

Leading with Science®

Proposal for RFP No. RFP-EM2024-001
Disaster Debris
Monitoring Services
Franklin County, Florida

Copy | August 2024

Table of Contents

| | |
|--|----|
| Table of Contents | 1 |
| Tab A – Statement of Interest and Introduction | 2 |
| Tab B – Experience..... | 6 |
| Tab C – Financial Information..... | 31 |
| Tab D – References..... | 33 |
| Tab E – Proposal Matrix..... | 38 |
| Tab F – Licenses..... | 48 |
| Tab G – Insurance..... | 49 |
| Tab H – Required Documents..... | 50 |

Tab A – Statement of Interest and Introduction



Franklin County Clerk of Courts
Attn: Michele Maxwell
33 Market Street, Suite 203
Apalachicola, FL 32320

August 5, 2024

Subject: Disaster Debris Monitoring Services RFP No.: EM2024-001

Dear Ms. Maxwell and Members of the Evaluation Committee,

Tetra Tech, Inc. (Tetra Tech) submits the enclosed proposal in response to Franklin County's (County) request for proposals for Disaster Debris Monitoring Services RFP. Our proposal describes our technical expertise in disaster debris management and our approach to delivering unmatched services to the County:

- **National Leadership in Debris Monitoring.** Our team has successfully assisted **over 300 local and state government clients** with planning for and recovering from disasters. With extensive experience successfully managing multiple disaster response and recovery operations across the U.S. simultaneously, we have overseen and managed the removal of **over 179 million cubic yards (CYs) of debris**, resulting in more than **\$51 billion in reimbursable costs** to our clients. We have served as the ground-zero debris monitoring consultant for hundreds of clients affected by our nation's most catastrophic natural disasters, including Hurricanes Laura, Sally, Michael, Irma, Matthew, Florence, and Harvey; over a dozen wildfires; and numerous severe storm, tornado, and flooding events.
- **Deeply Experienced Project Management Team.** The team of disaster debris experts who were specifically selected for this engagement were chosen based on their experience, programmatic expertise, and availability to respond to County's needs. Leading the Tetra Tech Disaster Recovery division is **Mr. Jonathan Burgiel, a 35-year veteran of the industry who is a leading expert in disaster debris monitoring and Federal Emergency Management Agency (FEMA) reimbursement.** Additionally proposed project manager Katie Taylor is an expert in large-scale mobilizations, project staffing, and debris monitoring operations, and has extensive experience in disaster debris project management support under the FEMA Public Assistance (PA) Grant Program.
- **Extensive Experience Throughout the State of Florida and Franklin County.** Since 2004, our team has **monitored the collection and removal of nearly 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, Sally, Ian, Nicole, and most recently, Idalia. **Our experience includes response to Franklin County, following Hurricane Michael in 2018, where our team monitored the removal of more than 126,000 CYs of debris throughout the County.** Following severe storms and tornadoes that affected Leon County and the City of Tallahassee in May 2024, Tetra Tech leapt to action. In addition, our team has assisted communities after a variety of other disasters, including tropical storms, tornadoes, fires, and floods. Tetra Tech is proud of our experience in Florida and is committed to successfully managing all phases of debris monitoring for our clients after a debris-generating event. **We have over 1,100 staff across 22 offices throughout Florida, including our Response and Recovery Division headquarters in Maitland.** Tetra Tech is available to the County before, during, and after a disaster.
- **Proprietary, Best-in-Class Automated Debris Management System (ADMS) Technology.** Via *RecoveryTrac™* ADMS, our staff can monitor and manage a recovery effort electronically, increasing productivity while decreasing fraud, human error, and cost to County. *RecoveryTrac™* ADMS enables real-time collection data and furnishes

We are proud to be trusted by the County as its incumbent debris monitoring services provider and proven long-term partner in disaster response and recovery. We renew our commitment to provide swift, dedicated, and compliant service, as we have in prior activations following Hurricane Michael.



accurate and timely reporting to County stakeholders. **RecoveryTrac™ ADMS has been validated by the United States Army Corps of Engineers (USACE)** twice (in 2015 and 2023) and is the ADMS preferred by USACE debris contractors.

- **Program Operations with Efficiency and Speed in Mind.** Tetra Tech has developed a time-tested approach to quickly identify and resolve issues that arise during a federal grant project. Our team utilizes this adapted business model to deliver service, engage with clients, and deliver metrics-oriented results. Tetra Tech has progressively improved this approach over the last several years when performing projects for the States of New York/New Jersey (Hurricane Sandy), Richland County, SC (2015 Floods), Louisiana (2016 Floods), North Carolina (Hurricane Matthew), Florida (Hurricane Irma), and Texas (Hurricane Harvey). Tetra Tech's innovative use of technology has resulted in streamlining many processes, which have resulted in reduced delivery timeframes. We commit to helping the County recover costs quickly and efficiently.
- **Cost-effective Solution for Recovering Communities.** Our team of disaster recovery experts remains on the forefront of the debris monitoring industry, and we are committed to providing the latest technological advancements, which increase efficiency and result in significant cost savings to our clients. **Tetra Tech provides the best value by arming recovering communities with unmatched expertise and reasonably priced hourly rates thanks to advancements in our proprietary ADMS technological capabilities.**

For questions regarding this response, please contact the representatives 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. Ralph Natale*
2301 Lucien Way, Suite 120, Maitland, FL 32751
Phone: 407-803-2551 | Fax: 321-441-8501
ralph.natale@tetrattech.com

Contractual Representative: *Ms. Betty Kamara*
2301 Lucien Way, Suite 120, Maitland, FL 32751
Phone: 407-803-2551 | Fax: 321-441-8501
TDR.contracts@tetrattech.com

Sincerely,

Tetra Tech, Inc.

A handwritten signature in blue ink that reads 'Jonathan Burgiel'.

Jonathan Burgiel

Business Unit President – Tetra Tech Disaster Recovery

Tab B – Experience

Tetra Tech is a leading provider of consulting, engineering, environmental, 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; environmental services, 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. We are a global company with over 28,000 employees that is *Leading with Science*[®] to provide innovative solutions to complex problems for our public and private clients.

| | | | | | |
|--|--|--|---|--------------------------------------|---|
| <p>90+ MAJOR DISASTERS RESPONSES</p> | <p>25 YEARS IN DISASTER RECOVERY</p> | <p>179M CUBIC YARDS OF DEBRIS MONITORED</p> | <p>\$51B REIMBURSED TO CLIENTS</p> | | |
| <p>WORKS IN 100+ COUNTRIES</p> <p>7 CONTINENTS</p> | <p>\$5 billion ANNUAL REVENUE</p> | | <p>28,000 ASSOCIATES</p> | | |
| <p>Publicly traded on NASDAQ as</p> <p>TTEK Nasdaq</p> | <p>WORKS ON 100,000 PROJECTS ANNUALLY</p> | <p>550 OFFICES WORLDWIDE</p> | <p>20,000 CLIENTS</p> | | |
| <p>ENR RANKINGS</p> | <p>#1 Environmental Management</p> | <p>#2 Solid Waste</p> | <p>#1 Water</p> | <p>#3 Hazardous Waste</p> | <p>#1 Site Assessment and Compliance</p> |

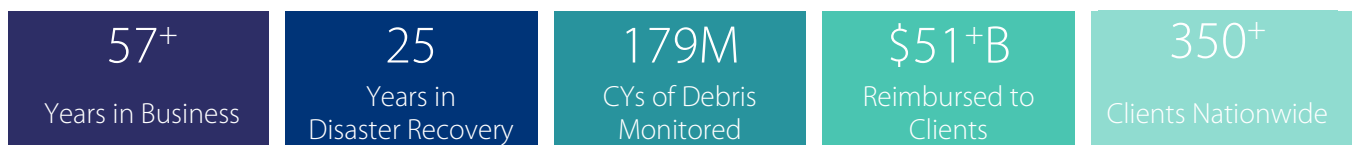
Dedicated to helping state and local governments plan for and recover from natural and human-caused disasters, our staff members offer a field-tested and proven methodology for emergency readiness, continuity planning, and disaster recovery. Our team is recognized for its ability to quickly respond to 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 \$51 billion in reimbursement funds for our clients from federal agencies such as FEMA, HUD, FHWA, and the Natural Resources Conservation Service (NRCS).** In total, our team has successfully managed the removal of and reimbursement for over 179 million cubic yards (CYs) of debris, as well as the demolition of over 22,000 uninhabitable residential and commercial structures.

In addition to disaster recovery, Tetra Tech offers a diverse suite of solutions to complex problems in water, environment, infrastructure, resource management, energy, advanced data analytics, and more. In all, Tetra Tech has dedicated problem solvers and innovators from 60 disciplines collaborating on innovative projects worldwide.



Knowledge and Expertise



Tetra Tech Disaster Recovery is a national leader in the field of disaster management. Our contracts with federal agencies and state and local governments are in diverse areas such as disaster recovery consulting and technical assistance; staff augmentation; community resilience; grant management; and disaster debris planning and preparedness. Our team offers deep understanding of the FEMA, FHWA, and other regulatory agencies' policies and procedures. We have worked closely with these agencies, recipients, and subrecipients on billions of dollars' worth of projects to determine project eligibility and to provide technical assistance, detailed damage inspection reports, cost estimates, validation and testing, audit documentation, and process reimbursements. Our team also maintains strong relationships with many of the lead federal officers, state agency leadership, local governments, and other staff.

Unmatched Debris Monitoring Experience

Our team has provided disaster management, recovery, and consulting services to hundreds of state and local government agencies since 2001. These services have included environmental permitting; monitoring of debris collection, hazardous tree programs, debris management sites (DMS), and specialized debris missions; fire damage restoration; contractor invoice reconciliation; and federal grant reimbursement support. **Profiles and references from specific projects are featured later in Tab D: References.** Tetra Tech can provide additional projects and information upon request.

Exhibit 1. Experience Matrix (2001 - Present)

OVER 95 EVENTS SINCE 2001

2024

HURRICANE BERYL - 13 Clients
TX WIND EVENT - 4 Clients
TX SEVERE STORMS - 2 Clients
MAUI WILDFIRES - 1 Client

2023

HURRICANE IDALIA - 6 Clients
TYPHOON MAWAR (GUAM) - 2 Clients
MAUI WILDFIRES - 4 Clients
OK STRAIGHT-LINE WIND EVENT - 1 Client
VT FLOODING - 1 Client
OH TRAIN DERAILMENT - 1 Client
TX WINTER STORM MARA - 6 Clients
CA FLOODING EVENTS - 5 Clients
CA WINTER STORM - 1 Client
AR TORNADO - 5 Clients
MS TORNADO - 2 Clients
CA WILDFIRES - 4 Clients
HURRICANE IAN - 4 Clients
HURRICANE NICOLE - 1 Client
HURRICANE LAURA - 4 Clients
TN STORMS - 1 Client

2022

HURRICANE NICOLE - 5 Clients
HURRICANE IAN - 31 Clients
CA WILDFIRES - 4 Clients
NM WILDFIRE (USACE) - 1 Client
WINTER STORM VA - 1 Client
KY STORMS/TORNADOES - 2 Clients

2021

DIXIE FIRE - 1 Client
HURRICANE IDA - 9 Clients
BUILDING COLLAPSE - 1 Client
STORMS/TORNADOES AL - 1 Client
WINTER STORM TX - 3 Clients
STORMS/FLOODING TN - 1 Client
WINTER STORM VA - 1 Client

2020

HURRICANE ZETA - 6 Clients
HURRICANE DELTA - 4 Clients
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
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

320
COMMUNITIES

IN 25 STATES

& 3 TERRITORIES

179M
CUBIC YARDS OF
DISASTER DEBRIS

2012

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

2011

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
TROPICAL STORM ALEX - 1 Client

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
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


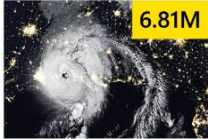


















Large-Scale Debris Monitoring Experience

Clients count on us to respond in their time of need, and we have never failed to deliver. Our team of debris experts and vast resources allow us to respond to our clients' deployment and mobilization needs, regardless of size, location, or type of disaster. **More than 6,000 Tetra Tech field staff were deployed in concurrent responses to Hurricanes Harvey, Irma, Maria, and the California wildfires in 2017–2018.** Tetra Tech understands the unique aspects and special considerations related to large-scale operations.

Exhibit 2. Large Project Experience



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 |  4.60M Charlotte County, FL Hurricane Ian, 2022 |
|  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 |
|  2.69M 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 |  2.89M Gulfport, MS Hurricane Katrina, 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 |

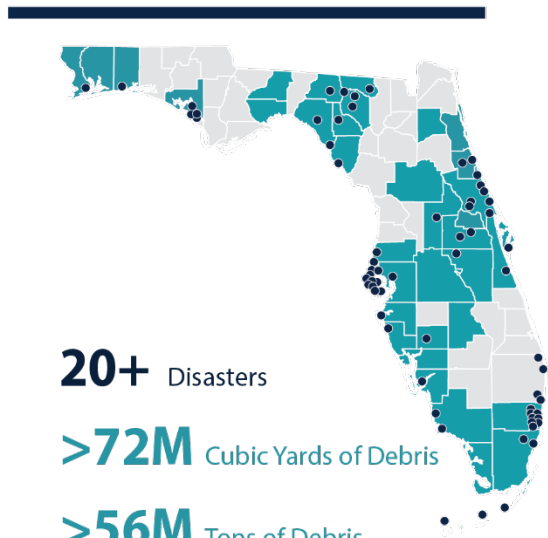
Florida Debris Monitoring Experience

Tetra Tech has performed more debris monitoring services in the state of Florida than any other firm. Our team has responded to every major disaster in Florida since 2001. In response to these events, our team has overseen 141 projects amounting to over 60 million CYs of debris across the State. Due to our vast experience, we have become experts in Florida’s unique needs disaster recovery needs, including PPDR, waterways, and beach projects.

Florida is also our home state, where many of our principal and senior staff reside. We are proud of our work in Florida, and we want to be known in our hometowns for providing excellent service to our communities. With 22 offices throughout the state, including our disaster recovery headquarters and fully stocked warehouse in Central Florida, Tetra Tech is mere hours away to mobilize rapidly to our clients throughout the state.

Exhibit 3. Florida Debris Monitoring Experience

Florida Debris Monitoring Projects



20+ Disasters
>72M Cubic Yards of Debris
>56M Tons of Debris
140+ Projects
22 Offices and
>1,100 Personnel
 throughout the State



FDEM's Florida Recovery Obligation Calculation (F-ROC) System

The Florida Division of Emergency Management (FDEM) developed a program to standardize the forms and documentation associated with the FEMA PA reimbursement process. As a state managed and federally funded program, the program aims to make the recovery process simpler and more streamlined, evaluating and reducing risk for applicants. The new Florida Recovery Obligation Calculation (F-ROC) system has an applicant-first approach, in which the F-ROC team assists applicants in identifying risk and develops a clear action plan that will abate those risks. This program is designed to build equal access to PA funds and make the recovery process more proactive.

Tetra Tech's Disaster Recovery unit has been involved in F-ROC since day one of the trial period. Our team regularly provided feedback and participated in the development of these forms, both with our clients and as a representative of the disaster response and recovery industry. Recently, Tetra Tech worked with Sarasota County, an F-ROC Pilot Community, to participate in the F-ROC program following Hurricane Ian. It is key to the success of F-ROC that the program is supported locally, and Tetra Tech is prepared to make this adjustment alongside our clients.

Ultimately, the F-ROC program's four pillars of standardization, procurement, procedures, and assessment mean that the Tetra Tech team has seen the new methods of completing these FEMA PA reimbursement requests and is ready to replicate these efforts for the County. We look forward to helping the County navigate the new F-ROC system for reimbursement.

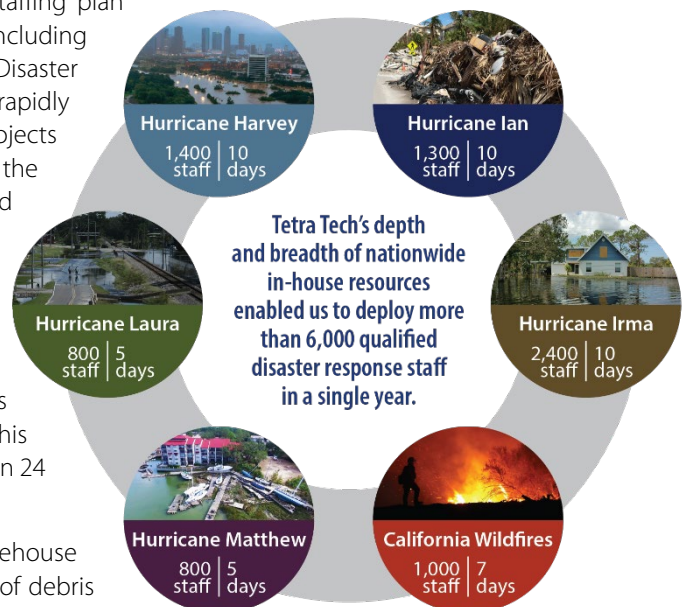


The Tetra Tech team collaborated with St. Johns County Public Works to create their Debris Plan. Upon review of the submittal, the State of Florida remarked that it was one of the best plans they had received and approved the Debris Plan to be included in the County's FROC documentation.

