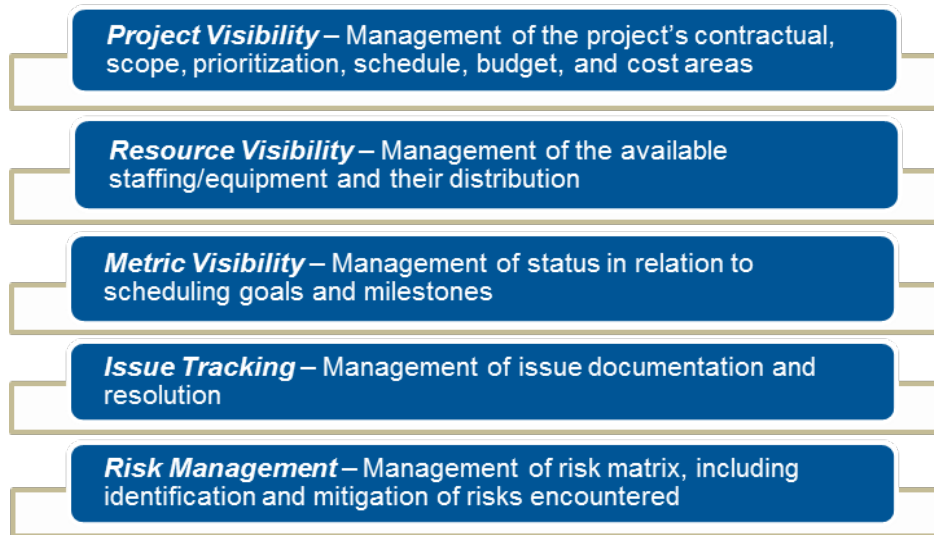
In compliance with page 33, paragraph V. Technical Approach, the following requirements are addressed throughout our proposal:

Requirement Per Page 33	Proposal Compliance
<i>All travel expenses must be incorporated into the hourly rates charged for services. No additional travel or per diem will be paid.</i>	See Section 6: Fee Schedule
<i>The Contractor must indicate the time it will take upon receiving a Notice to Proceed; to fully staff the project.</i>	See page 5-6 of this section
<i>The respondent shall provide references for three debris projects of 500,000 cubic yards or more performed over the past seven years. Include the client name, debris quantity, brief summary of work, along with name, address, and phone number of a responsible contact person.</i>	See Section 2: Experience and the County’s reference form
<i>Provide the name and business residence of the proposed a. Closest office; b. Principle in charge; c. Local on Site Project Manager; d. Data Collection Manager; e. FEMA Compliance & Cost Reimbursement Manager/Expert; f. I.T. and/or GIS Manager</i>	See Section 3: Personnel
<i>Capacity to perform services timely for the Owner is critical and could be impacted by other obligations firms may have in the general area. Provide a listing of all active or pre-event debris contracts with cities, counties, or other entities. Provide current obligations of Respondent, including time schedules and staff committed.</i>	See page 5-21 of this section

Project Management Methodology

Our methodology of project management governs both the planning and execution of all project work. The strategy, structure, and staffing requirements for the project organization are based on client expectations and the desired outcome. Tetra Tech’s project management methodology enables our team to achieve success despite the unpredictable nature of disasters. Our methodology addresses the project management areas shown in the exhibit below.

Exhibit 5-1: Project Management Areas



These management areas are administered using the established project management procedures and protocols we have developed and refined over the years and numerous disaster activations. Our interactions with our clients are based on best practices that balance the need for direction of operational priority, issue resolution, and relevant information with considerations for the time availability of the client.

Procedures and Protocols

Each phase of Tetra Tech project management has documented procedures that govern the execution to provide *scalable, consistent, high-quality results*. We use a systematic approach with frequent in-process quality checks to execute our project processes. Our general project approach includes tasks in each of the following phases:

- **Initiation (Pre-Event)**
 - **Annual coordination** – Conduct annual trainings and meetings to plan and test execution protocols and identify potential risks/mitigation opportunities.
 - **Contract review** – Review contracts for understanding of contractual requirements and possible cost savings.
 - **Communication systems checks** – Verify that communication systems function as designed and reporting needs are understood.
- **Mobilization (Immediately Prior to and Following Event)**
 - **Scope, tasking, and budget** – Determine services required, performance metrics, schedule, and budget constraints.
 - **Deployment and resource requirements** – Develop work plan and safety plans. Update risk matrix for work plan specifics.
 - **Staging of equipment and resources** – Coordinate movement of required support equipment/supplies and setup of communication and information systems.
- **Execution (Post-Event)**
 - **On-boarding and training staff** – Conduct suitability for work checks and provide targeted training program based on work and safety plans.
 - **Monitoring** – Supervise field operations, quality assurance/quality control (QA/QC) in-process checks, prioritization of resource management, and project reporting.
 - **Communication** – Conduct status meetings and communicate project metrics and other pertinent information.
 - **Issue tracking/resolution** – Conduct issue identification, staff communication, and resolution tracking.
- **Closeout (Post-Event)**

- **Documentation deliverable** – Produce and deliver required documentation to support auditing.
- **Demobilization** – Manage reduction in staff, post-use maintenance, and movement of equipment and supplies.
- **Audit support** – Provide continued availability of information systems to support closeout information requests.

Client Interaction

Coordinated project communications coupled with accurate information enables effective decision-making. Our implementation of this provides our clients with the benefits:

Common Operating Picture

- Tetra Tech’s real-time data sharing information portal allows the client, the debris removal contractors, and the monitoring firm to access the same accurate information, which markedly improves their ability to execute efficiently. The result is a much more efficient completion of project objectives.

Interoperability

- The information portability across disparate systems is the true power of Tetra Tech’s client interaction and communication system. It allows integration with existing systems to provide better understanding and coordination among organizations.

Reliability, Scalability, and Portability

- Documented procedures and protocols enable scalability without loss in fidelity and quality of work product. When in-process quality controls and team cross-training are added, the ability to tolerate faults without affecting outcome is substantially increased.

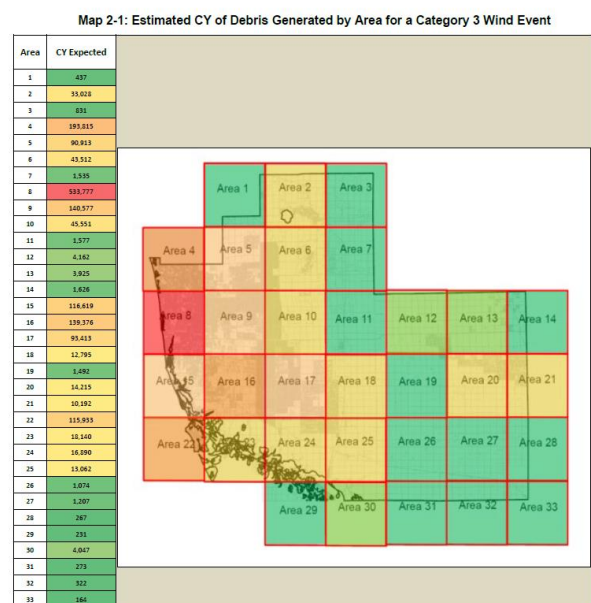
Resiliency and Redundancy

- Experience operating in disasters enables Tetra Tech to design systems and processes to be able to withstand loss of infrastructure and key personnel yet maintain client expectations for information. This is accomplished not only in technology design but in effective procedural protocols and our risk mitigation component.

Tetra Tech’s project managers use methods specifically aimed at increasing the success of the team by engaging in **collaborative problem solving and issue resolution**. By approaching others with professional mutual respect, our project managers form relationships that allow close coordination between the client and other contractors, ultimately improving communication, coordination, and efficiency of the project.

Methodology for Scheduling and Routing Debris Removal

Tetra Tech’s approach to scheduling and routing debris removal activities is based on the analysis of multiple data points to maximize efficiency. The first step is to use the County’s existing debris management zones (or develop zones if necessary) to divide the County into subsets. Next, the amount of debris is estimated within each debris zone. Geospatial analysis is performed to estimate the travel time from each zone to a County approved debris management site. This analysis allows Tetra Tech to develop an estimated number of trips a hauling unit can make from each zone within a workday. Finally, using the estimated volume of debris per zone and estimated trips per truck, Tetra Tech can apply the County’s schedule for completion to arrive at the number of hauling units required for each zone. Our field monitors verify increases or decreases to the number of hauling units required for each zone based on the volume of additional debris brought to the curbside for collection by County residents. Tetra Tech can also apply efficiency routes from our ADMS software to further assist in the scheduling and routing of debris removal.

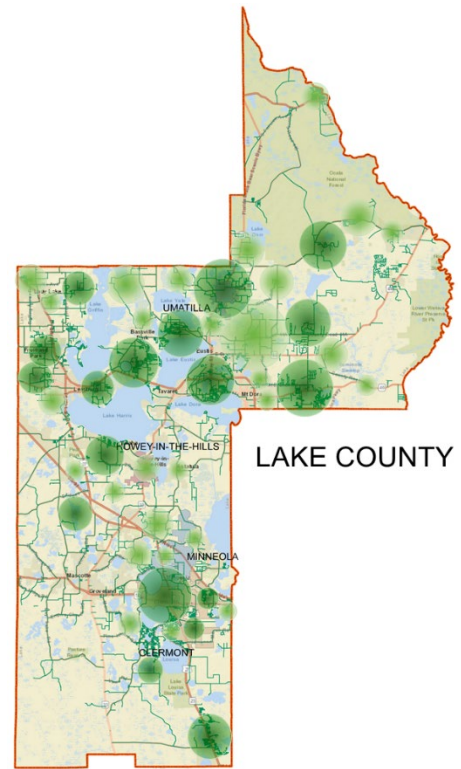


Sample Debris Estimate Map

Public Information

Following a disaster event, citizens will look to the County for direction regarding the debris removal process and project progress. Tetra Tech is prepared to assist the County with developing a means for the County to manage inquiries from residents regarding the debris removal process. Tetra Tech has staffed debris hotlines for some of the largest disasters that have impacted the United States and is prepared to help the County establish and staff a debris hotline (including supplying equipment, phone lines, etc.) to respond to public inquiries and concerns.

Public information for debris operations should focus on two components: safety for handling debris and proper set-out procedures. Many hurricane-related injuries and deaths occur after the incident because citizens do not safely address disaster damage and debris. Some of these deaths and injuries could be avoided if residents were provided timely information on how to safely address disaster-related damage to their homes. Public information for residents should include safety precautions for assessing their damaged homes and operating dangerous equipment to remove debris. In addition to safety instructions, proper set-out procedures are critical to ensure that the County can maximize recycling opportunities, reduce impacts to landfill capacity, and maintain efficient debris removal operations. Public information should include instructions for residents to properly separate their debris streams such as HHW, electric waste, construction and demolition debris, vegetative debris, and white goods. Public information should provide residents with specific instructions for separating and bundling their debris and include any information for citizen drop-off locations.



Lake County Debris Pickup “Heat Map”

Public messages must meet the needs of the community to ensure all populations receive and understand critical information in a culturally appropriate and effective manner. Tetra Tech will coordinate with the County’s public information officer to ensure the correct information regarding debris operations is provided to the public in a format that is accessible to the County’s diverse population, in a language all can understand. **Additionally, our team is committed to keeping the public informed on the progress of the debris removal process, in order to manage expectations of the residents.**

Recent Public Information Flyer

Separating Your Debris
Debris should be placed curbside, without blocking the roadway or storm drains.

NO PICKUP ZONE
Any debris placed from the sidewalk toward your property will not be picked up.

DEBRIS SEPARATION
Separate debris into the six categories shown below.
DO NOT STACK OR LEAN
Placing debris near or on trees, poles, or other structures makes removal difficult. This includes fire hydrants and meters.
UNSURE WHERE TO PLACE DEBRIS?
If you don't have a sidewalk, ditch, or utility line in front of your house, place debris at the edge of your property before the curb.

Normal Household Trash
Normal household trash and bagged debris of any kind will not be picked up with disaster debris. You should continue to follow your normal garbage removal schedule.

VEGETATIVE DEBRIS
• Leaves (do not put in bags)
• Logs
• Plants
• Tree branches

CONSTRUCTION & DEMOLITION DEBRIS
• Building materials
• Carpet
• Drywall
• Furniture
• Lumber
• Mattresses
• Plumbing

APPLIANCES & WHITE GOODS
• Air conditioners
• Dishwashers
• Freezers
• Refrigerators
• Stoves
• Washers, dryers
• Water heaters

ELECTRONICS
• Computers
• Radios
• Stereos
• Televisions
• Other devices with a cord

HOUSEHOLD HAZARDOUS WASTE
• Cleaning supplies
• Batteries
• Lawn chemicals
• Oils
• Oil-based paints and stains
• Pesticides

For more information contact your local government.

Operational Schedule

Based on Tetra Tech’s understanding of the County and its needs, we have developed a draft mobilization schedule with key project management tasks in chronological order. The timeline is based on a typical activation; however, Tetra Tech is prepared to work with the County to adjust the timing of the specific elements below to meet the County’s needs.

Prior to an event with warning (such as a hurricane), our team will begin monitoring the landfall of any tropical system at H-96 and will coordinate via conference call with the County. Following an event without warning (such as tornadoes or flooding), Tetra Tech will begin response at H-0.