Ability to Respond

Clients count on us to respond in their time of need, and we have never failed to deliver. Our ability to respond rapidly is accelerated by utilizing the following:

- Incident Command System (ICS) Structure:** Our projects are operated under the ICS structure and have a proven track record of meeting even the most challenging staffing level requirements. ICS allows the Tetra Tech project team to 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. Tetra Tech’s emergency management professionals, many of whom are certified ICS instructors, provide guidance to our disaster recovery staff on how to effectively organize and respond to disasters. Our debris project managers have spent many hours in emergency operations centers across the country and understand how ICS works at the local and state level. Our debris project managers know how to apply IC-100, 200, 700, and 800 training in the field. We understand the value ICS has in organizing for disaster activations and strive to implement these principles into our business processes. Per ICS, during disaster response operations, our structure includes an incident commander and section chiefs for operations, logistics, action planning, and finance and administration. We establish twice daily calls using Microsoft Teams with the incident command team and section chiefs to establish our incident action plan, identify resources needs, and plan for any deficiencies. We have a dedicated health and safety officer who oversees the operation and coordinates with health and safety personnel at each project location. The proposed organization structure below is based on industry best practices and an understanding of geography and the distinct management responsibilities of each position.
- Ability to Hire Rapidly:** Tetra Tech’s immediate response staffing plan utilizes our vast network of disaster recovery professionals, including full-time employees, reserve staff from the Tetra Tech Disaster Recovery Unit, and local hires. Our staffing process has rapidly mobilized project teams for major disaster recovery projects nationwide. We prioritize deploying local staff, which benefits the local post-disaster economy and reduces mobilization and transportation costs. In addition to maintaining an extensive field staff database, Tetra Tech can deploy our Field Human Resources (HR) Hiring Center, which is designed to be quickly mobilized, transported, and set up to allow near immediate response for field staffing needs. The number of trained HR representatives can scale up to 20 at a moment’s notice, with the ability to hire 200+ staff per day. Under this process, local teams can be hired, trained, and deployed within 24 hours.
- Depth of Resources:** Tetra Tech maintains a fully stocked warehouse located in Orlando, Florida with over 120 fully stocked bays of debris monitoring supplies capable of supporting over 50 simultaneous recovery operations for over 90 days. We also have dedicated logistics staff that manages resources and supplies and can have a fully functioning field office in a matter of days, and often several simultaneous offices at once. Tetra Tech has consistently 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.



We Set the Standard.

No firm has responded to more disaster events with more personnel in a shorter amount of time than Tetra Tech.

Recent Debris Monitoring Projects Completed within the Past 5 Years

The exhibit below provides an abbreviated experience matrix for projects conducted since 2019. Tetra Tech can provide specific references and additional information upon request.

Exhibit 4. Experience Matrix (2019 – Present)

| Year | Disaster | Representative Client(s) *Work in Progress | Client Contact Information | Project Costs** | Size (in CYs, unless noted) | Collection/Disposal Monitoring | Hazardous Tree Programs | Private Property Debris Removal | Waterways/Drainage Debris Removal | Environmental Sampling and Monitoring | FEMA PA Support |
|---------------------------------------|---|---|---|-----------------|-----------------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------|
| 2024 | Hurricane Beryl Clients Served: 13 | City of Angleton, TX* | Jamie Praslicka, (979) 900-5370, jpraslicka@angleton.tx.us | TBD | Est. 100,000-150,000 | ■ | | | | | |
| | | Brazoria County, TX* | Wael Tabara, (713) 927-0204, waelt@brazoriacountytx.gov | TBD | Est. 550,000 | ■ | | | | | |
| | | City of Brazoria, TX* | David Kocurek, (979) 482-1873, Citymanager@cityofbrazoria.org | TBD | Est. 21,000 | ■ | | | | | |
| | | Fort Bend County, TX* | Scott Wiegat, (832) 473-2961, scott.wiegat@fortbendcountytx.gov | TBD | Est. 1,000,000 | ■ | | | | | |
| | | City of Nassau Bay, TX* | Sherri Ditrich, (832) 282-7047, sherri.ditrich@nassaubay.com | TBD | Est. 30,000 | ■ | | | | | |
| | | City of Kemah, TX* | Aaron Smith, (409) 941-9651, asmith@kemahtx.gov | TBD | Est. 10,000-15,000 | ■ | | | | | |
| | | City of Alvin, TX* | Brandon Moody, (832) 398-0180, bmoody@cityofalvin.com | TBD | Est. 50,000 | ■ | | | | | |
| | | City of Pearland, TX* | Laurie Rodriguez, lrodriguez@pearlandtx.gov | TBD | Est. 85,000 | ■ | | | | | |
| | | City of Katy, TX* | Jason Rivera, (281) 391-4820, jrivera@cityofkaty.com | TBD | Est. 35,000-40,000 CY | ■ | | | | | |
| | City of Humble, TX* | James Nykaza, (281) 853-7832, jnykaza@cityofhumble.net | TBD | TBD | ■ | | | | | | |
| | Texas Severe Storms (June) Clients Served: 2 | Harris County, TX* | Austin Appleton, (832) 248-1654, austin.appleton@harriscountytx.gov | TBD | TBD | ■ | | | | | |
| | Florida Severe Storms Clients Served: 2 | City of Tallahassee, FL* | Reginald C. Ofuani, (850) 891-5252, reginald.ofuani@talgov.com | TBD | TBD | ■ | | | | | |
| | | Leon County, FL* | Brant Pell, (850) 606-1537, pellb@leoncounty.fl.gov | TBD | TBD | ■ | | | | | |
| | Texas Derecho (May) Clients Served: 3 | Harris County, TX* | Austin Appleton, (832) 248-1654, austin.appleton@harriscountytx.gov | TBD | TBD | ■ | | | | | |
| City of Dallas, TX* | | Clifton Gillespie, (214) 671-5345 | TBD | Est. 650,000 CY | ■ | | | | | | |
| Hawaii Wildfires | USACE* | | TBD | 46,500 tons | ■ | | ■ | | | | |
| Hurricane Idalia Clients Served: 8 | City of Dunedin, FL | William Puckrum, (727) 298-3215 ext. 1322, wpickrum@dunedinfl.net | | \$12,679 | 802 | ■ | | | | | |
| | City of St. Petersburg, FL | Barbara Stalbird, (727) 893-7869, Barbara.stalbird@stpete.org | | \$175,669 | 12,652 | ■ | | | | | |
| | Pinellas County, FL | Sean Tipton, (727) 464-8809, stipton@co.pinellas.fl.us | | TBD | 382,167 | ■ | | | | | |
| | Leon County, FL | Brant Pell, (850) 606-1537, pellb@leoncounty.fl.gov | | \$373,956 | 22,807 | ■ | | | | | |
| | Pasco County, FL | John Battisata, (727) 857-2780, jbbattisata@pascocountyfl.net | | \$81,481 | 5,487 (plus 285 tons) | ■ | | | | | |

| Year | Disaster | Representative Client(s) *Work in Progress | Client Contact Information | Project Costs** | Size (in CYs, unless noted) | Collection/Disposal Monitoring | Hazardous Tree Programs | Private Property Debris Removal | Waterways/Drainage Debris Removal | Environmental Sampling and Monitoring | FEMA PA Support |
|------------------------------|----------|--|--|---|-----------------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------|
| 2023 | | Florida Department of Environmental Protection (FDEP) – Waterways* | Byron Ward, (850) 245-2597, Byron.ward@FloridaDEP.gov | \$11,664,184 | 92,916 | ■ | ■ | | ■ | | |
| | | Florida Department of Environmental Protection (FDEP) – Parks* | Wes Howell, (850) 245-3112, wes.howell@FloridaDEP.gov | \$1,942,796 | 81,084 | ■ | ■ | | | | |
| | | Guam Typhoon Mawar | USACE | Eric Haliburton, (601) 862-0140, eric.t.haliburton@usace.army.mil | TBD | 125,591 (plus 14,422 tons) | ■ | ■ | | | |
| | | Oklahoma Tornado | Tulsa, City of* | Brett Wallgren, (918) 908-4518, bwallgren@cityoftulsa.org | \$10,673,046 | 498,942 | ■ | ■ | | | |
| | | Vermont Floods | Vermont, State of | Ben Rose, (802) 585-4719, ben.rose@vermont.gov | \$1,770,079 | 1,315 (plus 6,230 tons) | ■ | | | | |
| | | Arkansas Tornadoes Clients Served: 4 | Cammack Village | Shalada Toles, (501) 663-4593, stoles@cammackvillage.org | \$360,158 | 9,874 | ■ | | | | |
| | | | City of Little Rock* | Jon Honeywell JHoneywell@littlerock.gov | \$7,268,424 | 470,661 | ■ | ■ | | | |
| | | | City of North Little Rock | Kim Francisco, (501) 425-8197, kim.francisco@nlrpolice.org | \$18,103,404 | 599,676 | ■ | ■ | | | ■ |
| | | | City of Sherwood | Brian Galloway, (501) 416-0135, briang@cityofsherwood.net | \$1,062,520 | 50,805 | ■ | ■ | | | ■ |
| | | Mississippi Tornadoes Clients Served: 2 | Sharkey County | Bill Newsom, (662) 907-1498 bill@newsomconsulting.com | \$6,921,744 | 355,388 (plus 832,665 tons) | ■ | ■ | | | |
| | | | City of Rolling Fork | | \$1,702,369 | 223,150 | | | | | |
| | | California Floods Clients Served: 2 | Merced County, CA | Bryan D. Behn, (209) 385-7602 | \$2,627,871 | 55,430 (plus 2,824 tons) | ■ | | | | ■ |
| | | | Santa Barbara County, CA | Matthew Griffin, (805) 568-3444, mgriff@countyofsb.org Hansel Corsa (805) 803-8784, hacorsa@countyofsb.org | \$5,306,326 | 53,074 | ■ | | | | ■ |
| | | 2023 Texas Ice Storm Clients Served: 4 | City of Austin, TX | Amy Slagle, (512) 974-4302 Amy.Slagle@austintexas.gov | \$20,325,801 | 1,349,026 | ■ | ■ | | | ■ |
| | | | Travis County, TX | Dan Pacatte, (512) 854-7678, Daniel.pacatte@traviscountytx.gov | \$6,660,555 | 343,768 | ■ | ■ | | | |
| | | | City of Georgetown, TX | Jackson Daly, (512) 819-3115 jackson.daly@georgetown.org | \$1,974,680 | 149,347 | ■ | | | | |
| | | | Williamson County | J. Terror Evertson, (512) 943-3330, tevertson@wilco.org | \$4,308,390 | 95,550 | ■ | ■ | | | |
| | | Mosquito Fire | Placer County, CA | | \$1,027,072 | 4,932 tons | | ■ | ■ | | ■ |
| | 2022 | Hurricane Ian Clients Served: 30 | Florida Department of Environmental Protection, FL | Cheri Albin, (850) 245-3105, cheri.albin@FloridaDEP.gov | \$12,875,202 | 188,073 (plus 6,059 tons) | ■ | | | | ■ |
| | | | Brevard County, FL | Jill Hayes, (321) 350-9240 Jill.Hayes@brevardfl.gov | \$4,041,518 | 172,181 | ■ | | | | ■ |
| City of Cape Coral, FL | | | Gina Lanzilotta, (239) 574-0471, glanzilo@capecoral.gov | \$63,380,733 | 2,717,941 | ■ | | | ■ | ■ | |
| Charlotte County, FL | | | John Elias, (941) 628-2662, john.elias@charlottecountyfl.gov | \$82,305,920 | 4,674,284 | ■ | | | ■ | ■ | |
| Collier County, FL | | | Dan Rodriguez, (239) 252-8330, dan.rodriguez@colliercountyfl.gov | \$29,350,728 | 1,384,073 | ■ | | | ■ | ■ | |
| Highlands County, FL | | | Gator Howerton, (863) 381-6400, chowerton@hcbcc.org | \$7,877,274 | 459,964 | ■ | | | | ■ | |
| City of New Smyrna Beach, FL | | | David Ray, (386) 527-6657, dray@cityofnsb.com | \$2,525,324 | 130,600 | ■ | | | | ■ | |
| City of Key West, FL | | | Greg Velis, (305) 809-3879, aaverette@keywestcity.com | \$920,616 | 22,380 | ■ | | | | ■ | |

| Year | Disaster | Representative Client(s) *Work in Progress | Client Contact Information | Project Costs** | Size (in CYs, unless noted) | Collection/Disposal Monitoring | Hazardous Tree Programs | Private Property Debris Removal | Waterways/Drainage Debris Removal | Environmental Sampling and Monitoring | FEMA PA Support | |
|------|---------------------------------------|--|--|--|-----------------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------|---|
| 2021 | | Manatee County, FL | Jeanne Detweiler, (941) 748-5543, Jeanne.detweiler@mymanatee.org | \$12,178,009 | 743,966 | ■ | | | | | ■ | |
| | | City of Melbourne, FL | Jennifer Wilster, (321) 953-6302, jwilster@melbourneflorida.org | \$317,696 | 20,350 | ■ | | | | | ■ | |
| | | Osceola County, FL | Danny Sheaffer, (407) 742-7752, danny.sheaffer@osceola.org | \$240,445 | 10,143 | ■ | | | | | ■ | |
| | | Polk County, FL | Jay Jarvis, (863) 581-0163, jayjarvis@polk-county.net | \$21,823,900 | 1,107,864 | ■ | | | | | ■ | |
| | | St. Johns County, FL | Greg Caldwell, (904) 669-5221, gcaldwell@sjcf.us | \$1,001,286 | 46,368 | ■ | | | | | ■ | |
| | | Volusia County, FL | Arden Fontaine, (386) 736-5965 x15621, afontaine@volusia.org | \$7,645,256 | 526,227 | ■ | | | | | ■ | |
| | | McKinney Fire | Siskiyou County, CA | | \$22,286,200 | 47,561 tons | | ■ | ■ | | ■ | ■ |
| | | New Mexico Wildfires | New Mexico USACE | Paul Dries (with North Wind Group) pdries@northwindgrp.com | TBD | 31,933 tons | ■ | ■ | ■ | | ■ | ■ |
| | | Oak Fire | Mariposa County, CA | Eric Sergienko, (209) 966-2000, esergienko@mariposacounty.org | \$10,928,329 | 39,948 tons | | ■ | ■ | | ■ | ■ |
| | | Winter Storms Clients Served: 1 | Virginia Department of Transportation | Stephen Fritton, (804) 609-5399, stephen.fritton@vdot.virginia.gov | \$100,272,651 | 4,349,978 | | ■ | ■ | | | ■ |
| | | Severe Storms and Tornadoes Clients Served: 2 | City of Bowling Green, KY | Matt Powell, (270) 784-7796, Matt.powell@bgky.org | \$3,434,347 | 174,346 | ■ | ■ | | | | ■ |
| | | | Warren County, KY | Matt Powell, (270) 784-7796, Matt.powell@bgky.org | \$1,014,664 | 47,402 | ■ | ■ | | | | ■ |
| | | Dixie Fire Clients Served: 1 | CalRecycle (State Contract)* | Alan Zamboanga, (916) 341-6450 | 266,354,481 | 552,821 tons | ■ | ■ | ■ | ■ | ■ | ■ |
| | | Hurricane Ida Clients Served: 11 | City of Central, LA | David Barrow, (225) 246-2306, david.barrow@central-la.gov | \$717,530 | 62,878 | ■ | ■ | ■ | ■ | | ■ |
| | | | Iberville Parish, LA | Randall Dunn, (225) 776-1109, dunn@ibervilleparish.com | \$260,972 | 10,846 | ■ | ■ | ■ | ■ | | ■ |
| | | | Tangipahoa Parish, LA* | Vicki Travis, vtravis@tangipahoa.org | \$49,921,126 | 3,092,064 | ■ | ■ | ■ | ■ | | ■ |
| | | Surfside Condo Collapse Clients Served: 1 | Miami-Dade County, FL | Michael Fernandez, (786) 473-7314, michael.fernandez@miamidadegov | \$15,148,685 | 10,265 tons | ■ | ■ | ■ | ■ | | ■ |
| | | Tennessee Severe Storms and Floods Clients Served: 1 | Metro Nashville and Davidson County, TN | Phillips Jones, (615) 533-2377, phillip.jones@nashville.gov | \$368,467 | 804 tons | ■ | ■ | ■ | ■ | | ■ |
| | | Alabama Tornado Clients Served: 3 | Calhoun County, AL | | \$3,280,979 | 228,276 | ■ | ■ | ■ | ■ | | ■ |
| | | Winter Storms Clients Served: 1 | Virginia Department of Transportation | Stephen Fritton (804) 609-5399, stephen.fritton@vdot.virginia.gov | \$23,239,722 | 462,192 | ■ | ■ | ■ | ■ | | ■ |
| 2020 | California Wildfire Clients Served: 1 | CalRecycle Northern Branch* | | \$164,567,136 | 501,097 tons | ■ | ■ | ■ | ■ | ■ | ■ | |
| | | Audubon Society of LA | Cecilie Halliwill, (504) 212-5325, challiwill@auduboninstitute.org | \$674,796 | 9,668 | ■ | | | | | ■ | |
| | | City of Diamondhead, MS | Mike Reso, (228) 222-4626 Ext. 1802 mreso@diamondhead.ms.gov | \$2,334,018 | 200,556 | ■ | | | | | ■ | |
| | | Hurricane Zeta Clients Served: 7 | City of Gulfport, MS | Wayne Miller, (288) 868-5740, wmilller@gulfport-ms.gov | \$7,204,267 | 483,147 | ■ | | | | | ■ |
| | | | City of Waveland, MS | Mickey Lagasse, (228) 467-4143, mlagasse@waveland-ms.gov | \$2,207,937 | 216,681 | ■ | | | | | ■ |
| | | | City of Slidell, LA | Blaine Clancy, (985) 646-4270, bclancy@cityofslidell.org | \$54,926 | 337 hazardous trees | ■ | | | | | ■ |