Exhibit 5-2: Disaster Debris-Generating Event Operational Plan

Time	Task	Deliverables/Milestones
Preparedness		
Pre-event (normal conditions)	Meet with the County to review plans and documents	<ul style="list-style-type: none"> • Conduct annual pre-event meeting with the County and debris contractor • Review the County’s disaster recovery contracts for FEMA compliance • Update critical documents and files, including any GIS files
H-96	Review capabilities and resources	<ul style="list-style-type: none"> • Contact the County and initiate daily conference call • Determine resource requirements from debris model • Review the County’s emergency policies and contracts • Establish contact with the County’s debris hauler and ensure Tetra Tech has the most up to date copy of the debris hauler contract
H-72	Execute responsibilities and activate contracts	<ul style="list-style-type: none"> • Review possible critical areas of concern, hospitals, major transit systems, historic districts, environmental issues, and critical infrastructure • Review protocols for private property, gated communities, and public drop-off sites • Review debris management site (DMS) locations and follow up with the Florida Department of Environmental Protection (FDEP) on permitting procedures • Estimate equipment requirements and DMS capacity to haul and stage debris • Prepare ADMS technology for mobilization
H-48	Monitor storm track and continue preparations	<ul style="list-style-type: none"> • Conduct regular meetings with County staff as requested • Confirm staging location and begin mobilization of resources • Mobilize project assets and begin base camp coordination and logistics (food, water, housing, etc.) with the County and Tetra Tech headquarters (if necessary) • Review list of priority roads and the operational plan • Obtain GIS files for municipalities that the County will assist with debris removal • Continue to update and gather updates from the County’s debris hauler
H-24	Prepare final reports	<ul style="list-style-type: none"> • Save all critical documents and files to the network drive, USB drive, and laptop hard drive • Certify emergency road clearance equipment (in coordination with the County’s debris hauler) • Determine emergency road clearance priorities
H-0	ARRIVAL OF NOTICE EVENT/INITIATE RESPONSE TO NO-NOTICE EVENT	
Response		
H +24	Emergency push	Receive notice to proceed with not to exceed

Time	Task	Deliverables/Milestones
		<p>Begin emergency push</p> <p>Maintain time and materials (T&M) logs for push equipment</p> <p>Coordinate with the County to conduct preliminary damage assessments and road closures (if requested)</p> <p>Supervisors report to pre-designated locations and prep staff on project</p> <p>Begin establishing ADMS infrastructure</p> <p>Begin recruiting and training monitors, project coordinators, and data staff</p> <p>Initiate opening of DMS locations</p> <p>Follow up with FDEP on debris permits (if required)</p> <p>Work with the County to establish public information protocols to respond to concerns and comments</p>
H +48	Emergency push/ damage assessment	<p>Continue emergency push</p> <p>Continue preliminary damage assessment</p> <p>Develop debris cost estimate required for presidential disaster declaration</p> <p>Develop operational plan for disaster-specific issues</p> <p>Refine health and safety plan for disaster-specific issues</p>
H +72	Disaster debris vehicle certification/ site preparation	<p>Begin hauling truck certification</p> <p>Install ADMS tower monitor infrastructure</p> <p>Train monitors on policies, ADMS, and safety</p> <p>Open public drop-off sites as requested</p>
H +96	Begin debris collection monitoring	<p>Assign monitors to trucks</p> <p>Assign supervisors to monitors</p> <p>Hold morning and afternoon meeting with County staff and debris hauler</p> <p>Implement QA/QC procedures</p>
Recovery		
Week 1+	Right-of-way (ROW) debris collection monitoring	<p>Continue ROW collection</p> <p>Address household hazardous waste (HHW) issues (if critical)</p> <p>Issue daily reports/GIS maps</p> <p>Hold daily meetings with the County, hauler, and/or State/FEMA as required</p> <p>Staff citizens debris management hotline (if requested)</p> <p>Define supplemental programs required (private roads, HHW) and prepare eligibility request</p>
Week 1+	Data management and invoice reconciliation	<p>Provide ADMS reports and real-time monitoring access</p> <p>Establish client GeoPortal to provide insight into project progress</p> <p>Review truck metrics provided by RecoveryTrac™</p> <p>Initiate weekly reconciliation</p> <p>Initial payment recommendations with retainage</p>
Week 1+	Reimbursement support/grant administration (FEMA, NRCS)	<p>Prepare damage/cost estimates</p> <p>Compile supporting documentation (debris permits, debris contracts, etc.)</p> <p>Liaise with FEMA Region 4, Florida Division of Emergency Management (FDEM), U.S. Army Corps of Engineers (USACE), etc.</p>
Week 2+	Special projects (if required)	<p>Waterway debris removal</p> <p>Private property debris removal (PPDR)</p> <p>Public drop-off sites</p> <p>HHW</p> <p>Mud/silt/sand removal (from storm drains, ditches, etc.)</p>

Time	Task	Deliverables/Milestones
		Identify areas of operational concern and make disaster-specific recommendations to FEMA to improve efficiency
Week 3+	Financial recovery assistance staff engaged (if requested)	Facilitate kickoff meetings with primary stakeholders Draft a PA work plan Conclude/review preliminary damage assessments Gather documentation for project worksheet (PW) development Identify opportunities for mitigation Conduct site visits
Project completion	Document turnover/closeout	Final reconciliation Retainage release Release hard copy files Provide electronic database Assist with PW development Assist the County with long-term reimbursement Audit assistance Appeal support if necessary

RecoveryTrac™ Automated Debris Management System

In today's technology-driven society, paper-based systems are quickly becoming obsolete. Recognizing the migration to electronic-based systems, our team has spent years on research and development in an effort to streamline the debris collection documentation process, with a focus on minimizing the cost to our clients while improving the visibility of debris project operations. RecoveryTrac™ is the result of these efforts. RecoveryTrac™ is a scalable and fully featured disaster management application designed specifically to address the operational challenges faced during a disaster recovery project.

Our proprietary ADMS technology, RecoveryTrac™, is one of only three systems validated by the U.S. Army Corps of Engineers (USACE). The system provides real-time collection of data and offers multiple solutions to data management, reporting, invoice reconciliation, and project controls that cannot be achieved with a paper-based program.

Tetra Tech has implemented RecoveryTrac™ ADMS technology on our last 200 FEMA PA-eligible projects. On these projects, our clients and FEMA found this state-of-the-art technology to increase efficiency and improve the management of debris removal efforts.

Key Benefits of RecoveryTrac™

Ability to Respond. Combined with the on-hand inventory of over 6,000 handheld devices and the ability to rapidly procure additional equipment through preferred vendor relationships, the County can rely on our mobilization strategy for zero-day activations in disasters covering large areas with little or no notice.

The on-hand inventory can be on-site and ready to use within 24 hours of a notice to proceed, and additional needs can be met quickly (in most cases, 72 hours or less).

Simple and Intuitive. A key foundation of our mobilization strategy is the ability to quickly hire and train local residents and begin debris removal operations. The mobile application is simple to understand and intuitive, allowing most users to begin using the device once the standard monitor training is completed.

Cost Effective. RecoveryTrac™ combines the advantage of automation and the desire of our customers to control costs by utilizing widely available commercial equipment and increasing the simplicity of operations.

Reliable and Stable. Based on the Android operating system, RecoveryTrac™ is secure and reliable. This minimizes the interruptions in field operations due to technical difficulties and reduces the number of support personnel required to maintain the system.

Technical Support. RecoveryTrac™ is designed to be self-repairing when possible; most support needs are resolved by field supervisors who are able to reach field monitors within 15–30 minutes in most cases. In addition, we have dedicated technicians at disposal sites and provide a field service center to maintain and repair equipment.

Real-Time Reporting. The key to successful management of a debris project is the timely availability of relevant information needed to make sound decisions and respond to anomalies before they become issues. Our powerful reporting engine allows the user to monitor contractor performance, track damages, track street-by-street debris removal progress, and identify and resolve potential problems as they happen. The geospatial reporting systems within RecoveryTrac™ provide real-time information that raises the bar for post-disaster project management.



RecoveryTrac Key Facts

- Owned and operated by Tetra Tech
- Over 6,000 mobile units on-hand and ready for state-wide multi-district mobilizations
- Meets USACE specifications for electronic debris monitoring handhelds
- Real-time situation awareness of field resources and efficient direction to support County priorities
- Real-time GIS web services for EOC information and visualization systems
- Capable of collecting data regardless of cellular service
- Automated photograph and GPS capture
- Provides reports and pass map tracking in real-time
- Minimizes chance of fraud through real-time monitoring
- Minimizes data entry and human error
- Expedites invoice reconciliation
- Intuitive and user-friendly

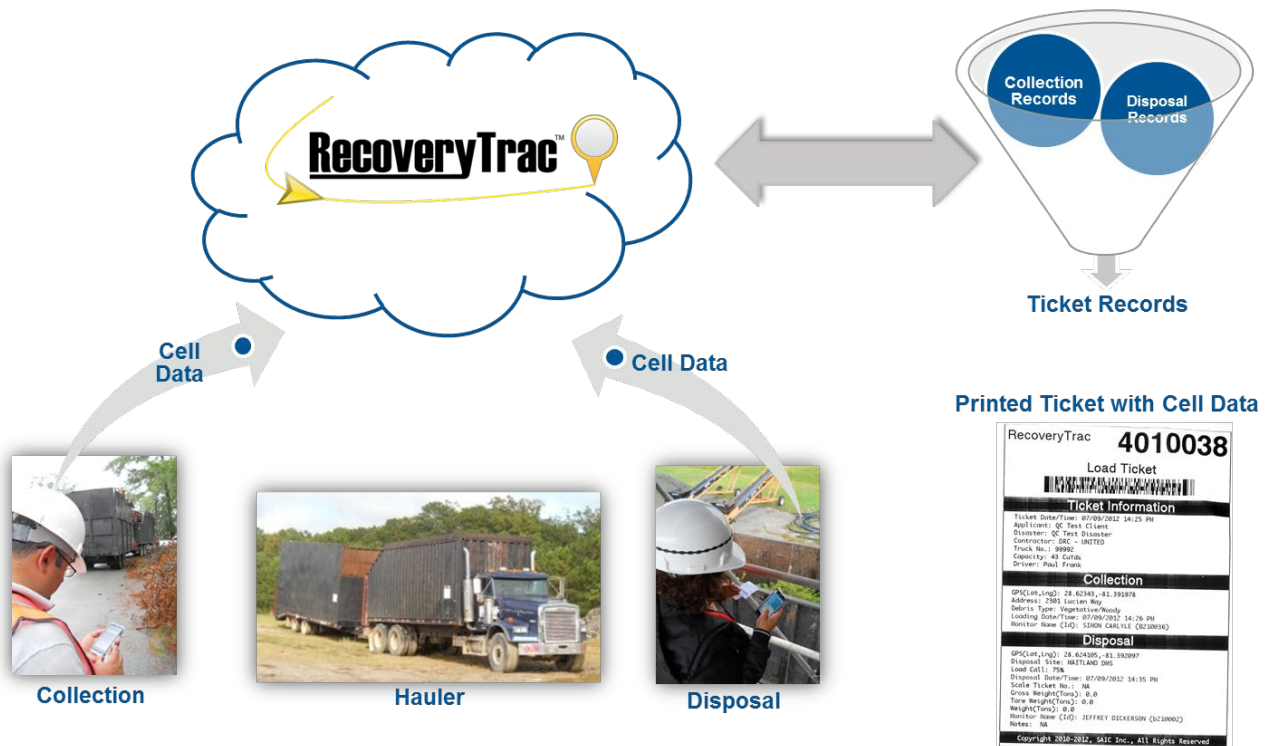
The RecoveryTrac™ Process

The steps of the RecoveryTrac™ process are as follows:

1. The process begins with debris hauler truck certification using handheld devices. Handheld devices are provisioned and assigned to both field and debris site/tower monitors.
2. A truck certification form is printed with a unique electronic bar code and provided to the driver as well as our debris site/tower monitor(s).
3. Field monitors begin a ticket by scanning the truck certification bar code to open a control ticket and then begin to record waypoints (debris pile pick-up locations) on the handheld device as the truck is loaded.
4. When the truck is full, the field monitor selects the debris type and scans the control ticket to assign the load a unique number.
5. The truck then proceeds to the disposal site. The collection data is uploaded to a server via cellular connection, and using a process called *Look Ahead*, the collection ticket information is made available to the disposal monitor's handheld device before the truck arrives.
6. The control ticket is provided to the driver and taken to the DMS, where it is scanned by a debris site/tower monitor.
7. The debris site/tower monitor confirms the truck and debris type and enters the load call.
8. Finally, the disposal load ticket is printed and data is uploaded to the system, where it can be utilized in real-time reporting systems.

Even when there is no cellular connection, the handheld devices continue to operate in connected mode; however, the data is stored on the device until a data connection is restored. The device periodically searches for this connection, and when services are restored, the handheld device automatically uploads the stored ticket data. Exhibit 5-4 shows the RecoveryTrac™ process under normal operating conditions.

Exhibit 5-3: RecoveryTrac™ Process



Emergency Push Period





The emergency push period begins immediately following an event. Debris removal contractors coordinate with County crews to clear blocked roadways for emergency vehicle passage. Tetra Tech is prepared to assist during the push period by providing the following services:

- Documenting blocked roads that require immediate clearance
- Administering the sign-in and sign-out of labor and equipment to track T&M charges
- Helping staff maintain maps or databases to track road clearance progress and other essential tasks, as requested
- Maintaining documentation for reimbursement of emergency push work

Vehicle Certification

Tetra Tech has a proven vehicle certification procedure that complies with FEMA guidelines and results in maximum reimbursement for our clients. Tetra Tech’s ADMS technology, RecoveryTrac™, will be used to electronically certify all trucks used in an activation. Benefits of using the mobile truck certification application include **electronic volume calculations**, instantaneous upload to the RecoveryTrac™ database to allow immediate QA/QC checks to verify the truck certification calculations, and automated photo-matching of truck and driver photographs to the truck. The truck certification application allows us to complete truck certifications in **30% less time than with a paper-based system**.

Exhibit 5-4: Truck Audit Report

RecoveryTrac Truck Certification Audit Report		Trucks Certified On: *All						
BAY COUNTY HURRICANE MICHAEL PPDR COLLECTION - Truck Certification Summary								
	<u>Tot Trucks Certified</u>	<u>Tot Certified Capacity</u>	<u>Avg Certified Capacity</u>					
<input checked="" type="checkbox"/> Contractor: ASHBRIIT	129	8323	64.52					
Totals:	129	8323	64.52					
BAY COUNTY HURRICANE MICHAEL PPDR COLLECTION - Project Truck Certification Details								
Contractor: ASHBRIIT								
Sub-Contractor 1: ASHBRIIT								
<u>Sub-Contractor 2</u>	<u>Truck No.</u>	<u>Capacity</u>	<u>Cert Date</u>	<u>Status</u>	<u>Vehicle Tag</u>	<u>Vehicle Type</u>	<u>Vehicle Features</u>	<u>QC Audit/Approval</u>
<input checked="" type="checkbox"/> N/A	813157	100	03/30/2019 11:38 AM	ACTIVE	4177CV (FL)	SEMI-TRAILER		QC Approved
Primary Box (L x W x H): 542x89x98 = 4727324.0 (+) Type: Dog Box (L x W x H): 24x89x24 = 51264.0 (-) Total Volume: 4676060.0 Cu Inches (/46656)= 100.22 CuYds								
Driver-Placard View		Side View		Back-Interior View		Front View		
								

Our disaster debris vehicle certification procedure includes the following:

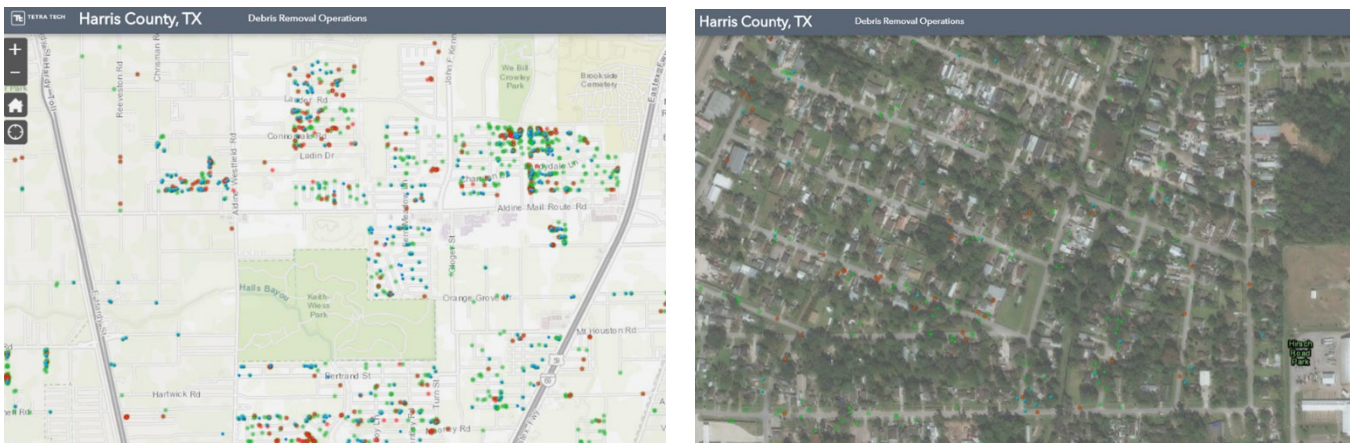
- Generation of unique truck numbers for contractor crews and equipment
- Automated truck certification form, which includes the latest FEMA guidelines on truck certification documentation and volume calculations and a bar code for automated ticket scanning
- Special vehicle notations on the truck certification form and vehicle placard, which inform tower monitors of sideboards, tailgates, or other modifications, thus discouraging debris removal contractors from fraudulently altering vehicles after certification
- Photographs of vehicles, vehicle cavities, and drivers
- Periodic spot checks and recertification of trucks to identify trucks altered after initial certification

Right-of-Way Collection Reporting

Our ADMS technology allows the County to view debris collection points, truck locations, monitor locations, damage, incidents, and daily metrics at any given time. The additional geospatial reporting capabilities are made possible through the Tetra Tech approach to field monitoring.

At each debris collection point, the field collection monitor marks the waypoint or location of the debris pile to collect GPS coordinates. The map below displays the waypoints associated with each collection ticket issued in the field. The waypoint collection report is updated in real time and can be filtered by date.

Exhibit 5-5: Waypoint Collection/Hazardous Tree Maps



An additional feature of our ADMS technology is that each handheld device reports back the location of the device regularly. By leveraging this location information, Tetra Tech can view monitor locations and truck locations in real time, as demonstrated in Exhibits 5-6 and 5-7.

Exhibit 5-6: Monitoring Locations

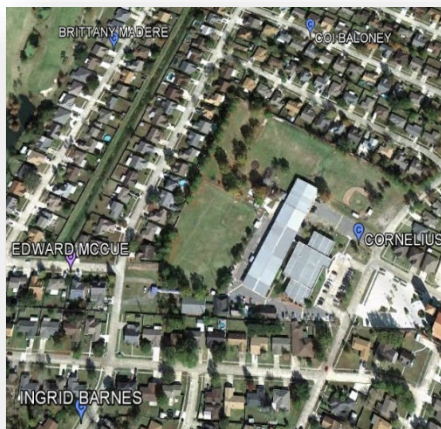
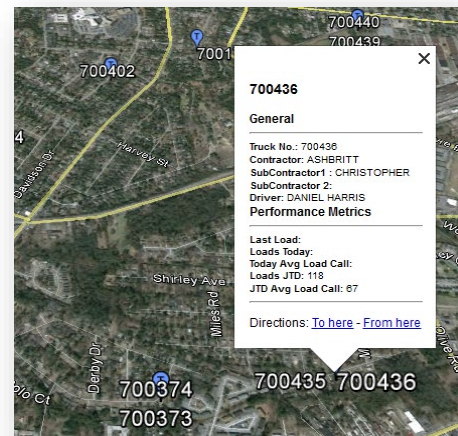


Exhibit 5-7: Truck Locations



Field Operations

The Tetra Tech debris monitoring program includes the following:

- **Operations.** Field collection monitors report to a staging location prior to the commencement of daily operations for a briefing to be given by the project manager or field supervisors and the distribution of safety gear (for example, caution lights or safety vests), map books, and ADMS handheld devices and debris tickets.

- **Deployment.** A field monitor is assigned to one loading unit or to a leaner and hanger removal crew. In instances where leaner and hanger crews have multiple saw operators, the cut crew can request the addition of a monitor (this typically happens when a cut crew can complete over 60 hazard removals per day).
- **Field Supervision.** Responsibilities of the field supervisor monitor include training, QA/QC of work being performed, verifying load ticket accuracy, and responding to field monitor and debris contractor issues in the field.
- **Responsibilities.** Field monitors will verify the proper loading of debris into the debris removal contractor's certified loading container. Monitors will document that contractors and their subcontractors adhere to local, state, and federal regulations and that they are working safely and efficiently. Field monitors often notice inconsistencies with debris removal procedures and submit them to their supervisors. If a field monitor feels there is justifiable need to stop operations, the monitor is instructed to refrain from issuing a ticket until the debris hauler supervisor and a Tetra Tech supervisor can be called in to determine the appropriate action.
- **Work Scheduling.** Tetra Tech will coordinate with the debris removal contractor's project manager to estimate the number of field monitors that will be required for the following day. To be responsive and mitigate overstaffing, Tetra Tech requests that the debris hauler release the next day's schedule by 5 p.m. This will verify the appropriate number of field monitors is dispatched.
- **Daily Closeout.** At the close of operations each day, all collection and disposal monitors will report to the staging area to clock out and turn in their ADMS handheld devices.
- **Contractor Completion.** Tetra Tech will assist the County in completing the project efficiently and within the timelines set forth in the RFP. There are many aspects of debris removal that are outside of the monitoring firm's control but will still need to be managed. Tetra Tech will assist the County with managing these goals, including the following:
 - The ability of a debris contractor to respond with sufficient equipment will affect the proposed schedule. Tetra Tech will provide burn rate analysis to verify the proper equipment is being provided. This will be adjusted as more accurate debris estimates are available.
 - Leapfrogging by the contractor (cherry picking work being performed) is detrimental to the efficiency of operations and will be reported.
 - Invoices by the contractor need to be produced in a timely manner so that Tetra Tech can reconcile in a timely manner. Tetra Tech will work to make the contractors aware of an appropriate time frame for invoicing and will communicate with the County if deadlines are not being met.
 - Deadlines for collecting debris are set to correspond with the work schedule that is based on estimated work to be completed. As damage estimates become more accurate (as is typical throughout the process), Tetra Tech will work with County officials to adjust the timeline to appropriately reflect the changing estimates.

In addition, there are events out of the control of all parties that could negatively impact a debris removal operation (for example, inclement weather). In the event any of these circumstances occur, Tetra Tech will work closely with the County to refine timelines and support an expeditious recovery for the County.

Debris Management Site Monitoring

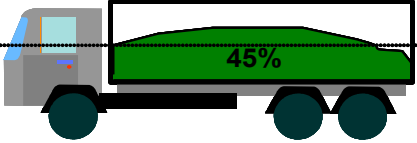
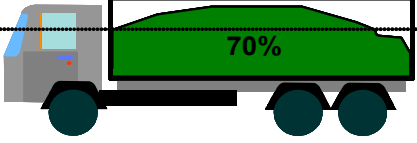
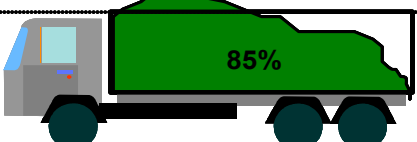
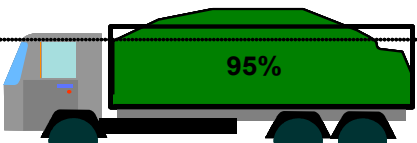
Response to debris-generating events requires locating DMS, emergency permitting of DMS (including debris burning and State regulatory permits), baseline soil testing before the DMS are opened and as part of remediation process, and recycling and diversion initiatives once the reduced vegetative debris is collected and processed. Tetra Tech has had significant experience assisting local governments in Florida with pre-permitting DMS before a disaster event as well as post-disaster permitting.

As DMS are activated, Tetra Tech will provide a minimum of two disposal monitors per site. Staffing numbers may also increase or decrease, depending on site layout. Tetra Tech verifies hauler passes through the DMS and documentation remains accurate and complete with several daily audits by project operations managers and supervisors to verify load call accuracy and consistency. Specific documentation kept by Tetra Tech DMS disposal monitors includes the following:

- **Load Ticket.** The load ticket is used to document that debris removal complies with all FEMA requirements.
- **Disposal Monitor Log.** The disposal monitor log is used as backup documentation as required by FEMA.

- **Scale Manifest Tickets.** If the debris hauling contract is weight-based, Tetra Tech will digitize and catalog tickets generated by the existing scales at the County's DMS.
- **Incident Report.** Tetra Tech will document property damage, arguments, unsafe practices, and injuries.
- **Photographic Documentation.** Tetra Tech disposal supervisors will photograph a DMS frequently to create a visual timeline of the site.
- **QA/QC of Field Tickets.** Disposal monitors review and verify collection monitors' work in the field.