| Year | Disaster | Representative Client(s) *Work in Progress | Client Contact Information | Project Costs** | Size (in CYs, unless noted) | Collection/Disposal Monitoring | Hazardous Tree Programs | Private Property Debris Removal | Waterways/Drainage Debris Removal | Environmental Sampling and Monitoring | FEMA PA Support |
|----------------------|--|--|---|-----------------|-----------------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------|
| 2019 | | Dallas County, AL | Heath Sexton, (334) 375-1587 hsexton@dallscounty_al.org | \$4,341,570 | 222,732 | ■ | | | | | ■ |
| | | Hancock County, MS | Scotty Adam, (228) 467-0172 Scotty.Adam@co.hancock.ms.us | \$744,721 | 64,520 | ■ | | | | | ■ |
| | Hurricane Delta Clients Served: 3 | City of Youngsville, LA | Sally Angers, (337) 857-6925 SallyAngers@youngsvilleLA.gov | \$129,739 | 7,646 | ■ | | | | | ■ |
| | | St. Martin Parish, LA | Heath Babineaux, (337) 394-4798 Hbabineaux@stmartinparish.net | \$783,473 | 30,600 | ■ | | | | | ■ |
| | Hurricane Sally Clients Served: 4 | Baldwin County, AL | Terri Graham, (251) 331-4158 TGraham@baldwincountyal.gov | \$69,210,200 | 4,449,278 | ■ | | | | | ■ |
| | | City of Pensacola, FL | John Pittman, (850) 435-1894 Jpittman@cityofpensacola.com | \$7,702,960 | 574,580 | ■ | | | | | ■ |
| | | Okaloosa County, FL | Jim Reece, (850) 978-1063 jreece@co.okaloosa.fl.us | \$583,009 | 30,802 | ■ | | | | | ■ |
| | Hurricane Laura Clients Served: 17 | Acadia Parish, LA | Chance Henry, (337) 824-7720 electchancehenry@gmail.com | \$1,525,138 | 105,716 | ■ | | | | | ■ |
| | | Calcasieu Parish, LA | Theresa Champeaux, (337) 540-8094 tchampeaux@calcasieuparish.gov | \$304,540,335 | 9,309,837 | ■ | | | | | ■ |
| | | City of Lake Charles, LA | Jeff Jones, (337) 540-1707 jjones@cityoflc.us | \$88,638,870 | 4,335,400 | ■ | | | | | ■ |
| | | City of Sulphur, LA | Stacy Dowden, (337) 764-8044 sdowden@sulphur.org | \$16,816,536 | 838,412 | ■ | | | | | ■ |
| | | Jefferson Davis Parish, LA | Renee Hicks, (337) 824-4792 renee@jdpj.net | \$3,742,033 | 140,874 | ■ | | | | | ■ |
| | | Orange County, TX | Leon George, (409) 238-9169, lgeorge@co.orange.tx.us | \$13,165,049 | 723,064 | ■ | | | | | ■ |
| | Hurricane Isaias Clients Served: 6 | Town of Holden Beach, NC | Heather Finnell, (910) 842-6488 heather@hbtownhall.com | \$86,650 | 2,150 | ■ | | | | | ■ |
| | | Town of Ocean Isle Beach, NC | Justin Whiteside, (910) 579-3469 justin@oibgov.com | \$263,910 | 6,967 | ■ | | | | | ■ |
| | | Town of Oak Island, NC | Rose Braam, (910) 201-8015 rbraam@ci.oak-island.nc.us | \$1,348,395 | 62,394 | ■ | | | | | ■ |
| | Hurricane Hanna Total CYs: 327,035 Clients Served: 4 | Hidalgo County, TX | Mr. Judge "J.D." Salinas, (956) 318-2600 jd.salinas@gsa.gov | \$2,215,302 | 187,135 | ■ | | | | | ■ |
| | South Carolina Severe Storms and Tornadoes Total CYs: 783 Clients Served: 1 | Barnwell County, SC | Mr. Roger Riley, (803) 541-2013 rriley@barnwellsc.com | \$12,938 | 783 | ■ | | | | | ■ |
| | Tennessee Severe Storms and Tornadoes Total CYs: 1,039,455 Clients Served: 3 | City of Chattanooga, TN | Elizabeth Goss, (229) 894-4591 egoss@chattanooga.gov | \$6,672,646 | 322,200 | ■ | | | | | ■ |
| | | Hamilton County, TN | John Agan, (423) 315-3840 johna@HamiltonTN.gov | \$5,864,778 | 408,305 | ■ | | | | | ■ |
| | | Metro Nashville and Davidson County, TN | Phillips Jones, (615) 533-2377 phillip.jones@nashville.gov | \$5,918,322 | 308,949 | ■ | | | | | ■ |
| | Tropical Storm Imelda Total CYs: 73,336 Clients Served: 3 | Harris County, TX | Ms. Danielle Cioce, MS, (551) 427-6581 danielle.cioce@hcpid.org | \$482,301 | 15,907 | ■ | | | | | ■ |
| Jefferson County, TX | | Patrick Swain, (409) 835-8500 pswain@co.jefferson.tx.us | \$1,104,714 | 57,429 | ■ | | | | | ■ | |

| Year | Disaster | Representative Client(s) *Work In Progress | Client Contact Information | Project Costs** | Size (in CYs, unless noted) | Collection/Disposal/Monitoring | Hazardous Tree Programs | Private Property Debris Removal | Waterways/Drainage Debris Removal | Environmental Sampling and Monitoring | FEMA PA Support |
|------|---|---|--|-----------------|-----------------------------|--------------------------------|-------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------|
| | Hurricane Dorian Total CYs: 63,719 Clients Served: 5 | Colleton County, SC | Carla W. Harvey, PE, (843) 782.3104, cell – (843) 909-4653 charvey@colletoncounty.org | \$70,562 | 4,272 | ■ | | | | | ■ |
| | | Dorchester County, SC | Mr. Mario Formisano, (843) 832-0341 MFormisano@dorchestercounty.net | \$504,575 | 31,294 | ■ | | | | | ■ |
| | Louisiana Severe Storms and Tornadoes Total CYs: 30,516 Clients Served: 5 | City of Ruston, LA | John Freeman, (318) 245-2398 jfreeman@ruston.org | \$423,677 | 30,516 | ■ | | | | | ■ |
| | Alabama Severe Storms and Tornadoes Total CYs: 176,780 Total Tons: 7,262 Clients Served: 1 | Lee County, AL | Patrick Harvill, (334) 737-7011 Pharvill@leeco.us | \$2,274,424 | 176,780 (and 7,262 tons) | ■ | | | | | ■ |

**The project costs total includes both debris removal and monitoring costs.

Our program is designed to maximize federal grant reimbursement.

Over the course of working with hundreds of local and state governments on disaster debris management projects, our team has developed a deep understanding of FEMA, FHWA, NRCS, and other reimbursement and regulatory agencies' policies and procedures. Our efforts allow clients to maintain their focus on continuing daily operations while relying on us to oversee the management of debris removal operations in compliance with programmatic guidelines and procedures. Additionally, we have supported clients across the state and have successfully helping our clients navigate the Florida Division of Emergency Management reimbursement and closeout process. Our understanding of requirements for eligibility, documentation, and reimbursement has helped our clients obtain **over \$51 billion in reimbursed costs**.

REGION 4

The nuances presented in each Region's administration of the FEMA PA program provide their own challenges. We know Region 4 approach to administering FEMA PA and have helped clients successfully navigate it for years.

Our team has direct experience with federal grant programs, including:

- FEMA PA Program (including Section 406 mitigation and Section 428 alternative procedures program)
- FEMA Hazard Mitigation Grant Program (HMGP, Section 404 mitigation)
- FEMA Hazard Mitigation Assistance (HMA)
- FEMA Individual Assistance (IA) Program
- FHWA-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 Program (CDBG)
- U.S. Treasury Coronavirus Aid, Relief, and Economic Security (CARES) Act and COVID-related funds

For this engagement, Tetra Tech anticipates that majority of reimbursement will be pursued through the FEMA PA Program. Our team holds comprehensive qualifications in working both for and with FEMA. Tetra Tech maintains six current contracts directly supporting FEMA, in addition to our routine work with FEMA as part of state and local projects seeking FEMA reimbursement.

Tetra Tech will meet the program standards as provided for in the FEMA guides that are outlined in the RFP on pages 21-22. Tetra Tech will also meet all federal codes, regulations, and requirements as detailed in the RFP on p. 22



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.**

"As a former State Recovery Director in Region 4, I advise our team, and yours, on the best approach to documentation and presentation of costs in order to maximize your utilization of PA funding."

- Allison McLeary, Esq.
Senior Management Team

Tetra Tech will meet the program standards as provided for in the FEMA guides that are outlined in the RFP on pages 21-22. Tetra Tech will also meet all federal codes, regulations, and requirements as detailed in the RFP on p. 22

Tetra Tech is able to maximize FEMA PA disaster debris reimbursement funding for the County based on the following:

- **Procedures Tailored to FEMA:** Our data management and document storage procedures are tailored to facilitate FEMA review and the generation of project worksheet versions throughout the entire project. We incorporate changes or updates to the FEMA PA Program and Policy Guide (PAPPG) into our procedures for field documentation and data management as they occur. Our software systems, *RecoveryTrac™* and *RecoveryTrac™* Grants Management were designed with FEMA programs in mind and were built to interface with FEMA Grants Portal/Grants Manager.
- **Comprehensive Understanding of FEMA Regulations:** Our management team and field staff 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.
- **Direct Relationships with FEMA Regional Representatives:** Our team maintains strong relationships with many of the lead federal coordinating officers, debris specialists, Public Assistance (PA) coordinators and officers, and other staff. Regular interface and communication with FEMA at the headquarters, regional, and local levels allow our team to obtain quick responses on disaster-specific guidance and issues. Having been former State and Federal officials, our employees know how to successfully navigate FEMA PA and should issues arise, who to call upon to get quick remedies.
- **Team of Grant Experts to Assist with Funding and Audits:** Our grant management experts have assisted clients with applying for and retaining grant funds, even after closeout and audit processes. Our FEMA appeals and funding specialists have worked with FEMA closeout officers to obtain millions of previously deobligated dollars for communities. While the best course of action is to avoid audits or appeals, there are sometimes unavoidable disagreements with program administrators. We have a bench of accountants, attorneys and program experts to draw upon to try and come to a resolution outside of the audit or appeals process, or when all else fails, appeal or arbitrate certain unacceptable decisions.

Spotlight On: Commitment from Blue Skies through Reimbursement

"Tetra Tech proved itself to be a reliable partner for the City and executed all its obligations under our continuing services agreement. On top of that, they provided excellent communication throughout the whole process and efficiently assisted in the cleanup of the City [after Hurricanes Irma and Ian]. Their diligence and precision in detail ensured proper reimbursement from FEMA on all occasions. In our experience working with Tetra Tech, they have always come to the City of St. Petersburg's assistance when they are needed most for our residents and greater community. We would happily recommend their services to other communities and plan to continue our relationship with them into the future."

-Mr. Bryan M. Eichler, Assistant Director, City of St. Petersburg, FL

Focus On

FEMA Programs

\$40 billion+ Managed

Experience Summary

Our team holds comprehensive qualifications in working both for and with State/Recipient agencies and FEMA. Tetra Tech maintains six current contracts directly supporting FEMA, in addition to our routine work with FEMA Recipients and Subrecipients as part of state and local projects seeking reimbursement.

Our experience supporting clients with FEMA programs includes:

- FEMA PA Program
- Section 406 mitigation and Section 428 alternative procedures program
- FEMA Hazard Mitigation Grant Program (HMGP)
- Section 404 mitigation
- FEMA Individual Assistance (IA) Program
- FEMA Flood Mitigation Assistance Program (FMA)
- FEMA Building Resilient Infrastructure and Communities (BRIC)

Recent Sample Projects

| Year | Client | Program | Preliminary Damage Request | Develop Request for Public Assistance | Applicant Briefing | Applicant Kickoff Meeting | Site Visits/Inspections | Project Scoping | Project Cost Estimation & Documentation | PW/Application Development | Alternate/Improved/Pilot Program Projects | Project Cost Reconciliation |
|------|-------------------------------|---------|----------------------------|---------------------------------------|--------------------|---------------------------|-------------------------|-----------------|---|----------------------------|---|-----------------------------|
| 2023 | Pensacola, FL | PA | | | | | ■ | ■ | | ■ | | ■ |
| 2023 | Collier County, FL | PA | | | | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2022 | Fort Myers, FL | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2022 | South Daytona, FL | PA | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2022 | Philadelphia, PA | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | ■ |
| 2020 | Hamilton County, TN | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2020 | Commonwealth of Massachusetts | PA | | ■ | ■ | | ■ | ■ | ■ | | ■ | ■ |
| 2020 | Harris County, TX | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2020 | Houston, TX | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2020 | LA GOHSEP SAL | PA | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | |
| 2020 | State of Connecticut | PA | | ■ | ■ | | | ■ | ■ | ■ | | ■ |
| 2020 | Dunedin, FL | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | ■ |
| 2019 | State of Missouri | PA | | | | | | | ■ | | | ■ |
| 2019 | Commonwealth of Puerto Rico | PA | | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2018 | Callaway, FL | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2018 | Lynn Haven, FL | PA | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 2018 | Dougherty County, GA | PA | ■ | ■ | | | | | | | | |
| 2018 | Albany, GA | PA | ■ | ■ | | | | | | | | |

FEMA Focus Areas



Tailored Procedures

Our procedures are tailored to facilitate FEMA review and generation of Project Worksheet versions. Tetra Tech incorporates changes and/or updates to the PAPPG, IAPPG, FEMA IHP Unified Guidance, and Hazard Mitigation Assistance Guidance into our procedures.



Understanding of FEMA Regulations

Our management team and field staff fully understand rules and regulations across FEMA programs. This allows us to monitor contracts in detail while managing and documenting the operation using proven methodologies to allow the maximum reimbursement.



Relationships Regional Reps

Our team maintains strong relationships with many of the lead federal coordinating officers, PA/IA officers, and other staff. Regular interface and communication with FEMA at the headquarters, regional, and local levels allow our team to obtain quick responses on guidance and issues.



Audits and Appeals

Our grant management experts have assisted clients with applying for and retaining grant funds, even after closeout and audit processes. Our FEMA appeals and funding specialists have worked with FEMA closeout officers to obtain millions of previously deobligated dollars.

Disaster Recovery Program Management Services

Our team is a national leader in providing management and support documentation for all facets of the debris removal monitoring industry, including special disaster recovery program management services.

Exhibit 5. Disaster Recovery and Special Program Management Capabilities

| Disaster Recovery Program Management | |
|--|--|
| Emergency road clearance | Final debris disposal at a landfill or other end use |
| Curbside debris collection | Conflict and damage resolution |
| Operation of citizen drop-off sites | Truck certification |
| Data management and invoice reconciliation | Right-of-entry administration |
| Oversight of debris management sites | |
| Special Programs Management | |
| Animal carcass removal and disposal | Marine and waterway debris removal |
| Asbestos abatement | Private property demolition and debris removal |
| Beach remediation and restoration | Nuisance abatement ordinance administration |
| Construction and demolition debris removal | Saltwater killed tree removal |
| Creosote piling removal | Sediment dredging and removal |
| Drainage and canal debris removal | Subsurface storm drain debris removal |
| E-waste debris removal | Vessel and vehicle recovery |
| Hazardous waste debris removal | Wetland and parkland debris |
| Hazardous tree and stump removal | White goods and putrescent waste removal |

Private Property/Right-of-Entry Debris Removal

Our team has administered many of the largest private property debris removal (PPDR) programs in U.S. history. Tetra Tech assists communities with ensuring they have the legal authority via local and state ordinances to enter onto private property. We also assist with preparing submittal packages for FEMA to approve the program, promoting the Right-of-Entry (ROE) program with residents, and ensuring the program is properly documented. Included below is a representative sample of our PPDR projects.

72 PRIVATE PROPERTY DEBRIS REMOVAL PROJECTS MANAGED



SCOPE TASKS

- Application Administration
- Data Management
- Debris Removal Monitoring
- Demolition Program Management
- Historical/Environmental Review
- Individual Property Debris Tracking
- Property Close Out
- Property Survey
- Public Advertisement
- Reduction/Disposal Monitoring
- Scheduling

- Hawaii Wildfires (2023) 2 Clients
- Hurricane Ian (2022) 23 clients
- CA Wildfires (2022) 3 clients
- Surfside Condo Collapse (2021) 1 client
- Hurricane Ida (2021) 2 clients
- Wildfires (2021) 15 clients
- Hurricane Laura (2020) 1 client
- North Branch Wildfires (2020) 9 clients
- Hurricane Michael (2018) 3 clients
- Hurricane Florence (2018) 1 client
- Camp Wildfire (2018) 1 client
- Mendocino-Complex Fire (2018) 1 client
- Carr Wildfire (2018) 1 client
- Severe Storms/Tornadoes (2017) 1 client
- Hurricane Harvey (2017) 2 clients
- NorCal Wildfires (2017) 4 clients
- Thomas Wildfire (2017) 1 client
- Detwiler Wildfire (2017) 1 client
- Helena Wildfire (2017) 1 client
- Flooding & Severe Storms (2016) 1 client
- Flooding (2016) 1 client
- Erskine Wildfire (2016) 1 client
- Clayton Wildfire (2016) 1 client
- Butte Wildfire (2015) 1 client
- Valley Wildfire (2015) 1 client
- Flooding (2014) 1 client
- Flooding (2013) 1 client
- Hurricane Sandy (2012) 1 client
- Hurricane Isaac (2012) 1 client
- Wildfires (2011) 1 client
- Ice Storm (2009) 1 client
- Flooding (2008) 2 clients
- Hurricane Ike (2008) 2 clients
- Hurricane Gustav (2008) 1 client
- Hurricane Katrina (2005) 2 clients
- Hurricane Wilma (2005) 1 client

Waterways Debris Removal

No other firm in the United States has monitored more projects to remove physical and environmental hazards and debris from navigable and non-navigable waterways than Tetra Tech. From large vessel and lobster trap removal programs in the Florida Keys following a series of hurricanes to assisting local and state agencies along the northern Gulf Coast with response and recovery efforts for the BP oil spill to cleaning dozens of miles of ditches in Calcasieu Parish, Louisiana following Hurricane Laura – Tetra Tech has comprehensive experience in planning and executing complex waterway and drainage system debris removal programs.

Tetra Tech can provide comprehensive services for waterway and drainage system debris removal programs including assisting with documenting maintenance programs, determination of legal responsibility and scope eligibility, performing post-disaster damage assessment (including drone surveys), managing right of entry/access programs, and field monitoring and storage site management. We have comprehensive expertise in documenting navigable and non-navigable debris removal programs funded by numerous agencies including FEMA, the Natural Resource Conservation Service (NRCS), U.S. Army Corps of Engineers, and state agency programs. Specific waterway and drainage system debris removal programs executed by Tetra Tech include:

Derelict Vessel Programs

- Escambia County, Florida (Hurricane Ivan)
- Monroe County, Florida (Hurricanes Katrina, Gustav, Ike, and Wilma)
- New Jersey Department of Environmental Protection (Hurricane Sandy)
- Florida Department of Environmental Protection (Hurricanes Michael, Matthew, and Irma)

Waterway Debris Removal Programs

- Florida Department of Environmental Protection (Hurricane Idalia)
- City of Cape Coral, Florida (Hurricane Ian)
- Bay County, Florida (Hurricane Michael)
- Brevard County, Florida (Hurricane Matthew)
- Monroe County, FL (Hurricanes Katrina, Gustav, Ike, and Wilma)
- Beaufort County, SC (Hurricane Matthew)

Ditch and Drainage System Debris Removal Programs

- Collier County, FL (Hurricane Ian)
- Calcasieu Parish, LA (Hurricane Laura)
- Terrebonne Parish, LA (Hurricane Gustav)
- City of Galveston, TX (Hurricane Ike)
- Harris County Flood Control District, TX (Hurricane Ike)
- Collier County, FL (Hurricane Wilma)
- Jefferson County Drainage District #7 (Hurricane Ike)
- City of Lauderdale Lakes, FL (Hurricane Wilma)

Spotlight on: Successful Waterways Debris Removal

"Upon inspection by the National Resources Conservation Service, the inspectors [surveying the Gordon River project] were impressed by the attention to detail in preserving native vegetation and avoiding the creation of erosion issues. The results accomplished along the water are near perfect... The success of the project is measured by the visible impact of the completed work. Completing the scope and only the scope must strike a balance between remediation and deferred maintenance that is inevitably a fine line. The feedback received yesterday is that the balance was well struck and that your team is managing the individual sites well. We are grateful for the efforts of your team, please keep up the great work and high standards."

**-Pawel "Pav" Brzeski, Project Manager,
Stormwater Management, Collier County, FL**

Exhibit 6. Waterway Debris Removal following Hurricane Idalia



Beach Debris Removal and Coastal Restoration/Resiliency

For coastal communities, beaches are economic drivers that require immediate attention following a disaster. Beaches are often a primary reason why tourists visit communities; thus, getting beaches re-opened rapidly following disaster events is of paramount importance. Removing hazards, including pressure-treated wood from beach walkovers, is vital to getting beaches re-opened to the public.

Tetra Tech has a long history of supporting coastal communities in monitoring beach debris removal and sand screening/replacement operations that are eligible for reimbursement under the FEMA Public Assistance program. Stemming back to 2004 when the pristine white sand beaches of Pensacola Beach and Perdido Key in Escambia County, Florida, were ravaged by Hurricane Ivan to some of our more recent projects including supporting debris removal and trap bag installation operations for Volusia County, Florida, Tetra Tech has gained valuable experience in formulating successful beach recovery operations. Relevant examples of Tetra Tech's beach debris removal operations include:

- Escambia County, FL (Hurricanes Ivan and Dennis)
- City of Ft. Lauderdale, FL (Hurricane Wilma)
- Harrison County, MS (Hurricane Katrina)
- St. Johns County, FL (Hurricanes Matthew and Irma)
- Volusia County, FL (Hurricanes Ian and Nicole)

Tetra Tech's debris monitoring teams are supported by one of the largest coastal engineering and resiliency practices in the United States. Tetra Tech delivers innovative, nature-based solutions and structural design for coastal communities seeking climate-resilient flood risk reduction and marine habitat restoration. Our interdisciplinary team is *Leading with Science*® to create industry-leading design solutions for some of the most complex issues facing coastal communities and ecosystems around the world. With climate change driving sea level rise, stressing marine life, and creating more frequent and intense weather events, we support our clients with sustainable and scalable solutions to protect and restore coastal environments.

Exhibit 7. Trap Bag Installation in Volusia County, FL



Following Hurricanes Ian and Nicole, Tetra Tech supported Volusia County, Florida, in monitoring debris removal from County-maintained beaches and installing Trap Bags to provide shoreline protection to improved public and private property. Due to these disasters, Florida's coastline suffered the loss of sand and, therefore, much needed elevation. These Trap Bags are a temporary solution to protect beachfront properties before another storm hits the coast as the County continues to work on resiliency projects.

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 USACE or the NRCS. Vessel and vehicle debris on private land may present unique ingress/egress challenges and require ROE agreements for access.

Tetra Tech has monitored vessel recovery for several clients, including:

- **NJDEP** – Hurricane Sandy | 80 vessels
- **Escambia County, FL and Monroe County, FL (Florida Keys)** – Hurricane Wilma | 450 vessels
- **Beaufort County, SC** – Hurricane Matthew | 50+ vessels
- **FDEP** – Hurricanes Matthew, Michael, and Irma | 64 vessels
- **Miami-Dade County, FL** – Surfside Condo Collapse | 100 vehicles

Leaning Trees, Hanging Limbs, and Stump Removal

Tetra Tech offers expertise in reimbursement for the removal of leaning trees, hanging limbs, and stumps. Our team has extensive experience helping communities avoid the de-obligation of funds or non-reimbursement for these activities due to ineligible work. In 2020, our team monitored the removal and disposal of nearly 200,000 hazardous trees and hangers following consecutive Hurricanes Laura, Sally, Delta, and Zeta.

3.1 million

HAZARDOUS TREES, LIMBS, AND STUMPS REMOVED



2,553,151
HANGING LIMBS



555,286
HAZARDOUS TREES



1,328
STUMPS

FEATURED EVENTS

| | |
|------------------------------------|-------------------------------|
| Lahaina Wildfires (2023-2024) | 1,200 Trees |
| City of Austin Winter Storm (2023) | 10,364 Limbs 598 Trees |
| Hurricane Ian (2022) | 95,099 Limbs 16,253 Trees |
| CA Wildfires (2015 - 2022) | 3,777 Limbs 246,140 Trees |
| Hurricane Ida (2021) | 79,469 Limbs 3,144 Trees |
| Hurricane Sally (2020) | 43,692 Limbs 5,888 Trees |
| Hurricane Laura (2020) | 120,198 Limbs 13,160 Trees |
| Hurricane Zeta (2020) | 34,245 Limbs 4,902 Trees |
| Hurricane Michael (2018) | 27,562 Limbs 9,949 Trees |
| Hurricane Florence (2018) | 14,609 Limbs 259 Trees |
| Hurricane Irma (2017) | 316,108 Limbs 94,030 Stumps |
| Hurricane Matthew (2016) | 183,214 Limbs 12,769 Trees |
| Winter Storm Alfred (2011) | 84,135 Limbs 12,355 Trees |
| Hurricane Ike (2008) | 364,860 Limbs 29,489 Trees |
| Midwest Winter Storm (2007) | 99,382 Limbs 2,682 Trees |

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 but not limited to containers with paints, pesticides, household cleaners, oils/solvents, and fuels. Our team has broad experience helping local governments plan, procure, implement, and track disaster-related HHW collection programs at curbside or drop-off locations. Following Hurricane Ike, a storm surge covered almost all of Galveston Island, Texas. 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.

Data Management

Tetra Tech minimizes client costs and maintains consistent visibility of debris project operations by implementing our streamlined processes and utilizing our *RecoveryTrac™* ADMS. *RecoveryTrac™* ADMS 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 hundreds of clients.** For more information on data management, please see Tab E: Proposal Matrix.

Experience Defending Client's Interests During an Audit

A representative example of past clients we have supported during dispute resolution 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 (5) 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.

Subcontractors

Tetra Tech seeks opportunities to work with small, women-owned, minority-owned, and disadvantaged business enterprises (DBE) where specific and individual capabilities complement our own for the benefit of the successful completion of a project.

While Tetra Tech is a large, multi-national firm with sufficient resources to complete most any project, we are committed to upholding the requirements for contracting with local businesses and small, minority-owned, and/or women-owned businesses included within 2 CFR 200.321 and within the County's RFP.

As evidence of the Tetra Tech Disaster Recovery division's commitment to local and minority participation in our projects, in February 2019, Tetra Tech received the City of Houston Goods and Services Prime Contractor of the Year Award at the 6th Annual Champions of Diversity Awards Ceremony. Tetra Tech is honored to be selected for such award, and it demonstrates our commitment to work with minority, women, small, and disadvantaged business enterprises.

Most recently, Tetra Tech received the 2022 Dwight D. Eisenhower Award for Excellence in the Services Category for our effective small business subcontracting programs. The award recognizes large U.S. prime contractors that have excelled with their small business subcontracting programs by creating optimal opportunities for use of small businesses in all socioeconomic categories. The award was presented during the U.S. Small Business Administration's (SBA) National Small Business Week's virtual award ceremony on May 5, 2022.

Tetra Tech does not discriminate on the basis of social and economic disadvantage, race, color, sex, gender, disability, or national origin. **While Tetra Tech would certainly be open and willing to discuss with the County any local or minority firms that they would like to see involved in a project or recovery effort, given the anticipated scope of work and Tetra Tech's capabilities, Tetra Tech does not anticipate the solicitation of subcontractors for this project. On the following pages, Tetra Tech has provided evidence of Good Faith Efforts along with the reasonable steps for appropriate participation for eligible minority firms.**

Scan the QR code to the right or click [here](#) to view Tetra Tech's 2020 More Business for Your Business webinar for the Harris County and Houston, Texas area.



Tetra Tech receiving the City of Houston Goods and Services Prime Contractor of the Year Award at the 6th Annual Champions of Diversity Awards Ceremony.



Lemaire, Kayla

From: Lemaire, Kayla
Sent: Monday, July 29, 2024 10:01 AM
To: TDR Contracts
Subject: Request for Bid re: Franklin County, FL RFP for DISASTER DEBRIS MONITORING SERVICES RFP No. RFP-EM2024-001
Attachments: Franklin County, FL-2024-RFP-EM2024-001-Disaster-Debris-Monitoring-Services.zip;
Standard Subcontract Ts&Cs.pdf

GOOD MORNING-

Tetra Tech, Inc. (Tetra Tech) is currently working on preparing a proposal in response to the Franklin County, FL REQUEST FOR PROPOSAL for DISASTER DEBRIS MONITORING SERVICES RFP No. RFP-EM2024-001 (attached). Tetra Tech officially invites you to provide a Statement of Qualifications for services relevant to your organization, as described in the attached RFP, including staffing services.

The specific requirements for these services can be found in the attached zip file.

This solicitation does not commit Tetra Tech or Franklin County, FL to pay any costs incurred in the preparation and submission of an offer in any form, or to subcontract for said services or supplies. It is also brought to each offeror's attention that the Tetra Tech procurement representative or designee is the only individual who can commit Tetra Tech into expenditure of funds in connection with any subcontract resulting from this solicitation.

If you intend to respond to this invitation to bid, the following instructions are required:

1. Please submit a brief company overview and any past history/experience with Franklin County, FL.
2. Please submit resumes for the key positions that apply to your company's service capabilities -- see the RFP for outreach, public relations, and appraisal requirements and the description of the key personnel and required qualifications.
3. If your company is DBE, WBE, MBE, etc. please provide relevant vendor identification number(s) and certificates.
4. CAREFULLY review the Terms and Conditions contained in the entirety of the RFP and Tetra Tech's General Conditions (Example attached) which would be incorporated into any subcontract/master agreement or purchase order awarded as a result of the solicitation. Tetra Tech will require you to adhere to the terms and conditions described therein.

If you are interested in submitting a proposal, it would be helpful for you to please provide your Key Personnel References and Statement of Qualifications as soon as possible!

All bids must be received no later than August 5, 2024 at 9:00 AM.

Offeror must e-mail its proposal submission to:

TDR.Contracts@tetrattech.com

For your bid to be considered, please send it ONLY to the above email address and include the following subject line in your email submission

"YOUR COMPANY NAME – Bid Submission re: Franklin County, FL RFP for DISASTER DEBRIS MONITORING SERVICES RFP No. RFP-EM2024-001"

Award of a Subcontractor/Master Agreement as a result of this solicitation is contingent upon Tetra Tech award of a contract by Franklin County, FL. Tetra Tech may or may not issue Subcontracts/Master Agreements as a result of this solicitation.

Offeror agrees and acknowledges that any subcontract awarded shall contain Tetra Tech terms, insurance requirements, health and safety requirements, and any applicable flow-down provision of Tetra Tech's prime contract with Franklin County, FL.

Questions regarding this solicitation shall be directed to (TDR.Contracts@tetrattech.com).



This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Sent to:

DRODRIGUEZ@COMPEDGELLC.COM; DIANE@CRASTAFFING.COM; JADEE.SCARVER@CORPORATESOLUTIONSTECH.COM;
DAVID@DAKRESOURCES.COM; PROTEMP@ATT.NET; EDDIE@EMPIRECOACHLINE.COM; SRGUTTI@ESSNOVA.COM;
GOVBIZ@GENCARESTAFFINGSOLUTIONS.COM; ABROWN@GIDEONTOAL-MS.COM; DEBRAUPSHAW@GLOBALDIAGNOSTIC.NET;
WAYNE@GREENARROWSTAFFING.COM; JOLENE@HQDIRECT.COM; HUMPHREYTRANSITGROUP@GMAIL.COM; SSCHERFEL@ISGWORK.COM;
DBABIKER@INTELLECTUALCONCEPTS.NET; KBISTAFFINGSOLUTIONS@GMAIL.COM

Qualification and Abilities of Professional Personnel

Tetra Tech has assembled a team of debris removal monitoring experts with direct experience responding to recent disasters. Our dedicated project management team is deeply familiar with the policies, procedures, and requirements associated with delivering successful disaster debris monitoring services.

Our staff members have managed the removal of and reimbursement for over 179 million cubic yards (CYs) of debris as well as the demolition of over 22,000 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.

Our record of success includes serving over 300 state and local government clients in response to over 90 presidential disaster declarations over the last decade. Our team has obtained over \$51 billion in reimbursement funds for our clients from federal agencies.

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

Proposed Team

Tetra Tech has assembled a project team with the qualifications and expertise necessary to support the County following a disaster. The individuals selected for this project not only have national expertise from having worked on every major disaster in the past decade, but also have hands-on experience working on prior (or current) Florida-based projects. As a result, our staff has an in-depth understanding of how disaster response and recovery works in the Sunshine State. We have selected team members who have previous experience in similar operations. Brief summaries of each team member’s experience are provided below. **Résumés for project field operations staff have been provided at the end of this section.**

| Proposed Staff | Summary of Qualifications | Key Areas of Expertise |
|---|--|---|
| Matt Mooneyham Regional Project Manager | Mr. Matt 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 of 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. | <ul style="list-style-type: none"> • 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 • Category A documentation and Eligibility Requirements |
| Katie Taylor Project Manager | Katie Taylor is a Florida resident with over 20 years of experience managing various sectors of the disaster/construction industry. Her expertise includes federal/military construction, state government such as, Florida Department of Transportation (FDOT) and the Florida Department of Environmental Protection (FDEP), and emergency | <ul style="list-style-type: none"> • Disaster Debris Monitoring • Emergency Management • Management/Project Management • Federal Construction • Right-of-Way Debris Removal |

management and response. Katie has completed millions of dollars of federal projects from building construction, remodeling, painting, demolition, to infrastructure including roadway projects as well as large scale asbestos abatement projects. Katie has served as a part of the Project Management team with Tetra Tech for Hurricanes Irma, Michael, Florence, Laura, Delta, Zeta, and most recently Hurricane Ida in Louisiana. She has also managed the cleanup efforts following severe flooding in Louisiana, as well as tornadoes that impacted Alabama.

- Private Property Debris Removal
- Disposal Operations
- Quality Assurance Initiatives
- FEMA Compliance Monitoring
- Supervision of Field Operations
- Operational Scheduling and Dispatch
- Hazardous Tree Removal
- Category A documentation and Eligibility Requirements

Fanta Thitsaphaophandouang
Operations Manager

Fanta Thitsaphaophandouang (Fanta) is an experienced field and operations manager supporting numerous projects for Tetra Tech. Fanta has been a key member of some of Tetra Tech's largest Fire Response Missions in recent history. In addition to his extensive fire work, Fanta has also worked for Tetra Tech as a public liaison and site inspector during our Rebuild Florida engagement, a staff recruiter and operations manager.

- Disaster Debris Management
- Right-of-Entry
- Hazard Tree Eligibility
- Monitor Training
- Monitor Dispatch
- Right-of-Way Debris Removal
- Disposal Operations
- Field Operations
- Quality Assurance/Quality Control
- Demolition Operations

Steve Murray
Field Supervisor

Mr. Steve Murray is a highly skilled professional with extensive experience in disaster response and debris monitoring operations. With a focus on field operations, Steve has excelled in overseeing and coordinating various aspects of debris removal projects. Steve has consistently demonstrated his ability to ensure the smooth execution of day-to-day operations. He has successfully managed field staff, including contractors, to maintain efficiency and productivity throughout projects. Steve's experience also includes quality control and compliance responsibilities during debris removal operations. He has diligently verified the adherence to FEMA guidelines, ensuring that all documentation meets the required standards. Steve has also been responsible for monitoring and addressing any field issues promptly, ensuring a seamless workflow.

- HAZWOPER
- FEMA ICS 100
- Project Management
- Monitor Training
- Monitor Dispatch
- Right-of-Way Debris Removal
- Disposal Operations
- Field Operations

Rose Whitehair
FEMA Reimbursement Specialist

Ms. Rose Whitehair is a seasoned program manager with over 17 years of disaster and homeland security experience with 28 years in Public Safety. She has managed large-scale incidents including wildfires, hazardous chemical response, droughts, floods, and the current COVID-19 pandemic response. Her experience includes managing and closing out multi-million-dollar federal projects. She assists Tetra Tech with deciphering FEMA, ARPA Final Rule, ARPA Compliance and Reporting Guidance, Treasury OIG Reporting and Recordkeeping Requirements, COVID guidance and the recent Congressional bills, helping to clarify, interpret and lead discussions and updates in federal grant compliance.