Exhibit 5-8: Load Call Estimate Examples

A		<p>Example A. The mounded portion of the load offsets the areas where the load drops below the fill line. Because the load includes light and medium debris, the load percentage estimate is 45 percent.</p>
B		<p>Example B. The mounded portion of the load offsets the areas where the load drops below the fill line. Because the load includes light and medium debris, the load percentage estimate is 70 percent.</p>
C		<p>Example C. The mounded portion at the front of the load offsets the area in the back where the load drops below the fill line. Because the load includes light and medium debris, the load percentage estimate is 85 percent.</p>
D		<p>Example D. The mounded portion of the load offsets the areas where the load drops below the fill line. Because the load includes light and medium debris, the load percentage estimate is 95 percent.</p>

Residential Drop-Off Sites

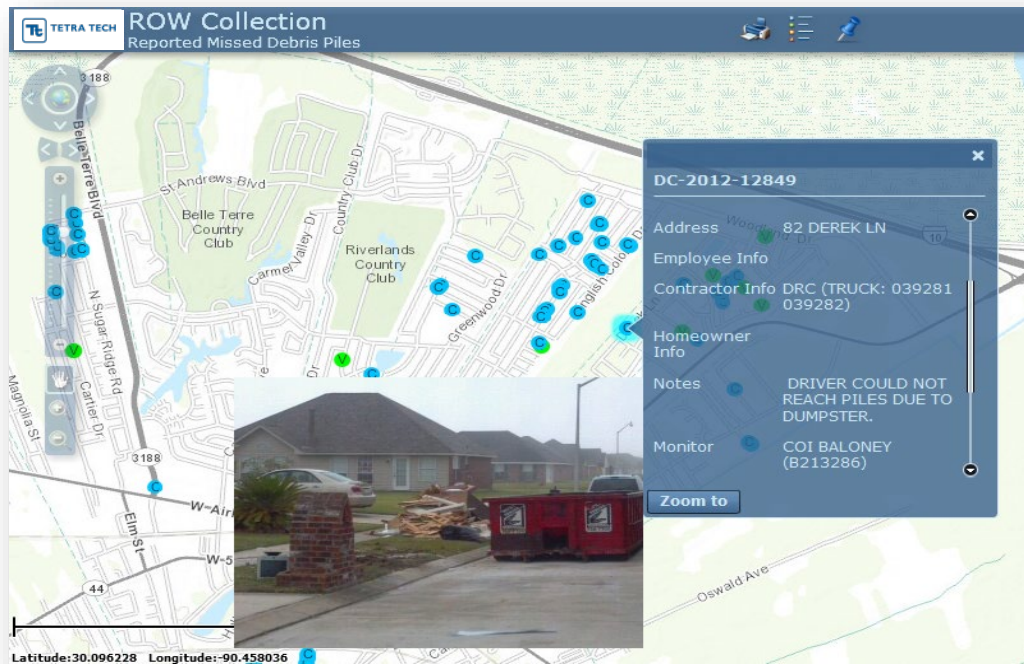
To provide documentation to FEMA that supports reimbursement of debris brought by the County's residents to residential drop-off sites and proves the debris is not commercial, the County must monitor each site and screen citizens who enter. Tetra Tech is prepared to support the County by assisting with this task if needed.

Quality Assurance/Quality Control Program

Implementing comprehensive QA/QC protocols and technologies is critical to a debris monitoring effort. Proper QA/QC protocols reduce the amount of work associated with back-end data management, reduce invoice reconciliation timeframes, prevent fraud, and establish a sound dataset for future audits. Throughout years of experience assisting local governments with recovering from disasters and the subsequent audits, Tetra Tech has developed industry-leading QA/QC standards and protocols. The use of our ADMS technology expedites the QA/QC process and drastically reduces ticket errors that can result from traditional manual (paper and pen) debris monitoring operations. For example, monitors no longer have to carry a GPS device and manually write in GPS coordinates because this is logged automatically.

Due to the real-time information collected by our ADMS technology, Tetra Tech can establish a virtual command center to audit project information during the collection process and correct issues as they appear. For example, our ADMS technology provides reporting and tracking on any missed debris piles. This allows Tetra Tech to improve our responsiveness to resident complaints and provide real-time tracking tools to manage removal of these missed piles to the County.

Exhibit 5-9: Missed Piles Tracking



Fraud Prevention

Several practices are used to prevent debris haulers from committing fraud both in the field and remotely by real-time data monitoring. At DMS locations, Tetra Tech disposal monitors or supervisors will randomly recertify a previously certified truck. Recalculating the truck hauling capacity helps verify that the original work was accurate and that nothing has been altered since certification. Additionally, ADMS technology displays a photo of the truck as a ticket is scanned by the disposal monitor. This makes it nearly impossible for a debris hauler to switch truck certifications between trucks or alter their truck configuration (i.e., remove sideboards).

Fraud prevention reports are run daily to identify data anomalies that may be a result of fraud. The load call report shows all load calls for a given day/monitor to confirm no trucks are receiving extraordinarily high load calls. The load ticket report and unit rate daily ticket report determine if monitors are issuing an excessive number of tickets in relation to the average number of tickets per day. The RecoveryTrac™ system includes built-in project controls that alert the data manager to anomalies that may be indicative of fraud. For example, the following data features are flagged:

- **Truck Turn-Around-Time.** The time between last pick-up location and arrival of a truck at the DMS is tracked. A time that is too short may indicate that the debris hauler is not filling the vehicle to capacity.
- **Out-of-Bounds.** The municipality boundaries are programmed geospatially to confirm that debris pick-up remains within the eligible bounds of the County.
- **Debris Type.** Discrepancies between the debris type noted by the collection monitor and the debris type noted by the disposal monitor are flagged for review.

Hazardous Tree Removal

Guidance established by FEMA requires supporting photo documentation for each ticket issued for hazardous tree or hanger removal services. The previous standard for monitoring firms was to take supporting photographs with a digital camera and manually associate the photos to each tree ticket. Tetra Tech can utilize ADMS technology to automatically associate photographs for all hazardous tree and hanger removal operations, which eliminates the potentially extensive labor associated with this task. Additionally, our ADMS technology and software is designed to manage photo documentation by

compressing and securely storing photos for field validations and audits in real time. The ability to associate photo documentation to unit rate tickets is critical for FEMA reimbursement, QA/QC, and fraud deterrence.







As work in the field is completed, the information and supporting photos are uploaded directly to our database for QA/QC checks. A QA/QC manager verifies that the photographs comply with FEMA regulations and that all measurements meet the County's contractual agreement with the contractor.

Exhibit 5-10: Real-Time Ticket

RecoveryTrac Document Audit Detail Report

General Performance and Status

Ticket

Processing Activity	Status
Other Issues	
Missing Photographs	
Replicated To Reporting Systems	
Geoprocessing - In-Boundary Check	
Geoprocessing - Zone Determination	
Transaction Processing	

RecoveryTrac

550800073

Unit RateTicket

Ticket Information

Ticket Date/Time: 03/10/2020 9:31 AM
 Applicant: BAY COUNTY
 Disaster: FL - HURRICANE MICHAEL
 Contractor: CROWDER GULF
 Sub-Contractor: GULF SERVICES -
 Crew No.: 805096
 Supervisor: JERRY BOHANON

Hazard Information

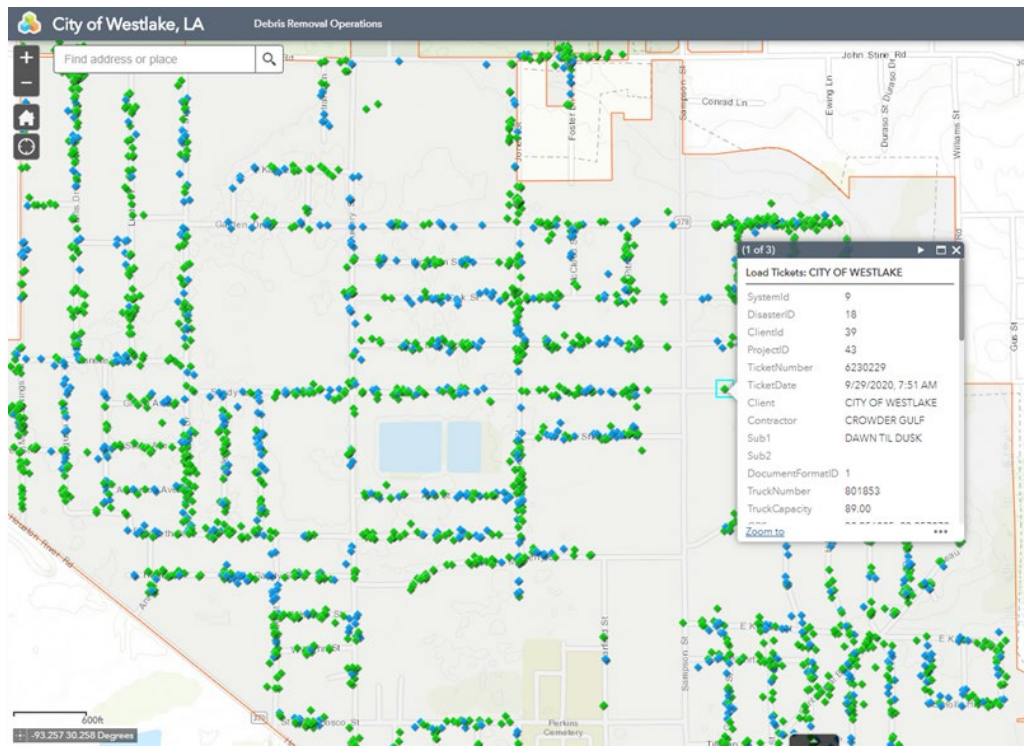
Hazard Type: 2C - REMOVAL OF HAZARDOUS TREES 25-36 IN
 GPS(Lat,Lng): 30.287002,-85.653915
 Address: 1226 7TH STREET
 Measure: 28.00
 Unit Count: 1.00
 Start Time: 03/10/2020 7:34 AM
 EndTime: 03/10/2020 9:31 AM
 Monitor Name (Id): KRISTEN COVEY (B232542)

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Unit Rate Ticket Geoportal Report

As monitors complete unit rate tickets for hazardous trees or hangers, their locations are logged and collected. The map below displays locations where hazardous tree or hanger removals were documented in the field. Clicking on the marker allows the user to review the data and photos collected by the field monitor (see example below). The unit rate ticket report is updated in real-time.

Exhibit 5-11: Unit Rate Ticket Map




Incident Reporting

Another key feature of our ADMS technology is that it allows field monitors to report incidents and provide supporting photographs in real time to the County, Tetra Tech, and the debris contractor. Examples of incidents include reporting pre-existing damage, damage caused by the contractor, debris piles skipped by the contractor, safety hazards, and other incidents critical to a debris removal program. As monitors complete incident reports in the field, the information and supporting photographs are uploaded to the Tetra Tech reporting server. Depending on the type of incident, priority e-mails may be sent out by the reporting server to County representatives, Tetra Tech's project team, and debris contractor representatives. Our firsthand experience assisting local governments with recovering from disasters has shown that accurately capturing and photographing pre-existing damage can alleviate residential damage claims that may be submitted to the County. Additionally, the incident map developed from the collection information is essential to quickly identify unresolved contractor damages before the completion of the program.

Exhibit 5-12: Incident Report

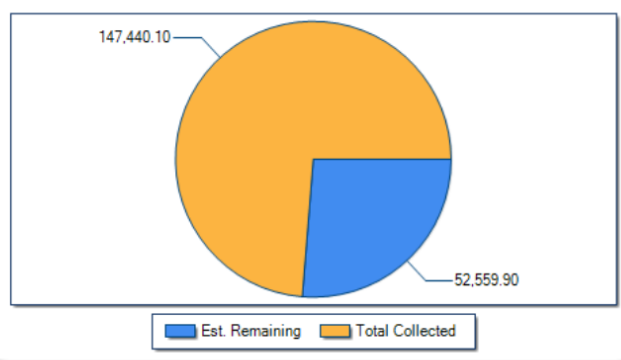
RecoveryTrac Incident Summary Report									
Project Incident Summary: CITY OF WESTLAKE HURRICANE LAURA ROW COLLECTION									
Incident Type	Total	Active	Closed	Pct Compl	Avg Day Out	Hi Pri	Emp Invl	Contr Invl	Own Invl
DAMAGE TO PROPERTY	2	2	0	0.0	61	0	0	1	0
Totals	2	2	0	0.0	61.0	0	0	1	0

Project Incident Details: CITY OF WESTLAKE HURRICANE LAURA ROW COLLECTION									
DAMAGE TO PROPERTY (Count: 2)									
PRIVATE PROPERTY-MAILBOX (Count: 1)									
Incident No.	Status	Priority	Date	Emp Invl	Cont Invl	Own Invl	Location	ReportingMonitor	
DP-2020-30961	Active	Normal	9/9/2020 5:26:00 PM	NO	NO	NO	1313 GREENROAD STREET (30.250231,-93.257046)	DARE ADEYANJU (586714)	
MAILBOX DOWN BEFORE THE ARRIVAL OF THE DEBRIS TRUCK.									
									

Daily Reporting Metrics

Tetra Tech has a suite of reports that are automated from RecoveryTrac™ and available in real-time via PC, tablet, or smart phone. Although the reports are available at any time to the County, Tetra Tech will submit a daily status report that includes daily cubic yards/tons collected by material and program, cumulative cubic yard/tons collected, number of debris monitors in the field, cumulative cubic yards/tons hauled to final disposal, and daily/cumulative hazard removals. Below are samples of these reports created for recent projects. Additionally, Tetra Tech takes pride in the customization of reports to meet our client's specific needs and provided reports tailored to any metrics not captured in the generic reports.

Exhibit 5-13: Sample Custom Reports Developed

Debris Removal Status Report		Saturday, December 19, 2020
BAY COUNTY, FL		
FEMA-DR-4399 FL - HURRICANE MICHAEL		
ROE PPDR		
Daily Totals		
Daily Statistics (12/19/2020)	CuYds Collected Vs. Remaining	
Total Cubic Yards	1,543	
CONSTRUCTION&DEMOLITION	80	
VEGETATIVE/WOODY	1,463	
Total Loads	34	
Total Trucks Operating	8	
Average CuYds Per Load	45.38	
Average Load Call	66.18%	
Disposal Sites in Operation	1	
*All figures are estimates pending reconciliation		
Page 1 of 3		
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Contractor Reconciliation

RecoveryTrac™ significantly reduces the amount of time needed for a contractor to generate an invoice and for the subsequent invoice reconciliation with Tetra Tech.