- EOC Operations
- COVID-19 Pandemic Response
- Grant/Project Closeout
- Large-Scale Incident Response
- Tribal-State-Federal Coordination
- State Coordinating Officer (SCO)
- Tribal Coordinating Officer (TCO)
- Grant/Project Closeout
- Tribal CERT/Tribal TEEN CERT
- Instructor/Coordinator

Ricardo Bosques
Data Manager

Mr. Ricardo Bosques is a data and automated debris management system (ADMS) technology specialist for Tetra Tech, where his understanding of Federal Emergency Management Agency (FEMA) eligibility and documentation requirements for public assistance debris removal programs have aided him in quality control and oversight of multiple projects. Ricardo is responsible for the implementation of Tetra Tech's RecoveryTrac™ ADMS technology as well as oversight and management of field data managers and invoice analysts. He supports the implementation of ADMS in the field, as well as establishing quality assurance and project reporting standards for disaster debris monitoring operations. Ricardo has focused on providing complete auditable datasets that maximize reimbursement and are project worksheet ready.

- Disaster Debris Management
- Data Collection, Utilization, and Validation
- Data Management
- Report designs
- Reimbursement Policies and Procedures
- Public Relations
- Invoice Reconciliation

Jeff Dickerson
GIS Analyst

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 Director of Information Technology, Jeff is responsible for the planning, development, deployment of RecoveryTrac™ applications supporting the delivery of professional services for our clients.

Jeff has extensive experience in process improvement and application of advanced technology to boost efficiency in delivery of services. He has presented at the National Hurricane Conference on the use and application of technology to improve disaster response cost efficiency as well as supporting Client technology seminars.

- Recovery Technology Solutions / ADMS
- Resource Deployment and Tracking
- Readiness Training and Exercises
- Disaster Operations Support
- 20+ Years Military Experience

Geoff Reinhart
Billing/Invoice Analyst

Mr. Geoff Reinhart is an experienced CPA with both public and private sector experience. As a billing and invoice analyst at Tetra Tech, Geoff is responsible for reconciling contractor invoices and performing quality control on data to ensure that all FEMA guidelines for debris removal monitoring are successfully fulfilled.

Most recently, Geoff has been providing billing and invoicing analysis services to all Tetra Tech's projects related to Hurricane Ian. Following the disaster, Tetra Tech was activated by more than 40 clients. Geoff has been performing cost/budget and margin analyses and reviewing invoices and accruals.

- Accounting
- Fixed Assets
- Oracle
- Peoplesoft
- Data management
- Hauler invoice reconciliation and contracting
- FEMA appeals assistance

Stephanie Hernandez
Project Coordinator

Stephanie Hernandez brings five years of valuable experience at Tetra Tech, demonstrating her expertise in various roles related to debris recovery. As a Regional Project Coordinator, she successfully manages multiple projects across the United States. Her responsibilities include overseeing local project coordinators, facilitating coordination between project management and field staff, serving as a liaison for HR and payroll matters, and ensuring quality assurance and quality control of project documentation and time records.

- Project Coordination
- Project Setup
- Staff Training
- Organization
- QA/QC
- Scheduling and Dispatch
- Project Management

Spotlight On: Project Manager Katie Taylor



Katie Taylor
Project Manager

Ms. Taylor has served as a part of the Project Management team with Tetra Tech for Hurricanes Irma, Michael, Florence, Laura, Delta, Ida and Zeta. Ms. Taylor's unique experience serving Florida communities provides her with an exceptional knowledge of Florida operations, understanding of local requirements, and a personal stake in recovery in the state.

Ms. Taylor has directly supported numerous municipalities debris monitoring operations. Ms. Taylor has fostered relationships, shown dedication to their recovery, and provided effective and reliable project management to our team. She will continue to provide this level of commitment as our proposed project manager for future work.



While I hope Franklin County is spared from disasters, should the need arise, I am confident that my proven history of supporting debris operations in Florida will be of great benefit. I have served in a management capacity for the numerous municipalities ongoing debris operations. I look forward to continuing to strengthen my relationship with the County.



- Katie Taylor

20+

Years of Experience

10+

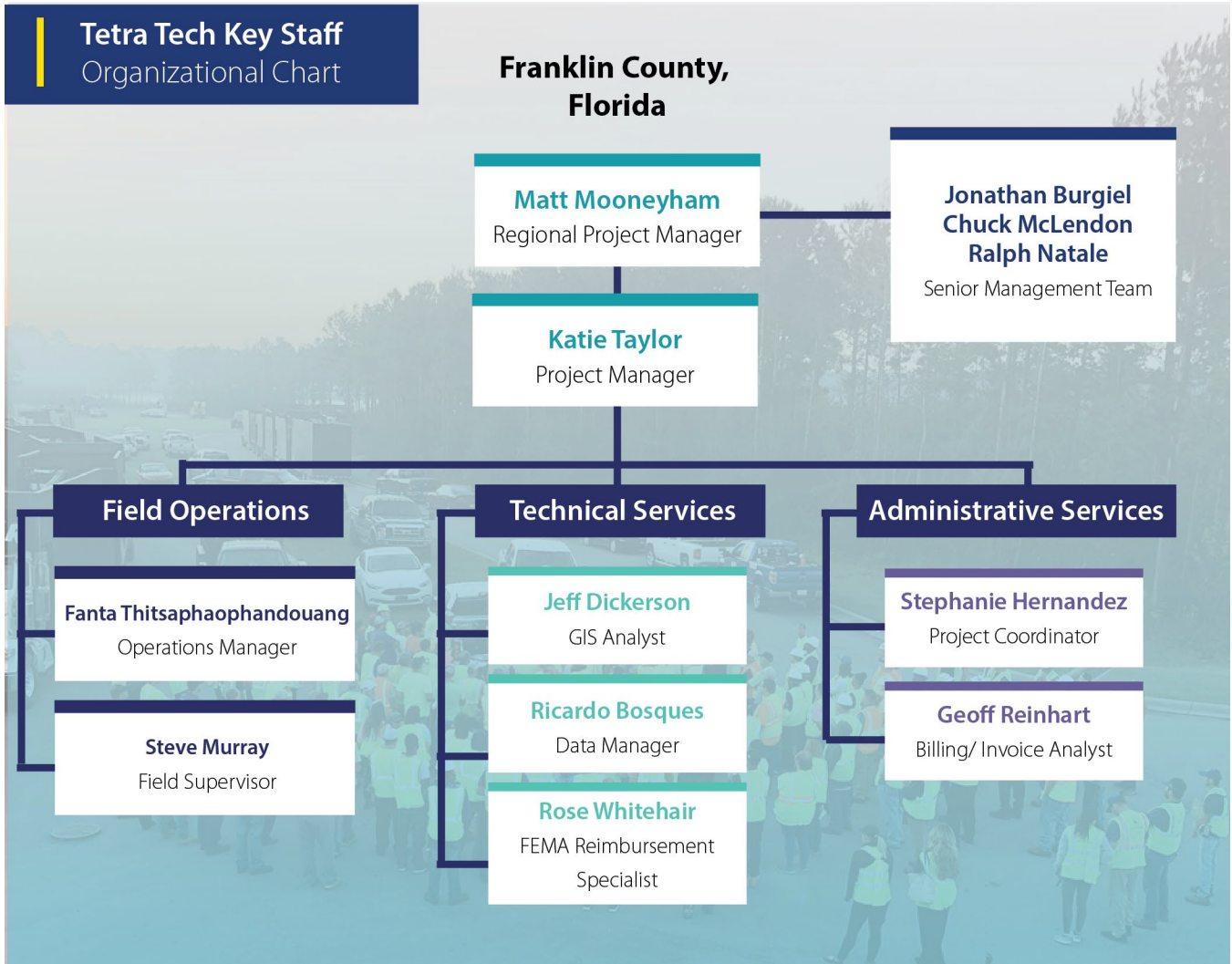
Disasters

4M+

Cubic Yards Managed

Organizational Chart

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. **Resumés have been included at the end of this section.**





30+ YEARS OF EXPERIENCE

100+ PROJECTS

\$8B GRANT FUNDING

Areas of Expertise

Disaster Recovery Program Design and Management

Federal Grant Management

Solid and Hazardous Waste Management

Grant Experience

FEMA PA

CDBG-DR

HMGP

Disasters

4796 Iowa Severe Storms

4781 Texas Severe Storms, Wind Event, and Floods

4724 Maui Wildfires

4734 Hurricane Idalia

4673 Hurricane Ian

4337 FL Hurricane Irma

4332 TX Hurricane Harvey

4286 SC Hurricane Matthew

4344 CA Wildfires

4084 Hurricane Isaac

4029 TX Wildfires

4024 Hurricane Irene

4106 CT Winter Storm

1791 Hurricane Ike

1679 FL Tornados

1602 Hurricane Katrina

1539 Hurricane Charley

& Several More

Education

University of Central Florida, Master of Business Administration, 1989

Tufts University, Bachelor of Arts, Economics, 1984

EXPERIENCE SUMMARY

As President of Tetra Tech's Disaster Recovery Business Unit, Mr. Jonathan 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. Jonathan 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.

Jonathan 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.

Jonathan 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

Jonathan has provided senior management oversight to the following projects:

- Iowa Non-Congregate Sheltering – Iowa Severe Storms, 2024
- 30 communities and over 1,500 staff in Florida – Hurricane Ian, 2022-2023
- Rental and Mortgage Assistance - rental assistance to 120,000 homeowners across 5 states, and mortgage assistance in Florida and Maryland resulting from COVID pandemic
- Hurricane Maria debris mission supporting the Commonwealth of Puerto Rico Department of Transportation, comprehensive support including environmental; grant management; homeowner and infrastructure support w/HUD funding
- City of Cedar Rapids, Iowa – Severe Flooding, 2020
- 67 communities and over 2,400 staff in Florida – Hurricane Irma
- 38 communities and over 1,400 staff in Texas – Hurricane Harvey
- CalRecycle/CalOES – State of California Camp Fire Response
- 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

Principal in Charge (2018-2019)

Camp Fire Response

Jonathan is responsible for oversight of debris and environmental work related to the hazardous material removal of over 12,000 parcels located in the County of Butte. This is possibly the largest debris operation in history.

Principal in Charge (2017)

Numerous Florida Jurisdictions | Hurricane Irma

Following Hurricane Irma in September of 2017, Jonathan oversaw debris monitoring operations for over 67 communities and 2,400 personnel across Florida. This included Miami Dade County, where at peak Tetra Tech had nearly 900 monitors working in the field. Documentation was created for almost 110,000 load tickets and over 78,000 unit rate tickets. In total, Tetra Tech monitored over 4,000,000 cubic yards of debris for the County.

Principal in Charge (October 2019-2021)

St. Johns County, Florida | HUD CDBG-DR Housing Rehabilitation Program Management

Jonathan was engaged with the County immediately following contract execution to assist with managing the CDBG-DR funds for St. John's Housing Rehabilitation and Reconstruction Program. To support the long-term recovery and restoration of the impacted areas, Jonathan managed the grant allocated to the recovery activities for over 300 properties including repair and elevation; reconstruction of properties, repair/replacement of damaged manufactured homes or mobile home units (MHUs), relocation of homeowners, and mortgage payment assistance.

Principal in Charge (October 2018-2021)

North Carolina Department of Public Safety | Hurricane Matthew HUD CDBG-DR Program Management

Serving as Principal-in-Charge for all environmental services for this \$400 million CDBG-DR program addressing 3,400 homes for rehabilitation. Tetra Tech will be performing an estimated 3,400 Tier 2 Reviews, 25 Tier 1 Reviews, 1,700 lead and asbestos risk assessments, and other required specialized environmental services (e.g., CESTs, EAs, etc.) as subcontractor to IEM Inc.

Principal in Charge (November 2018-2020)

Florida Department of Economic Opportunity | HUD CBDG-DR Rehab/Reconstruction Program

Jonathan 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

Principal in Charge (October 2018-2024)

Texas General Land Office | HUD CBDG-DR Housing Rehab/Reconstruction Program

Jonathan 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.

Senior Project Manager (June 2017-December 2017)

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 2015-2018)

Richland County, South Carolina | Comprehensive Post-Disaster Flood Support Services

Following the State of South Carolina's 1,000-year flooding event that took place from October 1–5, 2015, Jonathan led a team of Tetra Tech staff to provide comprehensive disaster recovery services to Richland County immediately following the historic flooding event. Services included but were not limited to FEMA PA reimbursement support, procurement package development

for over 270 road and bridge repairs, well testing and disinfection program management, a post-disaster outstanding needs assessment, flood mitigation planning support, grant funding strategic plan development, and coordination and technical support activities among the County, State and FEMA agencies.

Principal-in-Charge (October 2015-October 2016)

Lexington County, South Carolina | HUD CDBG-DR Residential Buyout Programs

Jonathan served as principal-in-charge of Lexington County's residential buyout programs funded by HUD CDBG-DR grant funds. As part of this effort, Tetra Tech is providing comprehensive housing buyout activity services including applicant outreach, buy-out packet preparation and demolition cost estimating, oversight of demolition contractor activities, payment recommendation and project close out on over 100 homes. The work involves management of over \$16 million of HUD CDBG-DR grants.

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, Jonathan provided technical support in the Hays County, Texas Emergency Operations Center (EOC) during and immediately following the flooding disaster. As part of these services, Jonathan 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. Jonathan 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 (April 2012-May 2013)

State of Vermont | Federal Grant Management Services

Following Hurricane Irene, the State of Vermont faced the daunting task of maintaining critical operations. Under Jonathan's direction, within 48 hours our team deployed a team of experts to the state emergency operations center (EOC). Jonathan and our grant management team provided consulting services and managed the recovery process. Our team collected, reviewed, and offered technical assistance to applicants on their Hazard Mitigation Grant Program (HMGP) applications.

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. Jonathan 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.

Senior Management (September 2004-September 2009)

City of Orlando, Florida | Disaster Debris Program Management

Jonathan served in a senior leadership role and assisted the City of Orlando with a range of storm recovery monitoring and management activities. Jonathan was responsible for managing a full support team involved with staging operations, load inspections for storm debris cleanup performed by contract haulers, scheduling, dispatching, and logistics operations for the field inspectors assigned to storm debris cleanup. Our team's assistance enabled the City of Orlando to promptly apply for and receive reimbursement for the total cleanup cost from state and federal emergency management agencies.

Senior Management (February-April 2007)

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

Our team was retained by Volusia to assist with monitoring of cleanup efforts following the Groundhog Day tornadoes that swept through Central Florida during the early morning hours, leaving 20 people dead and many others injured and without homes. Under Jonathan's direction, our team mobilized a response team to the area to help identify critical debris removal areas and initiate its ROW debris removal operation. Jonathan oversaw the management of a full support team involved with staging operations, load inspections for storm debris cleanup, and logistics operations for the field inspectors.



33+ YEARS OF EXPERIENCE

125M CYS OF DEBRIS

\$3B FEMA PA REIMBURSEMENT

Areas of Expertise

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

Disasters

DR-4796-IA, Iowa Severe Storms
 DR-4794-FL, Florida Severe Storms
 DR 4734-FL, Hurricane Idalia
 DR4673-FL, Hurricane Ian
 DR-4559-LA, Hurricane Laura
 DR-4393-NC, Hurricane Florence
 DR 4337-FL, Hurricane Irma
 DR-4283-FL, Hurricane Matthew
 DR-4241-SC, Severe Flooding
 DR-1971-AL, Tornado Outbreak
 DR-4024-VA, Hurricane Irene
 DR-1603-LA, Hurricane Katrina
 BP Deepwater Horizon Oil Spill

Education

Florida State University, Bachelor of Science, Business Marketing

EXPERIENCE SUMMARY

Mr. Chuck McLendon serves as the Deputy Business Unit Leader for Tetra Tech’s Emergency Management practice area and has been providing consulting engineering services to federal, state, and local governments across the U.S. for more than 30 years. He provides overarching management support for Tetra Tech activations across the globe. 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 33 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 125 million cubic yards of debris and upwards of \$3 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

Severe Storms (2024)

Leon County and City of Tallahassee, FL

Chuck provided supervisory support and client management following the severe storms that occurred in North Florida in May 2024. He coordinated with the on-site project managers and supervisors to ensure both clients were supported throughout the recovery process.

Hurricane Idalia (2023)

Florida Department of Environmental Protection

Chuck provided supervisory support to Tetra Tech’s activation by the FDEP following Hurricane Idalia’s impact on the Big Bend area of Florida. Chuck ensured that Tetra Tech deployed all required resources to support the FDEP in removing debris from numerous state maintained waterways including the Suwannee River as well as several State parks.

Hurricanes Ian and Nicole (2022)

Numerous Florida Jurisdictions

Following Hurricanes Ian and Nicole, Chuck served as regional program manager supporting over 15 Tetra Tech clients – including Orange County, Volusia County, Seminole County, and the Florida Park Service - in standing up and operating debris removal programs. Chuck served as a senior subject matter expert and assisted Tetra Tech’s clients and project managers in maintaining FEMA-compliant programs and resolving various challenging issues.

Surfside Condominium Collapse (2021)

Miami-Dade County, Florida

The collapse of the twelve story Champlain Towers South condominium was a high-profile, catastrophic event. Chuck served as Principal in Charge for Tetra Tech to Miami-Dade County following the collapse on June 24, 2021. Chuck was on the ground at the collapse site within hours of the building collapse and County activation in order to assess the resources needed to assist the County with emergency debris removal. Over the next several days, he assisted the County with contractor procurement efforts in addition to developing and executing a plan to monitor debris removal both from a FEMA reimbursement and evidentiary debris removal perspective.

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 Chuck. Following the impact of Hurricane Sally, Chuck 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 Laura (2020)

Calcasieu Parish, LA

Chuck mobilized immediately to the Lake Charles, LA area in the aftermath of Category 4 Hurricane Laura. He facilitated the initial kick-off meeting with the Parish and debris contractor and developed an immediate staffing and logistics plan for the Parish. He worked closely with our on-site project manager and senior staff from the debris contractor to ensure that emergency roadway clearance (push) crews were dispatched with their work times and locations tracked. Chuck worked throughout the project with Tetra Tech project management staff to ensure that all of the parish's needs met.

Hurricane Florence (2018)

Boiling Spring Lakes, NC and Briarcliff Acres, SC

Following Hurricane Florence, Chuck 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, Chuck provided senior oversight of debris monitoring operations across seven counties – 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

Chuck 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. Chuck oversaw a team of Project Specialists in drafting and versioning project worksheets.

Hurricane Matthew (2016)

St. Johns and Flagler Counties, Florida

Chuck 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, Chuck was regularly relied upon by County staff for policy guidance related to the County's overall recovery effort.

Severe Flooding (2015)

Clarendon County, South Carolina

Chuck provided on-site technical assistance to Clarendon County following a catastrophic flooding event in 2015. Chuck assisted the County with coordination and communications with the South Carolina National Guard in the repair of County-maintained roadways. Chuck also assisted with various procurements associated with temporary and permanent repairs while helping the County to develop a system to track materials used for roadway stabilization/repair.

Severe Flooding (2014)

Escambia County, Florida

Chuck served as the Recovery Program Manager for Escambia County, Florida following a 500-year flooding event that resulted in upwards of \$100 million in damages to Escambia County. Chuck assisted with the damage assessment documentation process, procured engineers and contractors for both temporary and permanent repairs, and helped the County Public Works Dept. with overall reimbursement efforts.

Hurricane Isaac (2012)

Jefferson Parish, Louisiana

Chuck served as Principal in Charge and Project Manager to Jefferson Parish following Hurricane Isaac in 2012. A very minor hit in comparison to Hurricane Katrina, the County still had very high expectations for a rapid debris removal program. Chuck organized a strong team that provided right of way debris removal as well as staffing at citizens convenience sites.

Northern Alabama Tornadoes Debris Monitoring (2011)

U.S. Army Corps of Engineers

Chuck served as Principal in Charge in supporting a QC team activated to support the debris management mission in Tuscaloosa, AL following the 2011 northern Alabama tornado outbreak. Chuck was essential in ensuring that the project was properly staffed with trained individuals to support the USACE mission.

Hurricane Irene (2010)

Virginia Department of Transportation

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

Deepwater Horizon Oil Spill (2010)

Escambia and Santa Rosa Counties, Florida

Chuck provided comprehensive field environmental and reimbursement services to Escambia and Santa Rosa Counties, Florida (located in the Florida Panhandle) following the Deepwater Horizon Oil Spill. Chuck led efforts to procure containment boom contractors as well the program management of daily containment boom operations. Chuck was also responsible for implementing a large-scale training program for County staff and volunteers on OSHA's Hazardous Waste Operations and Emergency Response Standard (HAZWOPER).

Hurricane Ike (2008)

Galveston County and City of Galveston, TX

Chuck 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 Ike (2008)

Texas Department of Transportation

Chuck served as Principal in Charge for disaster recovery services to the Beaumont District of TXDOT following Hurricane Ike. Chuck oversaw a team to assist the District with debris monitoring as well as overall FEMA PA reimbursement services.



15+ YEARS OF EXPERIENCE

250+ PROJECTS

\$4.5B+ REIMBURSED INVOICES

Areas of Expertise

Program Development
 Documentation Management
 Private Property Debris Removal
 Debris Removal Planning
 Debris Removal Monitoring
 Packet Management
 Geospatial Reporting

Grant Experience

FEMA-PA
 NRCS-EWP
 FHWA-ER
 CDBG-DR

Disasters

4781 Texas Severe Storms, Wind Event, and Floods
 4724 Maui Wildfires
 4734 Hurricane Idalia
 4673 Hurricane Ian
 4240 Valley and Butte Fires
 4084 Hurricane Isaac
 1971 Alabama Tornadoes
 1609 Hurricane Wilma
 1602 Hurricane Katrina
 & Several More

Certifications

OSHA 40-Hour Asbestos Training
 IS-632: Debris Operations
 HSEEP-Certified
 OSHA Asbestos Health and Safety
 IS-30: Mitigation Grants System
 IS-100, 200, and 700: ICS and NIMS
 IS-630: Intro to the PA Process

EXPERIENCE SUMMARY

Mr. Ralph Natale is the director of post-disaster programs for Tetra Tech, encompassing HUD and Case Management operations, FEMA funding operations, and debris monitoring operations. He leads the practices by developing programs, providing daily project support, and providing oversight and guidance to his team of project managers and projects. Ralph is an expert in Federal Emergency Management Agency-Public Assistance (FEMA-PA) Grant Program reimbursement policies and has administered over 250 projects in his 15-year-plus career.

Ralph specializes in large scale responses and has served as a principal in charge or project manager in response to some of the country's largest disasters, including 19 state-level responses after major hurricanes, floods, and fire events. This includes managing and documenting the removal of over 66 million cubic yards (CYs) of debris, 1.7M hazardous trees, and the program management of debris collection and demolition of over 35,000 parcels on fire removal projects and over 200,000 environmental samples. The HUD projects that Ralph has overseen have encompassed 5,000 parcels, and the Department of the Treasury ERAP projects he has overseen have benefited 100,000 residents.

RELEVANT EXPERIENCE

Senior Management Team | Grant Management, Case Management, and Debris Monitoring

As the Operations oversight for all Grant Management, Case Management, and Debris Monitoring projects, Ralph is responsible for developing and implementing strategic plans to help Tetra Tech's clients receive as much grant funding as possible in the wake of disasters. He works with the leaders in each of these practices to ensure the teams are compliant in funding requests and that they optimize resource allocation. He plays a pivotal role in administering FEMA Public Assistance and HUD CDBG programs, liaising with government agencies, and ensuring eligibility criteria are met. He oversees operational functions, streamlines processes to help the staff spend more of their time focused on their projects, and fosters a cohesive work environment. Overall, Ralph oversees a broad spectrum of responsibilities and tasks that makes Tetra Tech effective at being a full-spectrum recovery provider.

Several recent key projects include the following:

- Puerto Rico Department of Housing | Environmental Reviews (2021 – 2023)
- Texas Emergency Rental Assistance Program (2022 – 2023)
- State of Connecticut Public Assistance Services (2019 – present)
- Harris County, Texas | Environmental Review (2020 – 2022)

Subject Matter Expert | Public Assistance, Case Management, Program Management, and Debris Monitoring Services

Ralph has served as a program manager and grant consultant for state and local governments during his extensive career in disaster debris industry. This includes the largest debris projects since Hurricane Katrina for federal, State, and local government work. Ralph also supports missions as a senior consultant serving as a member of the State of Connecticut Emergency Operations Debris Task Force, where he was activated during the recovery operations following Hurricane Irene and Winter Storm Alfred.

Ralph has also served on the following projects:

- Hurricane Beryl (2024 – Current)
- Texas Severe Storms, Wind Event, and Floods (2024 – Current)
- Desoto County Emergency Watershed Project (2024 – Current)
- Maui Wildfires (2023 – Current)
- Hurricane Idalia (2023 – Current)
- State of Vermont Floods (2023 – 2024)
- Hurricane Ian (2022 – 2023)
- State of California Dixie Fire Response (2021)
- Hurricane Laura (2021 – 2024)
- State of California Camp Fire Response (2018 – 2020)
- Hurricane Michael local and USACE response (2018 – 2019)
- NorCal Wildfires | USACE (2017 – 2018)
- Hurricane Harvey (2017 – 2018)
- Hurricane Ike, Severe Droughts, Floods | City of Houston, Texas (June 2009 – Present)
- Winter Storms | State of Connecticut, Interagency Debris Management Task Force (August 2010 – Present)
- Katrina New Orleans Demolitions Phase 3 (2010 – 2018)

Principal in Charge/Senior Program Manager

As director of post-disaster programs for Tetra Tech, Ralph has focused on developing and improving program management processes. These processes ensure the most efficient methods of managing debris removal programs to maximize federal reimbursement via the FEMA 325 and 327 guidelines. As a senior program manager, Ralph ensures quality control and quality assurance of project managers' deliverables on all Tetra Tech projects. A representative list of projects he has worked on is included below.

Hurricane Ian

Following Hurricane Laura in September of 2022, Ralph oversaw debris monitoring operations for many of Tetra Tech's Gulf Coast clients, including Collier County and associated cities with over 3,000 damaged homes and \$2 billion in damage. Documentation required simultaneous tracking of right-of-way (ROW), leaner/hanger/stumps (LHS), parks, and private road debris streams from multiple applicants, with the County alone generating over 1.3 billion cubic yards of storm debris.

Hurricane Laura

Following Hurricane Laura in August of 2020, Ralph oversaw debris monitoring operations for over 11 communities and 1,000 personnel across Louisiana. This included the Calcasieu Parish/Lake Charles area, where at peak Tetra Tech had nearly 600 monitors working in conditions typical of a category 4 hurricane. Without power or infrastructure, the operational response plan was implemented, and our team had to mobilize and establish power and infrastructure for all the projects. This was completed successfully without any debris haulers having to wait on monitoring resources.

Hurricane Michael

Following Hurricane Michael in September of 2018, Ralph oversaw debris monitoring operations for several communities in the Florida Panhandle and a USACE response in Georgia that covered 12 counties. The devastation was 250 miles wide for this category 5 storm, which included working in areas that had no power or electricity for well over a month. At peak, Tetra Tech had nearly 600 monitors working in the field. Documentation was created for almost 10 million cubic yards of debris. Work also included NRCS funding of nearly 25 miles of waterways through Bay County, FL.

Camp Fire Response

Ralph serves as project manager and is responsible for oversight of debris and environmental work related to the hazardous material removal of over 12,000 parcels located in the County of Butte. This is possibly the largest debris operation in history with over 2 billion dollars in costs.

Northern California (NORCAL) Wildfire Response (November 2017 – Present)

Ralph serves as principal in charge for USACE ADMS services for all the work completed after the Northern California wildfires in 2015. This included debris and environmental services of over 8,000 homes and over 1 billion dollars in costs. Ralph oversees the overall project management team and assists with staffing and logistics for this four-county response.

Florida Department of Environmental Protection (2016 – 2018)

Ralph serves as principal in charge for FDEP waterways debris removal programs (wet debris). Unlike conventional debris removal programs that are well established, every waterway program needs a level of customization. Ralph has provided this oversight working with the State of Florida, FEMA, and the local counties that recovery was being conducted. Counties worked post Matthew and Irma include Nassau, St. Johns, Ventura, Brevard, Monroe, Collier, and Lee.

California | Valley and Butte Fire (October 2015 – 2016)

Ralph helped create and implement programs for several projects after the Valley and Butte fires of 2015, which burned over 150,000 acres of forests and destroyed over 2,000 homes, with recovery costs of over \$300 million. Each program developed was unique but necessary for the community as a whole to recover. Programs included geospatial live tracking of work completed and equipment deployed; mitigation of hazardous trees from rights of ways and private property that was fully funded by CalOES and FEMA; private property debris removal packet management and database support; and management of a unique mix of environmental scientists and debris specialists to provide documentation for remediation of asbestos and other contaminants left behind, including debris quantities. These clients included Lake County Public Works, CalRecycle (AJ Diani), CalRecycle (Sukut), and PG&E.

Project Management

On large debris projects, Ralph will be temporally relieved of his director duties by senior management support and focus on the management of a single project. As a result, Ralph has managed some of the largest debris-generating projects in the country with great success.

United States Army Corps of Engineers (USACE)

Tetra Tech has a rich history of working with the USACE, which is often called upon to respond to some of the most devastating disasters the country faces. The USACE selects debris removal contractors to work in the regions. For these events, Tetra Tech provided a variety of services, from documentation, environmental services, its *RecoveryTrac*™ automated debris management system (ADMS), and monitoring services.

- **State of California Wildfires (2017)** – Tetra Tech’s USACE response to the California wildfires is the largest ADMS activation in U.S. history. This effort included mobilizing over 800 staff members to serve the contracts. Throughout multiple disaster debris management projects for multiple clients, our team has monitored the removal of debris from over 8,000 fire-damaged properties, including 30,000 standing dead trees and totaling \$1.5 billion in reimbursable costs.
- **State of Georgia Hurricane Michael (2018)** – As part of our USACE advanced contracting initiative (ACI), Tetra Tech was mobilized to provide debris monitoring and documentation for all 13 affected counties under the USACE mission. Upon notification, Tetra Tech immediately mobilized senior management and data staff and began the recruitment, hiring, and training of over 500 southwest Georgia residents. Each one of the 13 counties under our purview was assigned a unique project management team and data manager. In total, our team monitored over 4.7 million cubic yards of debris.
- **State of New Mexico Wildfires (2022)** – The wildfire was the largest of the record-breaking 2022 New Mexico wildfire season, and the largest wildfire of 2022 in the contiguous United States. The fire destroyed at least 903 structures, including several hundred homes, and damaged 85 more, while threatening more than 12,000 other structures in the region. Tetra Tech assessed nearly 500 properties and monitored more than 300 properties for debris and/or tree removal following this event.
- **Maui County Wildfires (2023)** – As part of the disaster recovery team for the Maui Wildfires, Tetra Tech is working as a subcontractor under ECC, which is the prime contractor for USACE. The crews will handle the removal of debris in two phases: Phase 1 is the removal of hazardous materials and Phase 2 is the removal of fire-related debris. Early reports estimate that the debris includes approximately 1,500 residential properties, 500 commercial properties, and 800 cars. Of the two burn scars that occurred due to the Maui fires, the teams started with the Kula Upcountry Fire, and then moved to the Lahaina portion of the debris, which needed to occur after debris monitoring sites had been established. There will be three debris sites: one for metal, one for concrete, and then the Maui Central Landfill.



13 YEARS OF EXPERIENCE

Areas 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
Category A documentation and Eligibility Requirements

Education

Pensacola State College
Associate of Arts, General Studies

EXPERIENCE SUMMARY

Mr. Matt 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 of 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.

Matt was selected for this project because of his in-depth experience responding to large-scale disasters around the nation. He is equipped to lead teams across large areas in a way that is efficient and compliant with all regulations.

RELEVANT EXPERIENCE

Regional Project Manager

Tetra Tech, Inc.

As a Regional Project Manager, Matt supports the Project Managers that are dedicated to each project. He coordinates debris removal efforts with the clients, contractors, and program managers across multiple projects to make the best use of resources. Due to his stellar performance, Matt often supports previous clients, such as the City of Lake Charles, when the City finds itself in a position of need.

- Leon County and City of Tallahassee, FL – Severe Storms, 2024-Present
- State of Colorado and the City of Denver, CO – Migrant Shelter Operations, 2023-2024
- Leon County, FL – Hurricane Idalia, 2023
- City of Rolling Fork, MS – Tornadoes, 2023
- Sharkey County, MS – Tornadoes, 2023
- Bibb County, AL – Tornado, 2021
- City of Lake Charles, LA – Severe Storms, 2021
- Tangipahoa Parish, LA – Hurricane Ida, 2021
- City of Diamondhead, MS – Hurricane Ida, 2021
- City of Gulfport, MS – Hurricane Ida, 2021
- City of Lake Charles, LA – Hurricane Laura, 2020
- City of Westlake, LA – Hurricane Laura, 2020
- Town of Iowa, LA – Hurricane Laura, 2020
- City of DeQuincy, LA – Hurricane Laura, 2020

Project Manager

Tetra Tech, Inc.

Matt has provided project implementation and oversight and served as the primary point of contact for client staff, contractors, and FEMA representatives. He also oversaw operations and the hiring and training of local debris monitors, where he was deployed for project setup and to establish field operations.

- City of Nashville, TN – Tornadoes, 2023-2024
- AshBritt (Tetra Tech as subcontractor) – Hurricane Idalia, 2023
- Highlands County, FL – Hurricane Ian, 2022-2023
- City of Pensacola, FL – Hurricane Sally, September-November 2020
- Linn County, IA – Severe Storms and Straight-Line Winds, August 2020-January 2021
- City of Springfield, FL – Hurricane Michael, October 2018-May 2019
- City of Parker, FL – Hurricane Michael, October 2018-May 2019
- City of Callaway, FL – Hurricane Michael, December 2018-May 2019
- City of New Bern, NC – Hurricane Florence, September-October 2018
- Polk County, FL – Hurricane Irma, October 2017-May 2018
- Highlands County, FL – Hurricane Irma, October 2017-May 2018

Katie Taylor | Project Manager

EXPERIENCE SUMMARY

Katie Taylor is a Florida resident with over 20 years of experience managing various sectors of the disaster/construction industry. Her expertise includes federal/military construction, state government such as, Florida Department of Transportation (FDOT) and the Florida Department of Environmental Protection (FDEP), and emergency management and response. Katie has completed millions of dollars of federal projects from building construction, remodeling, painting, demolition, to infrastructure including roadway projects as well as large scale asbestos abatement projects. Katie has served as a part of the Project Management team with Tetra Tech for Hurricanes Irma, Michael, Florence, Laura, Delta, Zeta, and most recently Hurricane Ida in Louisiana. She has also managed the cleanup efforts following severe flooding in Louisiana, as well as tornadoes that impacted Alabama.



Katie's bilingualism in both English and Spanish ensures that she can communicate across cultural and linguistic barriers, enhancing the quality and efficiency of the services Tetra Tech provides.

20 YEARS OF EXPERIENCE

Areas of Expertise

- Disaster Debris Monitoring
- Emergency Management
- Management/Project Management
- Federal Construction

Grant Experience

- FEMA Public Assistance (PA)

Special Skills

- Fluent in Spanish

Education

- Mississippi College, Bachelor of Science

"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. . . 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 on 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."