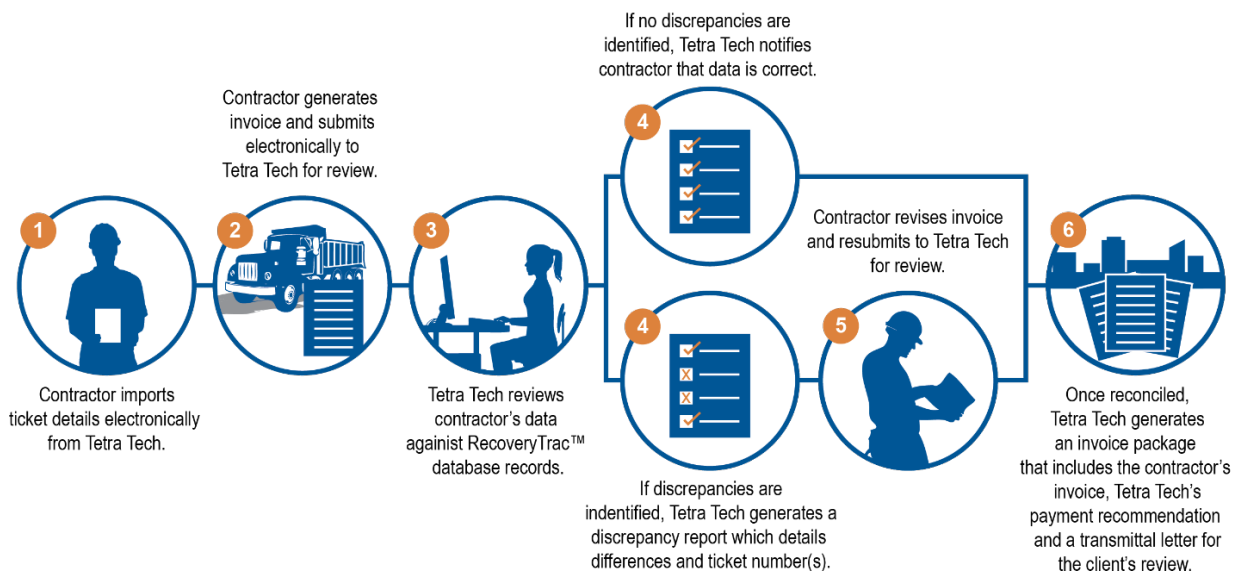
To expedite contractor invoice reconciliation efforts, Tetra Tech requires copies of contracts for all primary debris contractors. After reviewing the necessary contract(s), Tetra Tech sets up the RecoveryTrac™ database to generate transactions applicable to contract terms for tickets issued to each debris contractor.

Next, Tetra Tech meets with each primary debris contractor to review the debris contractor project reports that will be generated automatically via RecoveryTrac™. The debris contractor project reports will provide the debris contractors with sufficient data to reconcile with their subcontractors as well as generate invoices for payment by the client. The debris contractor is given a report login, which enables them to access the data remotely. They may run the report for a specific date or a range of dates.

Tetra Tech conducts several real-time QA/QC checks throughout the day, and a final daily comprehensive data analysis is performed at the close of operations. A final QA/QC check is completed when the debris contractor sends the invoice dataset to Tetra Tech for reconciliation. Incongruencies in the debris contractor's data are flagged for review and must be resolved prior to the issuance of a final invoice.

The step-by-step process for contractor invoice reconciliation in a RecoveryTrac™ project is outlined below:

Exhibit 5-14: Contractor Invoice Reconciliation Process



Monitor Training Program

To properly instruct newly hired employees, Tetra Tech has developed a training program that includes modules specific to the County. These modules are complete with the information required to facilitate accurate field monitoring and ADMS implementation. Qualifying tools included in the training modules assist with the retention of the material and assist Tetra Tech in screening and selecting the most qualified personnel for the monitoring task. Training module topics include truck certification, load site monitor responsibilities, disposal monitor responsibilities, hazardous trees monitor responsibilities, and field supervisor responsibilities. Project Managers, data managers, and operations managers follow standard operating procedures and protocols established in our concept of operations plan.

Health and Safety

Tetra Tech's employees are the foundation of our business and protecting them at all work sites is our highest priority. The company subscribes to the philosophy that all occupational incidents can be prevented and that no incident is treated as an acceptable event when we execute our work. To achieve this, the company's health and safety processes are a vital and integral part of our work.



Health and safety addressed in our operations and management systems is supported by strong leadership. Tetra Tech's leaders understand their responsibility and accountability to plan for safety and to ensure that safety measures are implemented. Preventing incidents also relies on a management system that regularly evaluates performance and identifies necessary adjustments to target continual improvement. The principal objectives of our program are codified in our written health and safety policy, which is endorsed and regularly monitored by the highest levels of our management team.

Tetra Tech is committed to workplace safety. As such, a project-specific health and safety plan will be developed for the scope of work. Field staff assigned to the project will be trained on the health and safety plan. Additionally, Tetra Tech project managers have completed the Occupational Safety and Health Administration (OSHA) Disaster Site Worker course and have their 10-hour Construction Safety Certification. During a debris recovery operation, Tetra Tech project managers and supervisors routinely examine the safety of field and debris staging site operations and have the authority to shut down unsafe operations. Debris staging site monitors are equipped with the appropriate personal protective equipment, which may include hard hats, appropriate footwear, reflective vests, hearing protection, and eye protection. Additionally, Tetra Tech project managers conduct regular tailgate safety sessions with their field employees to alert them of potential work hazards and review safe work practices.

Ability to Respond

Tetra Tech is recognized for our ability to quickly and effectively respond to disaster grant administration and program management projects. Since 1990, Tetra Tech has been providing comprehensive emergency response services to both governmental and private clients. Most notably, we have continuously supported the U.S. Environmental Protection Agency's (EPA) Emergency Response and Removal program since 1995, serving as prime contractor or subcontractor in eight of the ten regions across the country. Over this time, we provided technical consulting expertise on nearly 2,000 emergency response efforts nationwide. We have responded to all types of incidents, including industrial plant explosions, chemical fires, train derailments, oil spills, and pipeline ruptures impacting environmentally sensitive areas, clandestine drug laboratory operations, mercury spills in residences and schools, releases of unknown hazardous substances, chemical and biological agent incidents, and natural disasters, such as floods, tornadoes, and hurricanes.



In many cases, we respond rapidly within 24 hours of receiving notice-to-proceed and fully staff projects within 7 days. Our staffing process has rapidly mobilized project teams for major disaster recovery projects nationwide, leveraging both our in-house and on-call staff with demonstrated disaster response training and experience. We prioritize deploying local staff to the maximum extent practical, which not only benefits the local post-disaster economy but also reduces mobilization and transportation costs. We are committed to providing a consistent and coordinated team to successfully staff and complete this project and affirm our ability to commence full operations immediately after notification of award.

Our team has successfully deployed large-scale mobilizations of hundreds of staff and thousands of dollars' worth of equipment to multiple clients in a matter of days and on very short notice.

Active Contracts

The list below shows Tetra Tech's active debris monitoring service projects.

Name of Entity	Project	% Complete
Calhoun County, AL	Disaster Debris Monitoring 2021 Tornadoes	85%
Calcasieu West Airport, LA	Disaster Debris Monitoring Hurricane Laura	95%
VDOT, VA	Debris Monitoring Services	90%
City of New Bern, NC	New Bern NC Drainage Basins	75%
Bay County, FL	Private Property Debris Removal – Hurricane Michael	95%
Houston City of, TX	City of Houston Silt Removal	80%
Harris County, TX	Harris Co TX Homeless Med Iso	90%
Town of Paradise, CA	Paradise CA 2020 Arborist Program	95%
Calrecycle, CA	Camp Fire Finance and Administration	70%
City of Lake Charles, LA	Lake Charles LA Debris Monitoring Services 2020	95%
Calcasieu Parish Policy Jury, LA	Calcasieu Parish LA Debris Monitoring Services 2020	95%
City of Sulphur, LA	Sulphur City LA Debris Monitoring Services 2020	95%
City of Dequincy, LA	DeQuincy City of LA Hurricane Laura – Debris Monitoring Services	95%
Rapides Parish Police Jury, LA	Rapides Parish LA Hurricane Laura – Debris Monitoring Services	95%
Wilcox County, AL	Debris Monitoring Services 2020 Zeta	95%
Marengo County, AL	Debris Monitoring Services 2020 Zeta	95%
Calrecycle, CA	CalRecycle 2020 Debris/Mgt Services NB	70%

Pre-Positioned Contracts

As required by the RFP, below is a listing of standby contracts for debris monitoring services within 250 miles of Santa Rosa County. Tetra Tech can affirm that we have more than enough capacity (given our current commitments in the area) to provide responsive and quality debris monitoring services to Santa Rosa County.

CONFIDENTIAL	Client	Client
	Callaway, City of, FL	Pensacola, City of, FL
	Franklin County, FL	Springfield, City of, FL
	Lynn Haven, City of, FL	Wakulla County, FL
	Okaloosa County, FL	Gulfport, City of, MS

Additional Service Capabilities

Grant Management Consulting Services

As one of the nation's premier providers of hazard mitigation, emergency preparedness, and response and recovery services, Tetra Tech is dedicated to helping our clients plan for, respond to, and recover from natural and human-caused disasters. Tetra Tech maintains a multidisciplinary staff with experience in disaster response and recovery, grant administration, and emergency management. Many are first responders, former state and local emergency management directors, and consultants who have been at the forefront nationally in developing strategies and plans in support of the U.S. Department of Homeland Security's (DHS) National Recovery Goals. **Tetra Tech offers a complete, end-to-end solution that empowers our clients to protect their most precious assets in times of chaos.**

Over the past 20 years, our grant management experts have assisted clients with applying for and retaining grant funds, even after closeout and audit processes. Our team has extensive experience assisting local and state governments with managing and documenting projects that are eligible for federal funding through the FEMA PA Program, including multiple, large PA programs for the States of Vermont, South Dakota, and Connecticut. Our team also has significant experience with FHWA Emergency Relief (FHWA-ER) federal reimbursement, having assisted over 60 clients with FHWA application, project management, and reimbursement. **Our team's record of success spans over 300 state and local government clients in response to over 65 declared presidential disasters, representing the recovery of more than \$6 billion in disaster grant funds. These activations have yielded grant program management engagements resulting in clients not only garnering grant funds but in retaining 99.8 percent of the funds received.**

Having a national firm with broad capabilities allows the County to bring in the right skills and background for the required scope of work and funding source. From engineers with technical capabilities (i.e., transit, road/bridge, water/wastewater, cost estimating) to former federal and state emergency management officials included on our project team, our team has direct experience with the following grant programs:

- FEMA Hazard Mitigation Grant Program (HMGP)
- FEMA Flood Mitigation Assistance Program¹ (FMA)
- FEMA Public Assistance (PA) Program
- Pre-Disaster Mitigation (PDM)
- Federal Highway Administration-Emergency Relief (FHWA-ER) Program
- FHWA Transportation Investment Generating Economic Recovery Grant
- Natural Resources Conservation Service (NRCS) Emergency Watershed Protection
- U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) Program

Tetra Tech has comprehensive experience working with the CDBG and CDBG-DR programs and has a successful record of helping communities across the region bolster recovery efforts and long-term resilience. Tetra Tech has applied our expertise in the CDBG-DR program to help numerous communities navigate complex program requirements, including the development of action plans, consolidated plans, grant management, application procedures, and compliance review among other services.

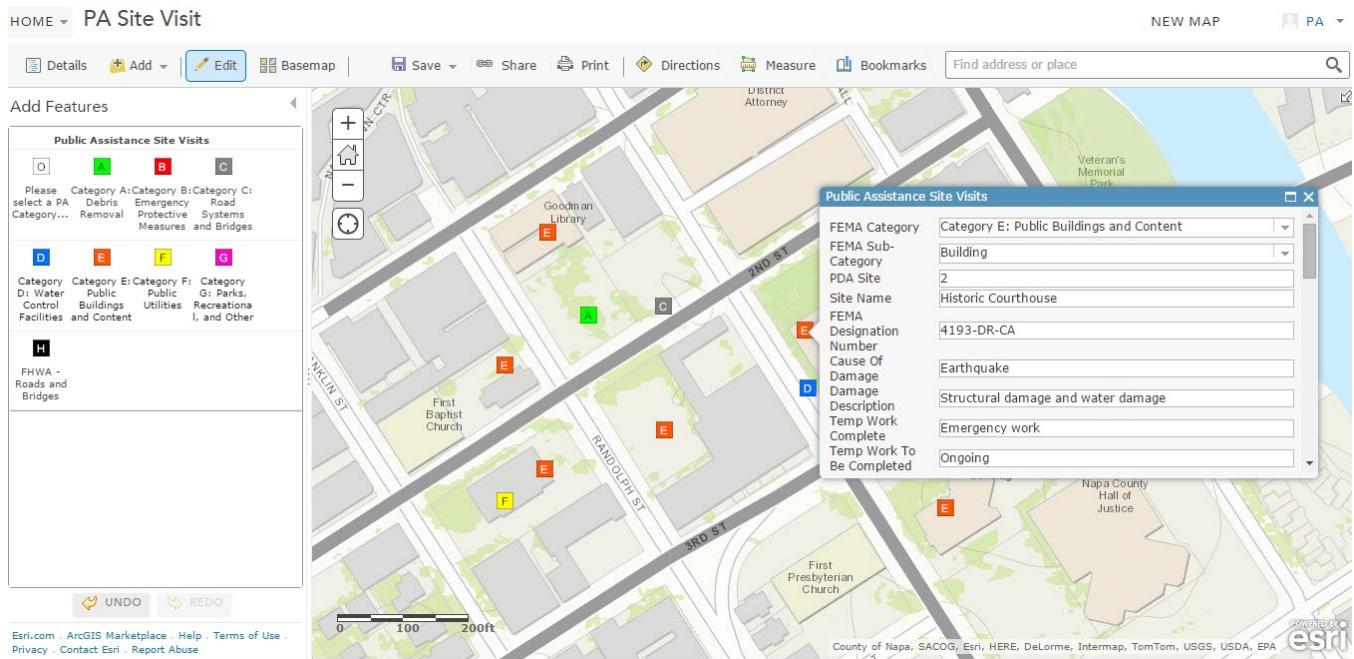
Damage Assessment

Following a disaster, the County will need to evaluate countywide damages and identify priorities. Preliminary damage assessments are a critical component to the County receiving a disaster declaration following a major debris-generating event. If tasked, Tetra Tech is prepared to supplement County staff and assist in conducting electronic damage assessments. Tetra Tech's ADMS technology, RecoveryTrac™, would be used to conduct damage assessments and collect supporting data including photo documentation of damages. The collected information would be reported real-time through web-based maps that depict damage assessment progress. Tetra Tech has recently supported damage assessment efforts for local

¹Formerly three separate grant programs: FEMA Severe Repetitive Loss Program, FEMA Repetitive Flood Claims Program, and the FEMA Pre-Disaster Mitigation Program.

governments following Hurricane Harvey in Texas and Hurricane Maria in Puerto Rico. See Exhibit 5-15 for a sample image of Tetra Tech’s web-based damage assessment report.

Exhibit 5-15: Damage Assessment Report



Integrated Mapping Solutions

Tetra Tech provides integrated mapping solutions using state-of-the-art mapping software, airborne and mobile sensors and camera systems, and a robust information technology infrastructure. Our clients receive accurate, innovative geospatial and mapping solutions for commercial, governmental, and defense applications. Our ASPRS-certified photogrammetrists, FAA-certified Unmanned Aerial Systems (UAS) pilots, certified GIS professionals, Light Detecting and Ranging (LiDAR) analysts, and remote sensing and survey professionals work together to provide the latest tools and technologies to support our clients’ goals and objectives. Tetra Tech’s geomatic technologies professionals support our clients with a full suite of services—from air, land, water, and desktop. Our core products and services include:



- **Orthoimagery.** We have extensive experience in producing high-quality orthoimagery, digital camera or film-based acquisition, and satellite imagery that can be used as a basemap for both visual interpretation and engineering design.
- **LiDAR.** Our LiDAR analysts are skilled in feature extraction, analysis, and integrating data into operations. Our specialists combine photogrammetry and LiDAR, enabling modeling of optimal terrain-based products.
- **Multispectral and Hyperspectral Technology.** We use multispectral and hyperspectral imagery, which encompasses a vast portion of the electromagnetic spectrum, for agricultural, environmental, forestry, and geologic studies.
- **GIS.** Tetra Tech’s GIS capabilities include data development and analysis, data conversion and editing, programming, cartographic production, and WebGIS. Our expert knowledge includes the latest software packages such as the ESRI software suite and Open Source GIS.

- **UAS.** Our UAS-certified pilots are flying fixed wing, copter, and heavy-lift systems for aerial data acquisition. The data is often used for change detection and precision mapping products such as 3D surfaces, oblique or orthoimagery, and contour maps.
- **Mobile Mapping.** Our mobile LiDAR collects up to 2 million LiDAR data points per second, as well as simultaneous 360-degree imagery. The data is used for road condition surveys, asset management, and design engineering. Our sensors can be mounted to vehicles, vessels, or all-terrain vehicles.

Unmanned Aircraft Systems (UAS) Technology Capability

Tetra Tech is continuously working to incorporate leading-edge technology into our approach to provide our clients with innovative reporting capabilities. Evidence of this innovation in action is our disaster response team's utilization of UAS (more commonly, "drones") in a variety of applications to enhance our documentation and provide our clients with increased visibility into project scope and operations.

Our team has used UAS technology to help conduct damage assessments in communities affected by disasters. Data and imagery provided via UAS not only provides a more complete visual than photos alone, but also allows our team to survey areas that may be inaccessible after an incident. We can leverage this technology to reduce time spent accumulating ground survey data for large areas, to collect higher resolution data, and to provide real-time data capture to our clients. In addition to damage assessments, the technology is used in a similar fashion to provide increased visibility into debris removal operations and is particularly helpful for documenting parcel demolition and site remediation to better illustrate work progression throughout the course of a project. Our project teams have also used aerial imagery obtained from UAS to illustrate the progression of debris processing and removal at debris management sites.



UAS technology is especially useful in monitoring waterway disaster debris removal projects. Oftentimes, ease of accessibility can be an issue when working the length of some waterbodies. By using the data provided by UAS, our project team can assess the area and develop smart workplans. Furthermore, aerial images provided by UAS can demonstrate work progression on waterways where visibility from the shore is obscured.

Reconstruction

Reconstruction typically begins during the recovery phase as funding is awarded and disbursed to applicants. In general, reconstruction activities are those services provided by the County after funding has been awarded to ensure that grant funds are being spent in accordance with the purpose outlined in the scope of the funding documents. The ultimate goal is to ensure that the necessary documentation exists to substantiate work completed with federal grant funds. Reconstruction is divided into five tasks:

Task 1: Program Management. Tetra Tech will assist the County with program management activities to efficiently and effectively manage project implementation. The primary objective of Task 1 is to ensure that the County has the necessary tools and plans required to implement the FEMA PA and Hazard Mitigation Grant Program funds it has been awarded.

Task 2: Interim and Final Project Inspections (for Large PWs). Tetra Tech will conduct interim and final project inspections to confirm applicants are completing work, following approved scopes of work, filing proper time extensions, and receiving adequate funding. Additionally, Tetra Tech will assist applicants with the creation of closeout packets, providing audit assistance and offering PW appeal and amendment/version support. At the County's request, Tetra Tech will accommodate requests made by FEMA to develop documentation necessary for releasing progress payments based on the interim inspections.

Task 3: Regulatory Auditing. To ensure that work is conducted in compliance with federal, state, and local regulatory bodies, Tetra Tech will work with applicants to ensure that projects satisfy regulatory clearances. While the County does not

maintain primary legal responsibility for policing regulatory matters, as an applicant for federal grant funding its proceeds are contingent upon the satisfaction of such requirements. For this reason, Tetra Tech will coordinate directly with federal, state, and local regulatory officials to ensure an open dialogue and active participation by all parties.

Task 4: Appeals Support. Tetra Tech will work with FEMA and the County to proactively resolve funding challenges; applicants have the legal right to appeal decisions and judgments made by FEMA or the State if resolution cannot be reached. Part of this legal process requires that applicants submit appeals to the grantee (State of Florida) for approval and subsequent submission to the FEMA regional director. Tetra Tech will implement a systematic approach by which appeals are developed, submitted, and reviewed. In the event that a first appeal to the FEMA regional director is unsuccessful, Tetra Tech will assist the applicant with drafting the second appeal for submission to the national director of recovery.

Task 5: Long-Term Community Recovery Planning. Due to the devastation that a hurricane or tropical storm can have on the area, the County and its local partners may wish to engage the FEMA Emergency Support Function (ESF) #14 Team – Long-Term Community Recovery. The ESF #14 Team can be deployed to those areas with catastrophic damage in an effort to effectively rebuild and recover from the disaster. ESF #14 planning efforts identify future initiatives (green building), economic revitalization (downtown redevelopment), and funding sources (private and public grants).

<u>POSITIONS</u>	<u>HOURLY RATE</u>	<u>HOURS</u>	<u>TOTAL</u>
Project Manager	\$ <u>72.00</u>	120	<u>\$8,640.00</u>
Operations Manager	\$ <u>35.00</u>	960	<u>\$33,600.00</u>
Data Manager	\$ <u>59.00</u>	100	<u>\$5,900.00</u>
GIS Analyst	\$ <u>30.00</u>	100	<u>\$3,000.00</u>
Field Supervisor	\$ <u>43.00</u>	400	<u>\$17,200.00</u>
Debris Site/Tower Monitors	\$ <u>32.00</u>	2000	<u>\$64,000.00</u>
Collection Monitor	\$ <u>32.00</u>	8600	<u>\$275,200.00</u>
Data Entry Clerk/Clerical	\$ <u>20.00</u>	100	<u>\$2,000.00</u>
Billing/Invoice Analyst	\$ <u>45.00</u>	100	<u>\$4,500.00</u>
FEMA Compliance & Cost Reimb. Manager/Expert	\$ <u>100.00</u>	100	<u>\$10,000.00</u>
Customer Service Personnel	\$ <u>28.00</u>	200	<u>\$5,600.00</u>



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

BID SUBMISSION CHECKLIST

RFP 21-039 Disaster Debris Monitoring and Support Management

Contractor Name: Tetra Tech, Inc.

- Sealed Bid Package with Bid Name and Number, Firm name and Address with Contact information clearly marked on the outside of envelope/box.
- 1 Original Bid Package and 1 Copy with 1 Electronic Copy in .pdf on a CD or USB Drive
- Bid Submittal Checklist attached to top of Original Bid Package
- Bid Form
- Cone of Silence
- Sworn Statement Public Entity Crimes
- Debarment Form
- References Form
- Conflict of Interest Form
- Copy of current Required Insurance declaration page with Santa Rosa County named interest, or, Letter of Insurability from Carrier stating that the levels of coverage will be obtained.
- Proof of business registration with the state of Florida
- Proof of registration with the Federal System of Award Management (SAM)

All required documentation submitted must be updated with most current and complete information from date of bid opening) including notarizations where required. Failure to submit all required forms may result in your submittal being deemed non-responsive. **ATTACH THIS PAGE TO THE TOP OF YOUR BID SUBMISSION**

Firm: Tetra Tech, Inc.

By: Jonathan Burgiel

Signature: (Print) Jonathan Burgiel

Title: Business Unit President

Date: June 22, 2021



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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CONE OF SILENCE FORM

SRC Procurement Form COS 013_01_091619

The Board of County Commissioners have established a solicitation silence policy (Cone of Silence) that prohibits oral and written communication regarding all formal solicitations for goods and services (ITB, RFP, ITQ, ITN, and RFQ) or other competitive solicitation between the bidder (or its agents or representatives) or other entity with the potential for a financial interest in the award (or their respective agents or representatives) regarding such competitive solicitation, and any County Commissioner or County employee, selection committee member or other persons authorized to act on behalf of the Board including the County's Architect, Engineer or their sub-consultants, or anyone designated to provide a recommendation to award a particular contract, other than the Procurement Department Staff.

The period commences from the time of advertisement until contract award.

Any information thought to affect the committee or staff recommendation submitted after bids are due, should be directed to the Procurement Officer or an appointed representative. It shall be the Procurement Officers decision whether to consider this information in the decision process.

Any violation of this policy shall be grounds to disqualify the respondent from consideration during the selection process.

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

I, Jonathan Burgiel representing Tetra Tech, Inc.

(Print)

(Company)

On this 22nd day of June 2020 hereby agree to abide by the County's "Cone of Silence" clause and understand violation of this policy shall result in disqualification of my proposal/submittal.



(Signature)



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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SWORN STATEMENT UNDER SETION 287.133 (3) (A) FLORIDA STATUTE ON PUBLIC ENTITY CRIMES

SRC Procurement Form SSPEC 016 01 091619

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Proposal or Contract for: _____
RFP 21-039 Disaster Debris Monitoring and Support Management
2. This sworn statement is submitted by, Tetra Tech, Inc., whose business address is, 2301 Lucien Way, Suite 120, Maitland, FL 32751, and (if applicable) Federal Employer Identification Number (FEIN) is 95-4148514 (if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).
3. My name is Jonathan Burgiel and my relationship to the entity named above is Business Unit President (title).
4. I understand that a "public entity crime" as defined in paragraph 287.133 (1) (g) Florida Statute, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States including, but not limited to , any bid or contract for goods or services to be provided to any public entity or any agency or public subdivision of any other state or of the United States and involved antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentation.
5. I understand that "convicted" or "convicted" as defined in paragraph 287.133 (1) (b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime with or without an adjudication of guilt, in any federal or state trial court of records relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287 .133 (1) (a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one of shares constituting a controlling income among persons when not for fair interest in another person, or a pooling of equipment or income among persons when not for fair market value under an length agreement, shall be a prima facie case that one person controls another person. A person who knowingly convicted of a public entity crime, in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in paragraph 287 .133 (1) (e), Florida Statutes, means any natural person or entity organized under the laws of the state or of the United States with the legal power to enter into a binding contract provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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8. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies)

- Neither the entity submitting this sworn statement, nor any officers, directors, executive, partners, shareholders, employees, member, or agents who are active in management of the entity, nor affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.
- The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989 And (please attach a copy of the final order)
- The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)
- The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the department of General Services)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM

Jonathan Burgiel

Name

Signature

June 22, 2021

Date

PERSONALLY APPEARED BEFORE ME, the undersigned authority, who, after first being sworn by me, affixed his/her signature at the space provided above on this day of June, 2021, and is personally known to me, or has provided (personally known) as identification.