-Scott R. Henson and Jim Reece, Waste Resources Program Managers, Okaloosa County, FL

RELEVANT EXPERIENCE

Project Manager

As Project Manager, Katie is responsible for implementation of the specific programs tasked by the City or County. She is also responsible for program oversight, task order preparation, forecasting, and quality assurance.

| Client | Project | Dates Worked | Programs | CYs/Tons | Staff | Project Cost |
|--------------------------|--|-------------------------|--------------------------------------|---------------------------|-----------|---------------|
| Leon County, FL | Severe Storms | May 2024-Present | ROW | TBD | TBD | TBD |
| City of Tallahassee | Severe Storms | May 2024-Present | ROW | TBD | TBD | TBD |
| Calcasieu Parish, LA | Hurricane Laura | November 2023-Present | PPDR | TBD | TBD | TBD |
| Leon County, FL | Hurricane Idalia | September-November 2023 | ROW | 22,807 CYs | 23 Staff | \$571,244 |
| City of Lake Charles, LA | Hurricane Laura | 2022 | PPDR | 20,568 CYs and 3,861 Tons | 50 Staff | \$2,903,724 |
| Calcasieu Parish, LA | Severe Storms, Tornadoes, and Flooding | 2021 | ROW | 5,401 CYs | 19 Staff | \$259,803 |
| Calcasieu Parish, LA | Hurricane Laura | 2021 | ROW, ROE, PPDR, Parks, and Waterways | 9,309,837 CYs | 938 Staff | \$304,540,335 |
| City of Gulfport, MS | Hurricane Zeta | 2021 | ROW | 483,147 CYs | 96 Staff | \$7,204,267 |
| Baldwin County, AL | Hurricane Sally | 2021 | ROW and Parks | 4,449,278 CYs | 439 Staff | \$69,210,200 |
| City of Covington, LA | Hurricane Ida | 2021 | ROW | 157,626 CYs | 76 Staff | \$4,337,533 |
| Tangipahoa Parish, LA | Hurricane Ida | 2020-2021 | ROW, ROE, and PPDR | 3,092,064 CYs | 465 Staff | \$49,921,126 |
| City of Sulphur, LA | Hurricane Laura | 2020 | ROW and PPDR | 838,412 CYs | 101 Staff | \$16,816,536 |
| Town of Vinton, LA | Hurricane Laura | 2020 | ROW | 144,749 CYs | 50 Staff | \$2,664,414 |

| Client | Project | Dates Worked | Programs | CYs/Tons | Staff | Project Cost |
|---------------------|-----------------|--------------|----------|---------------------------|----------|--------------|
| Okaloosa County, FL | Hurricane Sally | 2020 | ROW | 30,802 CYs and 1,138 Tons | 17 Staff | \$583,009 |

Regional Project Manager

As a Regional Project Manager, Katie is responsible for communicating with the respective communities, scheduling debris removal operations, ensuring that debris and documentation remains segregated, and communication with City and County staff.

| Client | Project | Dates Worked | Programs | CYs | Staff | Project Cost |
|--------------------------------------|---------------|------------------------|----------|---------------|-----------|--------------|
| Polk County and Highlands County, FL | Hurricane Ian | October 2022-June 2023 | ROW | 1,567,827 CYs | 361 Staff | \$29,701,174 |

Regional Operations Manager

As a Regional Operations Manager, Katie is responsible for the implementation of Tetra Tech’s work plans, dispatching field personnel, staffing, safety, field logistics, and training. She verifies eligibility, compliance, and collection and disposal operations oversight and coordinate directly with our project manager daily with progress reports and on specific issues.

| Client | Project | Dates Worked | Programs | CYs | Staff | Project Cost |
|---|-------------------|--------------|--|---------------|-----------|--------------|
| City of Parker, FL | Hurricane Michael | 2018-2019 | ROW | 548,766 CYs | 71 Staff | \$7,972,786 |
| City of Springfield, FL | Hurricane Michael | 2018-2019 | ROW, ROE, PPDR, Parks, and Waterways | 754,060 CYs | 149 Staff | \$13,904,091 |
| Bay County, FL | Hurricane Michael | 2018-2020 | ROW, PPDR, Canals, Waterways, and Drainage Ditches | 1,385,464 CYs | 247 Staff | \$58,979,798 |
| Florida Dept. of Environmental Protection | Hurricane Michael | 2018 | Waterways | 111,615 CYs | 37 Staff | \$15,998,731 |

Operations Manager

As an operations manager, Katie is responsible for overseeing and documenting the final processing of all debris. She coordinates with the debris haulers to ensure the appropriate crew numbers were allotted to meet timelines. In addition to training debris monitors, she oversees truck certifications, field activities, and disposal operations; oversaw truck certifications; established staffing schedules, logistics, and asset management; and provided project oversight across multiple projects.

| Client | Project | Dates Worked | Programs | CYs/Tons | Staff | Project Cost |
|--------------------------------------|--------------------|--------------|-------------------|-----------------------------------|-----------|--------------|
| City of New Bern, NC | Hurricane Florence | 2018 | ROW and Waterways | 165,226 CYs and 19,806 Tons | 92 Staff | \$4,524,526 |
| Polk County and Highlands County, FL | Hurricane Irma | 2017-2018 | ROW | 3,161,693 CYs and 56,792,899 Tons | 543 Staff | \$43,134,697 |

7 YEARS OF EXPERIENCE

Areas of Expertise

Disaster Debris Management

Right-of-Entry

Hazard Tree Eligibility

Monitor Training

Monitor Dispatch

Right-of-Way Debris Removal

Disposal Operations

Field Operations

Quality Assurance/Quality Control

Demolition Operations

Key Training/Certifications

40-Hour HAZWOPER

Flood Cleanup Awareness Training

Lead Risk Assessor

EXPERIENCE SUMMARY

Fanta Thitsaphaophandouang (Fanta) is an experienced field and operations manager supporting numerous projects for Tetra Tech. Fanta has been a key member of some of Tetra Tech's largest Fire Response Missions in recent history. In addition to his extensive fire work, Fanta has also worked for Tetra Tech as a public liaison and site inspector during our Rebuild Florida engagement, a staff recruiter and operations manager.

RELEVANT EXPERIENCE

Quality Control

As QA/QC manager, Fanta is planning a role in the QA/QC of the Maui Fires – Lahaina PPDR program. Fanta is managing all real-time reporting collected by *RecoveryTrac*™ and overseeing our virtual command center to audit project information as it is collected. This will prevent ticket errors, reduce invoice reconciliation timeframes, prevent fraud, and establish a sound dataset for future audits.

- ECC – Lahaina PPDR Phase 2, 2024 (Present)

Operations Manager

Fanta worked closely with data managers and ADMS specialists to document and track operations and deliver expeditious and accurate reporting to key stakeholders. His duties included overseeing the day-to-day operations of debris monitoring, training and scheduling of monitors, tracking of debris, and project QC. Additionally, he monitors site safety and maintains safety awareness to ensure a safe working environment for all personnel.

- Florida Department of Environmental Protection – Hurricane Idalia, 2023
- Charlotte County, FL – Hurricane Ian, 2022
- Miami Dade, FL – Surfside Building Collapse, 2021
- Pinellas County, FL – Hurricane Irma, 2017

Area Leader

As an Area Leader for numerous fire response activations, Fanta was responsible for supervising debris and tree operations, ensuring truck certifications, scheduling and training staff, and overseeing Quality Assurance and Quality Control of field documentation for multiple counties.

- CalRecycle – Northern Branch Complex Fire, 2020
- CalRecycle – Caldor Fire, 2021

Division Supervisor

As a Division Supervisor, Fanta's responsibilities included oversight scheduling and management of Task Force Leaders that were assigned to monitor and document debris removal efforts. Fanta was responsible for direct field oversight, upward reporting, Quality Assurance and Quality Control (QA/QC), health and safety, and field documentation.

- CalRecycle – Camp Fire, 2019

Site Inspector

Fanta completed home inspections to assist Damage Claims Adjusters with cost of repair estimations. Inspections included interior and exterior structural documentation and measurement as well as an environmental inspection of the surrounding property.

- ReBuild Florida – Hurricane Irma, 2019

Task Force Leader – Disposal Site

As a Task Force Leader at the disposal site, Fanta was responsible for completing a record of contract haulers' cubic yardage and other necessary recordkeeping on the load ticket, documenting each load ticket before permitting trucks to proceed from the check-in area to the tipping area, performing DOT vehicle certification of qualified participants, and documenting truck hauling compartment condition using digital photographs. In addition, the job requires documentation of QC 214's, disposal tower logs, debris/tree ticket logs, and any additional documentation received from the jobsite.

- Sonoma County, CA – NORCAL Fire, 2017
- CalRecycle – Thomas Fire, 2018
- CalRecycle – Carr Fire, 2018

9+

YEARS OF
EXPERIENCE

20+

DISASTERS

\$8.2M+

GRANT
FUNDING**Areas of Expertise**

Disaster Debris Management

Data Collection, Utilization, and
Validation

Data Management

Report designs

Reimbursement Policies and
Procedures

Public Relations

Invoice Reconciliation

EducationUniversity of Texas at San Antonio,
Bachelor of Science in Biology with
a Concentration in Microbiology/
Immunology**EXPERIENCE SUMMARY**

Mr. Ricardo Bosques is a data and automated debris management system (ADMS) technology specialist for Tetra Tech, where his understanding of Federal Emergency Management Agency (FEMA) eligibility and documentation requirements for public assistance debris removal programs have aided him in quality control and oversight of multiple projects. Ricardo is responsible for the implementation of Tetra Tech's *RecoveryTrac*™ ADMS technology as well as oversight and management of field data managers and invoice analysts. He supports the implementation of ADMS in the field, as well as establishing quality assurance and project reporting standards for disaster debris monitoring operations. Ricardo has focused on providing complete auditable datasets that maximize reimbursement and are project worksheet ready.

RELEVANT EXPERIENCE**Senior Data Manager (2020-Present)****Various Clients and Projects**

Ricardo handles overall project setup for various Tetra Tech disaster response monitoring operations through *RecoveryTrac*™ ADMS. He also creates and oversees specialized reporting requested by the clients, handles debris contractor invoicing data and documentation, provides client demonstrations of the geoportal GIS tracking system, abiding and following FEMA compliance pertaining to the debris removal operations, and data tracking.

Ricardo has supported the following projects as the Senior Data Manager:

- Hurricane Idalia – Florida Department of Environmental Protection: Parks and Waterways, Leon County, Pasco County, and City of St. Petersburg, Florida, 2023
- New Mexico Wildfires – United States Army Corps of Engineers, 2023
- Severe Storms and Floods – State of Vermont, 2023
- Severe Storms and Tornadoes – City of Tulsa, Oklahoma, 2023
- Severe Storms and Tornadoes – City of Rolling Fork, Mississippi, 2023
- Severe Storms and Tornadoes – City of Sherwood and City of North Little Rock, Arkansas, 2023
- Hurricane Ian – Sarasota County, Charlotte County, Collier County, Polk County, Manatee County, Volusia County, Highlands County, Seminole County, Orange County, and the City of Cape Coral, Florida, 2022
- Severe Winter Storms – Warren County and City of Bowling Green, Kentucky
- Lake Houston Silt Removal | 2022 – City of Houston, Texas, 2022
- Hurricane Ida – Audubon Nature Institute, City of Central, City of Covington, Iberville Parish, St. John the Baptist Parish, St. Helena Parish, St. James Parish, Tangipahoa Parish, Town of Gramercy, and Town of Lutcher, Louisiana, 2021
- Hurricane Zeta – Dallas County, Marengo County, and Wilcox County, Alabama; City of Diamondhead, City of Gulfport, and Hancock County, Mississippi, 2020
- Hurricane Laura – Orange County, Texas; Jefferson Davis Parish, City of Lake Charles, Calcasieu Parish, Acadia Parish, Rapides Parish, City of Dequincy, City of Crowley, City of Sulphur, City of Vinton, City of Westlake, and Town of Iowa, Louisiana, 2020

Invoice Reconciliation Manager (January 2019-December 2019)

CalRecycle | Camp Fire

Ricardo served as the invoice reconciliation manager for the prime debris contractor Ceres Environmental, Inc. following the Camp Fire incident.

- Provided oversight, quality control, and guidance during the invoice reconciliation process for over 6.6 million cubic yards of debris removed across 2,800 parcels

Regional ADMS/Data Manager (August 2017-2018)

City of Houston, Texas | Hurricane Harvey

While Hurricane Harvey made landfill near Rockport, Texas, the slow moving tropical system brought bands of heavy rain. An average of 40 inches of total rainfall, the equivalent of 1.2 trillion gallons of water, dropped onto Harris County and the City of Houston. As a result, the City experienced widespread flooding and activated program management and monitoring services from Tetra Tech.

- Ricardo, a local resident of the City, was designated as the lead data manager and has overseen the documentation of over 1.4 million cubic yards of debris removed.
- He oversaw the reconciliation with the multiple prime contractors the City tasked with debris removal following Hurricane Harvey.

Data Manager

As part of the selected contractor's team, Tetra Tech provided data management and administrative functions to support debris removal efforts of fire related debris and hazards from private property in the impacted areas. Ricardo oversaw data management efforts and validated the documentation. He managed a variety of projects related to Post-Event recovery and monitoring services, and also interacted with clients, consultants, staff members and strategic partners to accurately document and efficiently recover disaster debris. He produced reports, documents, graphs, and other management tools for tracking project process, and provided ongoing communication and project management tasks for both client and company use, utilizing a variety of technology to ensure both client satisfaction and project success. Ricardo was responsible for monitoring site safety and maintaining safety awareness to ensure safe working environment. He can also prepare daily status reports to provide the client with visibility into debris removal operations and worked with the client and FEMA to meet supporting documentation requests needed for the development of PWs.

- Town of Hilton Head, South Carolina – Hurricane Matthew, October 2016-May 2017
- CalRecycle, CA – Erskine Fire Remediation, August-October 2016
- Calaveras County, CA – Wildfires (PPDR Program), January-August 2016
- City of San Marcos, TX – Severe Storms and Flooding, October 2015-January 2016
- Hays County, TX – Memorial Day Flooding, October 2015-March 2016

9 YEARS OF EXPERIENCE

Key Training/Certifications

HAZWOPER

FEMA ICS 100

Education

Central State University, Bachelors,
1978

EXPERIENCE SUMMARY

Mr. Steve Murray is a highly skilled professional with extensive experience in disaster response and debris monitoring operations. With a focus on field operations, Steve has excelled in overseeing and coordinating various aspects of debris removal projects.

Steve has consistently demonstrated his ability to ensure the smooth execution of day-to-day operations. He has successfully managed field staff, including contractors, to maintain efficiency and productivity throughout projects. Steve's experience also includes quality control and compliance responsibilities during debris removal operations. He has diligently verified the adherence to FEMA guidelines, ensuring that all documentation meets the required standards. Steve has also been responsible for monitoring and addressing any field issues promptly, ensuring a seamless workflow.

In addition, Steve has contributed his expertise as an Operations Manager, overseeing disposal site operations and managing the training and scheduling of disposal site staff. His attention to detail and commitment to maintaining compliance have been instrumental in successful debris removal operations.

RELEVANT EXPERIENCE

Field Supervisor

As field supervisor, Steve was responsible for the quality control of debris site/tower monitors, field coordinators, and project inspectors and ensuring that all documentation that is being captured is FEMA-compliant during debris removal operations. He verified that monitors retained their training and responded to issues as they arrived in the field. Steve was tasked with the management of locally hired disposal monitors, project timeline, and disposal site support.

- Polk County, FL – Hurricane Ian, 2022
- Jefferson Davis Parish, LA – Hurricane Delta, 2021
- Rapides Parish, LA – Hurricane Laura, 2021
- City of Houston, TX – Hurricane Harvey, 2017
- Caldwell County, TX – Memorial Day Flood, 2015

Operations Manager

Client | Project Title

Steve was responsible for the quality control of debris site/tower monitors, field coordinators, and project inspectors and ensuring that all documentation that is being captured is FEMA-compliant during debris removal operations. As an operations manager, Steve oversaw the operations of the disposal sites as well as the training and scheduling of disposal site staff.

- Acadia Parish, LA – Hurricane Laura, 2020-2021
- City of Alexandria, LA – Hurricane Laura, 2021
- City of Miami, FL – Hurricane Irma, 2017-2018

Crew Leader/Task Force Leader – Materials Receiving

Steve was responsible for monitoring and documenting the removal of hazardous debris and trees. Which included recording information for load tickets, monitoring contractor safety and reporting any damage resulting in the removal of debris and hazardous trees.

- CalRecycle, CA – Dixie Fire, 2021-2022
- CalRecycle, CA – Northern Branch Complex Fires, 2021
- CalRecycle, CA – Carr Fire, 2018-2019



30+ YEARS OF EXPERIENCE

13+ APPLICATIONS MANAGED

6K+ APPLICATION USERS

Areas of Expertise

Recovery Technology Solutions / ADMS

Resource Deployment and Tracking

Readiness Training and Exercises

Disaster Operations Support

20+ Years Military Experience

Grant Experience

CDBG-DR

Key Training/Certifications

FEMA IS-632, IS-700, IS-922

Disasters

4798 Hurricane Beryl

4781 Texas Severe Storms, Wind Event, And Floods

4724 Maui Wildfires

4734 Hurricane Idalia

4673 Hurricane Ian

4337 Hurricane Irma

4340 Hurricane Maria

4240 CA Wildfires

4223 TX Flooding

4087 Hurricane Sandy

4106 CT Winter Storm

1609 Hurricane Wilma

Education

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

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 Director of Information Technology, Jeff is responsible for the planning, development, deployment of *RecoveryTrac™* applications supporting the delivery of professional services for our clients.

Jeff has extensive experience in process improvement and application of advanced technology to boost efficiency in delivery of services. He has presented at the National Hurricane Conference on the use and application of technology to improve disaster response cost efficiency as well as supporting Client technology seminars.

Jeff has led the development and support of Tetra Tech's *RecoveryTrac™* suite of applications most notably the Automated Debris Management System (ADMS). Validated by the USACE on both 2015 and 2023, it is the preferred provider by the USACE debris contractors, providing ADMS services to 7 of 8 USACE districts globally. *RecoveryTrac™* ADMS flexibility and GIS capabilities provide best-in-class reporting and analysis tools. Additionally, *RecoveryTrac™* ADMS technology web-based data feeds enable direct integration into client GIS and emergency management systems.

RELEVANT EXPERIENCE

Senior Management Team | Technology Solutions for Debris Removal Monitoring, Grant Management, Case Management and Logistics

Responsible for the technology solutions used to deliver professional services projects to Tetra Tech's Clients, Jeff is responsible for the planning, development, and customization of the *RecoveryTrac™* software suite of applications. The *RecoveryTrac™* suite includes Grant Management, Case Management, Debris Removal ADMS, Time Tracking, Logistics/Sheltering and Fleet Management/Tracking. He works closely with delivery teams and management to ensure the software meets and exceeds regulatory and statutory requirements for disaster related reimbursement programs. He has directly managed projects and/or software solutions under the FEMA Public Assistance, HUD CDBG-DR, Department of the Treasury ERAP, and several State and Local Logistics and Sheltering programs.