STATE OF FLORIDA

COUNTY OF: Orange

My Commission expires: 5/10/2022

Notary Public





SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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DEBARMENT FORM

SRC Procurement Form Debar 022_00_082719

Certification Regarding Debarment, Suspension, And Other Responsibility Matters

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or Local) terminated for cause or default.

2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name: Jonathan Burgiel Title: Business Unit President

Signature: 

Firm: Tetra Tech, Inc.

Street Address: 2301 Lucien Way, Suite 120

City: Maitland

State: FL Zip Code: 32751

Solicitation Name Disaster Debris Monitoring and Support Management # XX-XXX 21-039



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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REFERENCES FORM

SRC Procurement Form Memo 024_00_082719

List work which best illustrates current qualifications relevant to this solicitation accomplished by personnel that will be assigned to the County's project. List at least three but no more than five (5) projects. (This form may be reproduced.)

YOUR FIRMS NAME Tetra Tech, Inc.
PROPOSAL POINT OF CONTACT Marina Armanious PHONE 321-441-8511
EMAIL TDR.contracts@tetrattech.com

REFERENCE I.

PROJECT NAME: Hurricane Sally Disaster Debris Monitoring Services
AGENCY: City of Pensacola, Florida
ADDRESS: 2759 North Palafox Street
CITY, STATE, ZIP CODE: Pensacola, FL 32501
CONTACT PERSON: John Pittman
TITLE: Sanitation Director
EMAIL: JPittman@cityofpensacola.com
TELEPHONE: 850-860-2334
PROJECT COST: \$1,109,949
COMPLETION DATE: December 12, 2020

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

Tetra Tech monitored the collection of more than 574,000 cubic yards and over 4,500 hanging tree limbs.
Additional information is included in Section 2: Experience.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Chuck McLendon (Client Liaison), Matt Mooneyham (Project Manager)



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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REFERENCE II.

PROJECT NAME: Hurricanes Matthew and Irma Disaster Debris Monitoring

AGENCY: St. Johns County, Florida

ADDRESS: 2740 Industry Center Rd.

CITY, STATE, ZIP CODE: St. Augustine, FL 32084

CONTACT PERSON: Greg Caldwell, MPA

TITLE: Public Works Director

EMAIL: gcaldwell@sjcfl.us

TELEPHONE: (904) 209-0132

PROJECT COST: \$1,303,000 (Matthew), \$2,072,404 (Irma)

COMPLETION DATE: March 20, 2017 (Matthew), January 20, 2018 (Irma)

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

Following Matthew, Our team monitored the removal of over 720,000 cubic yards of debris and 800 hazardous limbs and leaning trees. Our team monitored the removal of nearly 675,000 CYs of debris as a result of Hurricane Irma. Additional information is included in Section 2: Experience.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Chuck McLendon (Regional Manager)

REFERENCE III.

PROJECT NAME: Hurricane Sally Disaster Debris Monitoring Services

AGENCY: Baldwin County, Alabama

ADDRESS: 22251 Palmer Street

CITY, STATE, ZIP CODE: Robertsdale, AL 36567

CONTACT PERSON: Terri Graham

TITLE: Development & Environmental Director

EMAIL: TGraham@baldwincountyal.gov

TELEPHONE: (251) 972-6878

PROJECT COST: \$6,910,848

COMPLETION DATE: April 7, 2021

SCOPE of Project (list tasks, attach samples of deliverables, outlines or descriptions of items:
(You may attach information to this form)

Monitored the removal of over 4,425,280 cubic yards of debris, 39,469 hanging tree limbs, and 5,887 hazardous trees. Additional information is included in Section 2: Experience.

List key personnel assigned to this project that will work on the County project (include assignments. You may attach information to this form):

Chuck McLendon (Regional Manager)



SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

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CONFLICT OF INTEREST DISCLOSURE FORM

SRC Procurement Form COS 027_00_091319

For purposes of determining any possible conflict of interest, all respondents, must disclose if any Santa Rosa Board of County Commissioner, employee(s), elected officials(s), or if any of its agencies is also an owner, corporate officer, agency, employee, etc., of their business.

Indicate either "yes" (a county employee, elected official, or agency is also associated with your business), or "no". If yes, give person(s) name(s) and position(s) with your business.

Yes: _____ No: X

Name(s)

Position(s)

All respondents must agree to comply with this policy by signing the following statement and including it with their submittal.

FIRM NAME: Tetra Tech, Inc.

BY (PRINTED): Jonathan Burgiel

BY (SIGNATURE): 

TITLE: Business Unit President

ADDRESS: 2301 Lucien Way, Suite 120 State FL Zip Code 32751

PHONE NO: 321-441-8511

E-MAIL: TDR.mktg@tetrattech.com

Date: June 22, 2021



CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
06/21/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Insurance Services West, Inc. Los Angeles CA Office 707 Wilshire Boulevard Suite 2600 Los Angeles CA 90017-0460 USA		CONTACT NAME: PHONE (A/C. No. Ext): (866) 283-7122 FAX (A/C. No.): (800) 363-0105 E-MAIL ADDRESS:																						
INSURED Tetra Tech, Inc. 2301 Lucien Way, Suite 120 Maitland, FL 32751		<table border="1"> <thead> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A:</td> <td>Lexington Insurance Company</td> <td>19437</td> </tr> <tr> <td>INSURER B:</td> <td>Zurich American Insurance Company</td> <td>16535</td> </tr> <tr> <td>INSURER C:</td> <td></td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Lexington Insurance Company	19437	INSURER B:	Zurich American Insurance Company	16535	INSURER C:			INSURER D:			INSURER E:			INSURER F:		
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INSURER C:																								
INSURER D:																								
INSURER E:																								
INSURER F:																								

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

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. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU, Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		GL01817406-02	10/01/2020	10/01/2021	EACH OCCURRENCE	\$2,000,000
						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
						MED EXP (Any one person)	\$10,000
						PERSONAL & ADV INJURY	\$2,000,000
						GENERAL AGGREGATE	\$4,000,000
						PRODUCTS - COMP/OP AGG	\$4,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		BAP1857085-02	10/01/2020	10/01/2021	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
						BODILY INJURY (Per person)	
						BODILY INJURY (Per accident)	
						PROPERTY DAMAGE (Per accident)	
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION					EACH OCCURRENCE	
						AGGREGATE	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	WC2540616-02 WC1857087-02	10/01/2020 10/01/2020	10/01/2021 10/01/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
		N/A				E.L. EACH ACCIDENT	\$1,000,000
						E.L. DISEASE-EA EMPLOYEE	\$1,000,000
						E.L. DISEASE-POLICY LIMIT	\$1,000,000
A	Professional Liability		028182375 Prof/Poll Liab SIR applies per policy terms & conditions	10/01/2019	10/01/2021	Each Claim Aggregate	\$1,000,000 \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Reference: RFP 21-039 Disaster Debris Monitoring and Support Management
 Santa Rosa County is included as additional insured on a primary and non-contributory basis in accordance with the Commercial General Liability and Automobile Liability policies. Includes 30 days prior written notice of cancellation (except 10 days for non-payment of premium) to Santa Rosa County.

CERTIFICATE HOLDER**CANCELLATION**

Santa Rosa County
 6495 Caroline Street, Suite L
 Milton, FL 32750

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Aon Risk Insurance Services West, Inc.



Additional Insured – Owners, Lessees Or Contractors – Ongoing Operations – Scheduled

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO 1817406-02	10/01/2020	10/01/2021	10/01/2020	75272000	N/A	N/A

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

SCHEDULE

Name of Person or Organization:	Location and Description of Ongoing Operations:	Additional Premium:
Any person or organization to whom or to which you are required to provide additional insured status in a written contract or written agreement executed prior to the loss, except where such contract or agreement is prohibited by law.	Any location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidate insurance program.	N/A

A. Section II – Who Is An Insured is amended to include as an insured any person or organization shown in the Schedule of this endorsement, but only with respect to liability arising out of your ongoing operations performed for that insured at or from the corresponding location designated and described in the Schedule.

However, if you have entered into a construction contract with an additional insured person or organization shown in the Schedule of this endorsement, the insurance afforded to such additional insured only applies to the extent permitted by law.

B. With respect to the insurance afforded to any additional insured shown in the Schedule of this endorsement, the following additional exclusion applies:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

All other terms and conditions of this policy remain unchanged.



ZURICH[®]

Additional Insured – Owners, Lessees Or Contractors – Completed Operations – Scheduled

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO 1817406-02	10/01/2020	10/01/2021	10/01/2020	75272000	N/A	N/A

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

SCHEDULE

Name of Person or Organization:	Location and Description of Completed Operations:	Additional Premium:
Any person or organization to whom or to which you are required to provide additional insured status in a written contract or written agreement executed prior to the loss, except where such contract or agreement is prohibited by law.	Any location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidate insurance program.	N/A

Section II – Who Is An Insured is amended to include as an insured any person or organization shown in the Schedule of this endorsement, but only with respect to liability arising out of "your work" at or from the corresponding location designated and described in the Schedule performed for that insured and included in the "products-completed operations hazard".

However, if you have entered into a construction contract with an additional insured person or organization shown in the Schedule of this endorsement, the insurance afforded to such additional insured only applies to the extent permitted by law.

All other terms and conditions of this policy remain unchanged.

Other Insurance Amendment – Primary And Non-Contributory



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO 1817406-02	10/01/2020	10/01/2021	10/01/2020	75272000	N/A	N/A

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Named Insured:

Address (including ZIP Code):

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

1. The following paragraph is added to the Other Insurance Condition of Section **IV – Commercial General Liability Conditions**:

This insurance is primary insurance to and will not seek contribution from any other insurance available to an additional insured under this policy provided that:

- a. The additional insured is a Named Insured under such other insurance; and
 - b. You are required by a written contract or written agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.
2. The following paragraph is added to Paragraph **4.b.** of the Other Insurance Condition of Section **IV – Commercial General Liability Conditions**:

This insurance is excess over:

Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by written contract or written agreement to provide coverage to the additional insured on a primary and non-contributory basis.

All other terms and conditions of this policy remain unchanged.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured:

Endorsement Effective Date:

SCHEDULE

Name Of Person(s) Or Organization(s):

ANY PERSON OR ORGANIZATION TO WHOM OR WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS OR ADDITIONAL INSURED STATUS ON A PRIMARY, NON-CONTRIBUTORY BASIS, IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO LOSS, EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by FEI/EIN Number](#) /

Detail by FEI/EIN Number

Foreign Profit Corporation
TETRA TECH, INC.

Filing Information

Document Number	P19034
FEI/EIN Number	95-4148514
Date Filed	04/28/1988
State	DE
Status	ACTIVE
Last Event	CORPORATE MERGER
Event Date Filed	12/30/2003
Event Effective Date	01/02/2004

Principal Address

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Changed: 07/14/2003

Mailing Address

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Changed: 07/14/2003

Registered Agent Name & Address

CT CORPORATION SYSTEM
1200 S. PINE ISLAND ROAD
PLANTATION, FL 33324

Name Changed: 03/18/1992

Address Changed: 03/18/1992

Officer/Director Detail

Name & Address

Title Senior Vice President, Chief Engineer

BROWNLIE, WILLIAM R
3475 E. Foothill Blvd.
Pasadena, CA 91107

Title Senior Vice President, Corporate Administration

LEMMON, RICHARD A
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Executive Vice President, CFO and Assistant Secretary

BURDICK, STEVEN M
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Chairman of the Board, CEO

Batrack, Dan L.
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Senior Vice President, Chief Information Officer

Christensen, Craig L
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title President

Shoemaker, Leslie L
3475 E. Foothill Blvd.
Pasadena, CA 91107

Title Senior Vice President, Corporate Controller

Carter, Brian N
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Lewis, J. Christopher
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Haden, Patrick C
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Thompson, J. Kenneth

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Ritrievi, Kimberly E
3475 E FOOTHILL BLVD
PASADENA, CA 91107

Title Director

Volpi, Kirsten M
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title SVP

BIAGI , JAMES Q, Jr.
4967 U.S. Hwy 42
Ste. 210
Louisville, KY 40222

Title Director

Maguire, Joanne M.
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Senior Vice President and President of the Client Account Management Division and Commercial/International Services Group

Amidon, Derek G
4750 W. 2100 South
Ste. 400
Salt Lake City, UT 84120

Title Senior Vice President, President of the Government Services Group and President of the United States Government Division

Argus, Roger R.
1230 Columbia Street
Suite 1000
San Diego, CA 92101

Title Senior Vice President and President of the Canada and South America Division

Teufele, Bernard
14940 123 Avenue
Edmonton, AB T5V 1B4 CA

Title Secretary

Hopson, Preston

3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title VPFS

JENKINS, LAWRENCE E
201 E. PINE ST.
ORLANDO, FL 32801

Title Director

Birkenbeuel, Gary R.
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title SVP, Enterprise Risk Management

O'Rourke, Brendan
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title SVP and President of the Resilient and Sustainable Infrastructure Division

Rynning, Mark A.
201 E. Pine Street
Suite 1000
Orlando, FL 32801

Title Treasurer

Wu, Jim
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Annual Reports

Report Year	Filed Date
2019	01/02/2019
2020	01/02/2020
2021	01/04/2021

Document Images

01/04/2021 -- ANNUAL REPORT	View image in PDF format
01/02/2020 -- ANNUAL REPORT	View image in PDF format
01/02/2019 -- ANNUAL REPORT	View image in PDF format
05/18/2018 -- AMENDED ANNUAL REPORT	View image in PDF format
01/03/2018 -- ANNUAL REPORT	View image in PDF format
11/21/2017 -- AMENDED ANNUAL REPORT	View image in PDF format
01/05/2017 -- ANNUAL REPORT	View image in PDF format
01/12/2016 -- ANNUAL REPORT	View image in PDF format
01/07/2015 -- ANNUAL REPORT	View image in PDF format

04/24/2014 -- AMENDED ANNUAL REPORT	View image in PDF format
01/10/2014 -- ANNUAL REPORT	View image in PDF format
01/03/2013 -- ANNUAL REPORT	View image in PDF format
02/09/2012 -- ANNUAL REPORT	View image in PDF format
01/18/2012 -- ANNUAL REPORT	View image in PDF format
02/15/2011 -- ANNUAL REPORT	View image in PDF format
01/29/2011 -- ANNUAL REPORT	View image in PDF format
01/28/2010 -- ANNUAL REPORT	View image in PDF format
01/14/2009 -- ANNUAL REPORT	View image in PDF format
02/15/2008 -- ANNUAL REPORT	View image in PDF format
03/12/2007 -- ANNUAL REPORT	View image in PDF format
02/08/2006 -- ANNUAL REPORT	View image in PDF format
02/23/2005 -- ANNUAL REPORT	View image in PDF format
01/31/2005 -- ANNUAL REPORT	View image in PDF format
05/13/2004 -- ANNUAL REPORT	View image in PDF format
05/05/2004 -- ANNUAL REPORT	View image in PDF format
03/01/2004 -- ANNUAL REPORT	View image in PDF format
12/30/2003 -- Merger	View image in PDF format
07/14/2003 -- ANNUAL REPORT	View image in PDF format
03/03/2002 -- ANNUAL REPORT	View image in PDF format
05/15/2001 -- ANNUAL REPORT	View image in PDF format
05/04/2000 -- ANNUAL REPORT	View image in PDF format
04/07/1999 -- ANNUAL REPORT	View image in PDF format
07/29/1998 -- ANNUAL REPORT	View image in PDF format
04/09/1997 -- ANNUAL REPORT	View image in PDF format
02/09/1996 -- ANNUAL REPORT	View image in PDF format
04/14/1995 -- ANNUAL REPORT	View image in PDF format

State of Florida

Department of State

I certify from the records of this office that TETRA TECH, INC. is a Delaware corporation authorized to transact business in the State of Florida, qualified on April 28, 1988.

The document number of this corporation is P19034.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 4, 2021, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourth day of January, 2021*



Randy Bee
Secretary of State

Tracking Number: 1380301146CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

TETRA TECH, INC.

DUNS Unique Entity ID 080106449	SAM Unique Entity ID E3QKBMJ7H9K7	CAGE / NCAGE OYEM5
Purpose of Registration All Awards	Expiration Date Aug 12, 2021	Registration Status Active
Physical Address 1 S Wacker DR STE 3700 Chicago, Illinois 60606 United States	Mailing Address 1 S Wacker DR STE 3700 Chicago, Illinois 60606 United States	

Business Information

Doing Business as (blank)	Division Name Tetra Tech, Inc. - Emi	Division Number (blank)
Congressional District Illinois 07	State / Country of Incorporation Delaware / United States	URL WWW.Tetratech.com

Registration Dates

Activation Date Aug 12, 2020	Submission Date Aug 12, 2020	Initial Registration Date Jan 30, 2017
--	--	--

Entity Dates

Entity Start Date Feb 5, 1980	Fiscal Year End Close Date Sep 30
---	---

Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

Proceedings Questions

Registrants in the System for Award Management (SAM) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2.C.F.R. 200 Appendix XII. Their responses are not displayed in SAM. They are sent to FAPIIS.gov for display as applicable. Maintaining an active registration in SAM demonstrates the registrant responded to the proceedings questions.

SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

Yes

Entity Types

Business Types

Entity Structure Corporate Entity (Not Tax Exempt)	Entity Type Business or Organization	Organization Factors (blank)
Profit Structure For Profit Organization		

Government Types

(blank)

Financial Information

Points of Contact

Electronic Business

♀
Pat Izzo

1 S Wacker Drive STE 3700
Chicago, Illinois 60606
United States

Government Business

♀
Jack Brunner

1 S Wacker Drive STE 3700
Chicago, Illinois 60606
United States

Past Performance

♀
Ed Schuessler

1 S Wacker Drive STE 3700
Chicago, Illinois 60606
United States

Service Classifications

NAICS Codes

Primary
Yes

NAICS Codes

541620

541330

541611

541618

541690

562910

924110

NAICS Title

Environmental Consulting Services

Engineering Services

Administrative Management And General Management Consulting Services

Other Management Consulting Services

Other Scientific And Technical Consulting Services

Remediation Services

Administration Of Air And Water Resource And Solid Waste Management Programs

Disaster Response

Yes, this entity appears in the disaster response registry.

States
Any

Counties
(blank)

Metropolitan Statistical Areas
(blank)




SANTA ROSA COUNTY PROCUREMENT DEPARTMENT

6495 Caroline Street, Suite L | Milton, Florida 32570 850-983-1870 procurement@santarosa.fl.gov

13. I would like to request the bid proposals of the vendors who submitted bids on ITB 18-039 Disaster Debris Removal. **Please see link below to view vendor submittals.**

https://santarosacofl-my.sharepoint.com/:f:/g/personal/brandyk_santarosa_fl_gov/EnpdEao4vE1Ao0IZe8SM1LsB8NcStaa7DSOoHseoXIFJGQ?e=FRKflc

This Addendum is furnished to all known prospective Proposers. **Please sign and include one copy of this Addendum, with original signature, with your proposal as an acknowledgement of your having received same.**

NAME/TITLE: Jonathan Burgiel, Business Unit President SIGNATURE: 
COMPANY: Tetra Tech, Inc. DATE: June 22, 2021

See Attached "Updated Fee Schedule"

Attachment "B"
Insurance Requirements

**Santa Rosa County
Insurance Requirements
March 2021**

Workers' Compensation – meet statutory limits in compliance with the Workers Compensation Laws of Florida. This policy must include Employer Liability with a limit of \$100,000 for each accident, \$500,000 disease policy limit and \$100,000 disease each employee limit.

Commercial General Liability – coverage shall provide minimum limits of liability of \$1,000,000 per occurrence, \$2,000,000 Aggregate, for bodily injury and property damage. This shall include coverage for:

- a. Premises/operations
- b. Products/complete operations
- c. Contractual liability
- d. Independent contractors

Business Auto Liability – coverage shall provide minimum limits \$500,000. Combined Single Limit for bodily injury and property damage. If Split limit coverage is provided Limits of **1,000,000** per person/**1,000,000** per accident and **1,000,000** for property damage are required. This shall include coverage for:

- a. Owned autos
- b. Hired autos
- c. Non-owned autos

Special Requirements:

1) Prior to execution of a contract or agreement, certificates of insurance will be produced that shall provide for the following:

- a. Santa Rosa County shall be named as an additional insured on all coverages except workers' compensation.
- b. Santa Rosa County will be given thirty (30) days' notice prior to cancellation or modification of any stipulated insurance.

2) It is the responsibility of the contractor to ensure that all subcontractors comply with all insurance requirements.

3) It should be noted that these are minimum requirements which are subject to modification in response to specialized or high hazard operations. In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

**Attachment “C”
Civil Rights Clauses**

Attachment “C”

Title VI List of Pertinent Nondiscrimination Acts and Authorities

During the performance of this Agreement, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor”), as applicable, agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
 - 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
 - The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
 - Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
 - The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
 - Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);
 - The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
 - Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
 - The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
 - Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
 - Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
 - Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 *et seq.*)
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Attachment "D"
Scrutinized Contractors Certificate

VENDORS ON SCRUTINIZED COMPANIES LISTS

By executing this Certificate, the bid proposer, certifies that it is not: (1) listed on the Scrutinized Companies that Boycott Israel List, created pursuant to section 215.4725, Florida Statutes, (2) engaged in a boycott of Israel, (3) listed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to section 215.473, Florida Statutes, or (4) engaged in business operations in Cuba or Syria. Pursuant to section 287.135(5), Florida Statutes, the County may disqualify the bid proper immediately or immediately terminate any agreement entered into for cause if the bid proposer is found to have submitted a false certification as to the above or if the Contractor is placed on the Scrutinized Companies that Boycott Israel List, is engaged in a boycott of Israel, has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, during the term of the Agreement. If the County determines that the bid proposer has submitted a false certification, the County will provide written notice to the bid proposer. Unless the bid proposer demonstrates in writing, within 90 calendar days of receipt of the notice, that the County's determination of false certification was made in error, the County shall bring a civil action against the bid proposer. If the County's determination is upheld, a civil penalty shall apply, and the bid proposer will be ineligible to bid on any Agreement with a Florida agency or local governmental entity for three years after the date of County's determination of false certification by bid proposer.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

DATE: July 7, 2021

COMPANY: Tetra Tech, Inc.

ADDRESS: 2301 Lucien Way

Suite 120

Maitland, FL 32751

PHONE NO.: 407-803-2551

SIGNATURE: 

NAME: Jonathan Burgiel
(Typed or Printed)

TITLE: Business Unit President

E-MAIL: TDR.Contracts@tetrattech.com

**Attachment “E”
Special Conditions
Additional Federal Requirements**

Special Conditions
Federal Requirements
Over \$150,000.00 w/Work Safety

When applicable, the following special conditions may apply to the Agreement and are incorporated herein by reference:

Clean Air Act (42 U.S.C. 7401-7671q.) and Federal Water Pollution Control Act (33 U.S.C. 1251-1387) Contractor agrees to comply with all applicable standards, orders, and regulations issued pursuant to the Clean Air Act (42 USC § 740-7671q) and the Federal Water Pollution Control Act as amended (33 USC § 1251-1387). The Contractor agrees to report any violation to the Owner immediately upon discovery. The County assumes responsibility for notifying the Environmental Protection Agency (EPA).

Contractor must include this requirement in all subcontracts that exceeds \$150,000.

Byrd Anti Lobbying Amendment (31 U.S. C. 1352). The Certification regarding Lobbying executed by Contractor and attached as part of Attachment “A” to the Agreement is hereby acknowledged and made part of the Agreement by reference.

Work Hour and Safety Standards (40 U.S.C. 3701-3708). The Certification regarding Work Hours and Safety Standards executed by Contractor and attached as part of Attachment “A” to the Agreement is hereby acknowledged and made part of the Agreement by reference.

Equal Employment Opportunity (2 CFR Part 200, Appendix II(C); 41 CFR § 61-1.4; 41 CFR 61-4.3; Executive Order 11246). During the performance of this contract, the Contractor agrees as follows:

- (1) 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, sexual orientation, gender identify, 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.
 - (2) 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.
 - (3) The Contractor will send to each labor union or representative of workers with which it 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
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this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) 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.

(5) 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.

(6) 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 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.

(7) 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.

Davis-Bacon Act (2 CFR Part 200; 29 CFR Part 5).

1. Minimum Wages.

(i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalent thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided* that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under (1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can easily be seen by the workers.

(ii)(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination;
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the Contractor, the laborers, or mechanics to be employed in the classification, or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The

Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(ii) (B) or (C) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program: *Provided* that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding.

The County 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 under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of work, all or part of the wages required by the contract, may, after written notice to the Contractor, County, Applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and Basic Records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in 1(b)(2)(B) of the Davis-Bacon Act); daily and

weekly number of hours worked; deductions made; and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records that show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and that show the costs anticipated or the actual costs incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit the payrolls to the applicant, County, or Owner, as the case may be, for transmission. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (*e.g.* the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at www.dol.gov/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker and shall provide them upon request to the agency if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit them to the applicant, County, or Owner, as the case may be, for transmission to the agency, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the County or government agency (or the applicant, County, or Owner).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) The payroll for the payroll period contains the information required to be provided under 29 CFR § 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR § 5.5 (a)(3)(i), and that such information is correct and complete;

(2) Each laborer and mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate,

either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations 29 CFR Part 3;

(3) Each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under paragraph (3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the County, or the Department of Labor and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, County, applicant, or Owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and Trainees.

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing

construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination that provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate that is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal Employment Opportunity. The utilization of apprentices, trainees, and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act Requirements.

The Contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this contract.

6. Subcontracts.

The Contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR Part 5.5(a)(1) through (10) and such other clauses as 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 the contract clauses in 29 CFR Part 5.5.

7. Contract Termination: Debarment.

A breach of the contract clauses in paragraph 1 through 10 of this section may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements.

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes Concerning Labor Standards.

Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of Eligibility.

(i) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 USC 1001.