Notable recent key projects include the following:

- Tetra Tech's *RecoveryTrac™* suite's SOC2 Certification (2023-2024)
- State and Local Sheltering and Logistic Tracking Programs (2022-2024)
- State and Local Emergency Rental Assistance Program (2022 – 2023)
- Puerto Rico Department of Housing | Environmental Reviews (2019 – 2022)

Subject Matter Expert | *RecoveryTrac*™ ADMS Software Services (July 2012 – Present)

Jeff designed and oversaw the development testing and continuous improvement of the *RecoveryTrac*™ ADMS software application over the last 12 years of ADMS deployments. It can operate in the harshest environments, simple and straight forward to use, proven in the field and is the most widely used ADMS solution in the market.

Placed in service in 2012 and used exclusively since, *RecoveryTrac*™ Debris celebrates the following achievements:

- Only USACE validated ADMS system in both 2015 and 2023, ADMS provider for 7 of 8 USACE districts.
- Activated on 5 separate ADMS missions from 2017-2024.
- Used on just over 400 FEMA debris removal projects from 2012-Present.
- During simultaneous activations for Hurricanes Harvey (TX) and Irma (FL) over 6,000 ADMS devices in use

The ADMS application and related services continue to adapt to the changing industry and regulatory changes. For example, integration with *RecoveryTrac*™ Time continue to improve the end-to-end documentation with ADMS records to support reimbursement and reduce the time to address any questions arising from submissions or subsequent audits.

Subject Matter Expert | *RecoveryTrac*™ Geospatial (GIS) Software Services (August 2013 – Present)

Beginning shortly after the introduction of *RecoveryTrac*™ ADMS, Jeff introduced the industry first geospatial integration and extension of debris removal data generated by ADMS. Referred to as a "Geoportal", the ADMS data was automatically converted to GIS objects and visualized in an easy-to-use Web-based application allowing Clients direct access to debris data and photos allowing online review and interaction. The Geoportal offered several other "firsts" including near-real time Truck, Crew and Monitor locations and an incident tool to document operational issues like damage to property, surveys, and safety related reports. All these features were available to every Tetra Tech Client along with the *RecoveryTrac*™ ADMS software. Several other GIS features have also been made available including:

- GIS based road condition and debris sur. s with integrated video
- Transportation modeling to determine debris disposal site coverage for distance and time
- Debris removal truck route determination using Fleet tracking data and pre-set route gateways
- Automated GIS hazard analysis of potential debris disposal sites (Flood plain, Wetland, and Archaeology)
- 3D Drone capture and AI analysis of Wildfire burn scar including determination of damaged buildings

Subject Matter Expert | *RecoveryTrac*™ Environmental Case Management Software Services (August 2017 – Present)

Jeff managed development of the software solution, Client deliverables and staffing for the HUD-CDBG-DR 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 for several State level programs for a total of nearly 68,000 hurricane and flood damaged properties, these CDBG-DR programs included:

- Puerto Rico Department of Housing (2019-Present)
- State of Florida Department of Economic Opportunity (2018-Present)
- State of Texas General Land Office (2018-2022)
- State of North Carolina Office of Recovery and Resiliency (2018-2019)
- State of Louisiana Office of Community Development (2017-2020)

RecoveryTrac™ Case Management of Environmental reviews, was build and configured to streamline the HUD environmental review process by creating automation to evaluate applicant properties quickly and accurately. In larger programs, the cost to perform a standard Tier 2 review was reduced by nearly 75% and capacity was dramatically increased. For example, in the Louisiana program average weekly review capacity approached 1,000 reviews per week and peaked at over 1,500 reviews for the week. Mobile Inspections tools were combined with report automation to reduce the on-site time and increase productivity by not having to manually create reports. The tracking tools provided exceptional pipeline management and ensured applicant properties requiring specialized reviews were processed within contract requirements but more importantly minimized the delays in the applicants receiving the needed program assistance dollars.

16 YEARS OF EXPERIENCE

Areas of Expertise

Accounting

Fixed Assets

Oracle

Peoplesoft

Key Training/Certifications

Certified Public Accountant (CPA)

Education

Florida State University, Bachelor of Science in Managerial Accounting, 2006

EXPERIENCE SUMMARY

Mr. Geoff Reinhart is an experienced CPA with both public and private sector experience. As a billing and invoice analyst at Tetra Tech, Geoff is responsible for reconciling contractor invoices and performing quality control on data to ensure that all FEMA guidelines for debris removal monitoring are successfully fulfilled.

Most recently, Geoff has been providing billing and invoicing analysis services to all Tetra Tech's projects related to Hurricane Ian. Following the disaster, Tetra Tech was activated by more than 40 clients. Geoff has been performing cost/budget and margin analyses and reviewing invoices and accruals.

RELEVANT EXPERIENCE

Senior Finance Manager (January 2021-Present)

Tetra Tech, Inc. | Maitland, FL

- Oversee the finances for all Debris-related projects
- Responsible for hiring, training, and managing a team of auditors for our highest profile client
- Responsible for ensuring all invoices are delivered to clients and are both timely and accurate
- Act as the liaison between Operations and the Accounting department
- Ensure all projects GAAP compliant as well as adhere to our corporate guidelines
- Perform extensive quarterly review of all larger projects as well as forecasting the costs through completion for these projects
- Perform a monthly CSR review and present findings to upper management
- Perform ad-hoc projects as requested

Billing and Invoice Analyst (April 2019-Present)

Tetra Tech | Maitland, FL

- Responsible for reconciling contractor invoices for debris removal and corresponding services. Ensured contractor invoice payment packages were submitted to the client in a timely manner.
- Performed QA/QC on data points required for payment recommendation
- Managed team of analysts to ensure QA/QC processes were performed accurately and efficiently
- Verified FEMA guidelines for debris removal were met

Internal Audit Manager (May 2019-January 2021)

Tetra Tech, Inc. | Maitland, FL

- Oversaw multiple full-cycle Quality Control audits from the planning stage through invoicing
- Led and managed the largest invoice Quality Control teams in the Maitland office
- Reduced the error rate from 22% to 14% in approximately 3 months
- Designed multiple analytical reports to track errors and report pin-point areas of high risk
- Responsible for creating and communicating status updates, risks, mitigation plans and accomplishments to project managers
- Managed the confirmation process for various clients

- Documented audit procedures and report the results of monthly audits
- Worked closely with various departments to ensure accurate and timely invoice approval
- Reduced invoice time from approximately 60 days to approximately 35 days after the Billing Period close

Audit Senior (July 2018-April 2019)

Forehand & Associates | PA - Orlando, FL

- Oversaw multiple full-cycle financial statement audits and reviews from the planning stage through issuance
- Prepared financial statements for all assigned engagements, including Income Statement, Balance Sheet, Statement of Cash Flow, Disclosures & Supplementary Information required by the users of the Financial Statements
- Designed and performed analytical procedures/analysis to detect unusual financial statement relationships
- Performed internal control analysis and substantive procedures. Identify and communicate accounting and auditing matters to managers and partners
- Identified and communicated accounting and auditing matters to managers and partners
- Proposed adjusting journal entries and discuss audit findings with key management and/or owners
- Documented audit procedures and cross-reference work papers
- Played key role in launching two firm-wide software implementation projects

Accounting Manager (January 2017 to July 2018)

Lowndes, Drosdick, Doster, Kantor & Reed, PA | Orlando, FL

- Led and managed five of the firm's ten finance professionals, including selection/hiring, delegation of duties, performance management, development and training with indirect oversight of the remaining five members
- Responsible for overseeing all aspects of the month-end and year-end close as well as maintenance of all accounting ledgers including monthly review of all account reconciliations and journal entries
- Reviewed all operating account disbursements on a weekly basis prior to sending to the Admin. Committee for approval
- Performed analytical procedures/analysis on the preliminary financial statements prior to close
- Completed oversight and preparation of the annual budget
- Prepared the monthly and quarterly Board of Directors reporting package
- Prepared the weekly financial cash forecast
- Ongoing assessment of current controls to ensure accuracy of financial reporting and develop controls as needed.
- Managed and led special projects and prepared ad-hoc reports as needed
- Responsible for oversight and management of the firm's new Accounts Payable application as well as the implementation of the Trust Reserve feature and Direct Deposit program for employee Expense Reimbursements

Assistant Controller (May 2016 to December 2016)

Transaction Data Systems | Orlando, FL

- Oversaw all aspects of month-end close for parent company and three subsidiaries
- Prepared GAAP & Proforma Financial Statement Reporting Package, including Income Statements, Balance Sheets, Statements of Cash Flow, Key performance Indicator Reports, Quality of Earnings Reports, and various Ad Hoc reports as needed
- Reviewed the work completed by the Parent Company's Accounting Manager & subsidiary's controller, including the monthly reconciliation package and all journal entries
- Performed analytical procedures/analysis on the financial statements
- Assisted in the preparation of the annual budget using key assumptions and prior year knowledge
- Prepared monthly and quarterly financial update presentations for the Board of Directors
- Prepared weekly financial snapshots for the CEO & Controller
- Managed the needs of the external auditors to ensure the process is as efficient and effective as possible

Staff Auditor II (April 2014 to May 2016)

EY | Orlando, FL

- Conducted comprehensive financial audits and agreed-upon procedures

- Performed analytical procedures/analysis to detect unusual financial statement relationships
- Performed internal control and substantive procedures
- Identified and communicated accounting and auditing matters to senior managers and leadership
- Proposed adjusting journal entries and discuss audit findings with clients. Identify and communicate accounting and auditing matters to seniors and managers
- Prepared PBC lists and confirmation requests
- Documented audit procedures and cross reference work papers
- Created management representation letter comments and recommendations and draft audit reports for management review

Lead Staff Accountant (December 2007 to March 2014)

Stanton & Gasdick, PA | Orlando, FL

- Oversaw firm-wide accounting including the daily activities of three staff accountants
- Personally manage seven timeshare escrow accounts and oversee all postings
- Responsible for month-end General Ledger review and adjustments as well as yearly 1099 preparations
- Oversaw Accounts Payable and Accounts Receivable as well as firm-wide billing
- Ensured all trust accounts complied with Florida's trust account guidelines
- Simultaneously completed timeshare funding as well as firm-wide incoming and outgoing wires

17 YEARS OF
EXPERIENCE

30 DISASTER
DECLARATIONS

Areas of Expertise

EOC Operations
COVID-19 Pandemic Response
Grant/Project Closeout
Large-Scale Incident Response Tribal-
State-Federal Coordination
State Coordinating Officer (SCO)
Tribal Coordinating Officer (TCO)
Grant/Project Closeout
Tribal CERT/Tribal TEEN CERT
Instructor/Coordinator

Disasters

4245 TX FLOOD
4241 SC FLOOD
4240 CA WILDFIRE
4223 TX FLOOD
4222 OK FLOOD
4193 NAPA EARTHQUAKE
& SEVERAL MORE

Grant Experience

FEMA PA
FEMA IA/IHP/ONA ADMIN PLANS
FMAG
STATE DAP
CORONAVIRUS RELIEF FUNDS
(INCLUDING COMPLIANCE FOR
CARES ACT, ARPA, BIL/IIJA, CAA 2021,
IRA)
INFRASTRUCTURE FUNDS
USDA/NRCS

Education

The University of New Mexico
Bachelor of University Studies, Major
Emergency Medical Services, Minor in
Navajo Language, 2002

EXPERIENCE SUMMARY

Ms. Rose Whitehair is a seasoned program manager with over 17 years of disaster and homeland security experience with 28 years in Public Safety. She has managed large-scale incidents including wildfires, hazardous chemical response, droughts, floods, and the current COVID-19 pandemic response. Her experience includes managing and closing out multi-million-dollar federal projects. She assists Tetra Tech with deciphering FEMA, ARPA Final Rule, ARPA Compliance and Reporting Guidance, Treasury OIG Reporting and Recordkeeping Requirements, COVID guidance and the recent Congressional bills, helping to clarify, interpret and lead discussions and updates in federal grant compliance.

She has assisted with providing testimony to the U.S. Congress and created correspondence to the White House for disaster requests and declarations including the recent COVID-19 pandemic.

Additionally, as the former Director of the Navajo Nation Department of Emergency Management, Rose brings invaluable experience with tribal-state-federal coordination. The Navajo became the First Tribe in Arizona, and firsts in the nation, to get aid directly from the Federal government via a Stafford Act Declaration. She was inducted as one of the first Native Americans into the International Women in Homeland Security and Emergency Management Hall of Fame. She served as Tribal Advisor to the National Domestic Preparedness Council (NDPC) and volunteers with Team Rubicon with her boots-on-the-ground experience as an EMT, Fire Fighter and her Trauma Team experience, thus providing her patient care experience

RELEVANT EXPERIENCE

Tetra Tech (2020-Present)

Subject Matter Expert | Various Projects

- Assists Program Managers and Disaster Recovery teams by interpreting interim policies and procedures to assist with grant compliance.
- Provides written guidance and federal regulation background material in preparation for meetings with agencies and states to provide clear direction for funding options.
- The support and direction that Rose provides, helps others maneuver through the multiple funding options for COVID relief available and distributed at various levels of government, including different federal financial resources, grant and loan opportunities.
- Rose tracks other congressional bills to ascertain their impacts on federal requirements, current funding and to assist with planning for efficient use of funds and to reduce possible duplication of benefits.

New Mexico Department of Homeland Security and Emergency Management (2016-2020)

State Coordinating Officer/Recovery Unit Manager/Emergency Operations Center Director

- Task Force Lead and State Coordinating Officer managing COVID Emergency Operations Center staff during the pandemic response in the state of New Mexico. Partnered with other agencies encompassing over 3,000 responding state and tribal agency personnel, including the National Guard.

- Rose activated and operated the State EOC for wildfires, floods, large scale events, disaster declarations, establishing protocols for all Support Functions from several cross-functional teams across the entire state to include all state agencies, counties, Tribal Nations, hospitals, first responders, private non-profits, the National Guard and municipalities.
- Led and managed response and recovery (warehouse/delivery/sheltering) support functions for the COVID-19 Emergency Operations Center supporting Incident Command Posts for 106 municipalities, 33 counties and 23 tribes.
- Assisted with COVID Response and Recovery duties monitoring and guiding Alternate Care Facilities, Non-Congregate Sheltering Public Health Orders policies and documentation, feeding and distribution of food and water to rural communities. Certified SCO (State Coordinating Officer) through FEMA for EOC Activation of COVID-19 Pandemic Response for DR-4529-NM.
- Activated and operated the State of New Mexico's EOC for wildfires, floods, large scale events, disaster declaration including the COVID-19 pandemic response, established protocols for all Emergency Support Functions from several cross-functional teams with efforts across the entire state to include all state agencies, counties, Tribal Nations, hospitals, first responders, private non-profits, the National Guard and municipalities.
- Assisted the NM DHSEM with the management and administration of Federal and State disaster programs.
- Assisted stakeholders and State/Tribal/Federal agencies with the goal of recovery and emergency restoration of facilities, and other critical infrastructure. Focused on closing out multi-million-dollar federal projects.
- Developed and evaluated programs and policies to achieve the State's goals for providing Federal and State disaster assistance to all stakeholders, including Tribal Nations, municipalities, counties, private non-profits & acequias.
- Performed damage assessments; site inspections, conducted routine evaluations of the sites, compiled data, provided training and presentations for requests for state and federal disaster declarations.
- Coordinated with other agency programs and access to grant funding to eligible recipients. Tracked and maintained data on grant utilization to relevant federal, state, local, and tribal jurisdictions. Monitored sub-grantee compliance with grant requirements.
- Created correspondence to the White House for federal assistance for recent disaster declarations including the COVID-19 pandemic.
- Assisted as liaison to the Federal Emergency Management Agency for activities related to Federal disaster assistance, while providing recovery guidance, grant documentation and closeout for FEMA Public Assistance funds, FMAG and State DAP (Disaster Assistance Program) to our clientele.
- Assisted with Recovery Duties under the ICS/ESF assigned for the NM State EOC. Monitored and guided Alternate Care Facilities, mortuary trailers, PPE, cots, non-congregate sheltering, feeding and distribution of food and water.
- Certified SCO (State Coordinating Officer) through FEMA for EOC Activation.
- Brought to the state its first team of FEMA Corps/AmeriCorps students to assist with Recovery efforts and tasking procedures to ensure all disaster documentation was accounted for.

High Water Mark, LLC (2015-2016)

Emergency Manager, Emergency & Response

- Assisted with Tribal-State-Federal coordination of client responses to Homeland Security Office of the Inspector General Audits.
- Advised clients of sub-grantee and grantee requirements of Federal and State grants, thus assisting with successful documentation and closeout of FEMA projects.
- Coordinated limited training budgets of less than \$10,000 for emergency responders, disaster documentation training for Tribes, including the NIMS, ICS, IAP overviews.
- Assisted the National Domestic Preparedness Consortium (NDPC) outreach to Tribes, Territories and Alaska Natives.

Navajo Nation, Department of Emergency Management (2012-2015)

Director, Department of Emergency Management

- Created and established new Policies and Procedures to administer FEMA Grants and Projects which expedited project closeouts and disbursement of FEMA funds to sub-grantees. With these new procedures in place, NNDEM was able to present FEMA reimbursement for emergency restoration of facilities, utilities and other critical infrastructure in less than one year.
- The Navajo became the First Tribe in Arizona, and only the second in the nation, to get aid directly from the Federal government via a Stafford Act Declaration.
- As Program Manager, prepared multi-million-dollar budgets for operations, preparedness and training, thus guiding the Navajo Nation to avoid reverting federal funds to FEMA/DHS. Trained hundreds of employees and volunteers in ICS/NIMS/NRF and CERT thus providing improvements to overall site safety, health, security, and emergency operations, response and recovery efforts. Built Standard Operating Procedures/Continuity Operations Plans and established a Training program for the Emergency Operations Center and Emergency Management Program.
- Obtained FEMA, CERT funding and secured first time Hazard Mitigation funds for the Navajo Nation.
- Navajo Nation became the eleventh Tribe to sign the AZMAC (Arizona Mutual Aid Compact); a Mutual Aid Agreement with 113 other signatories, thus making their resources available during a disaster.
- Prepared Press Releases, Public Service Announcements and Talking Points for Leadership.
- Assisted the Office of the Navajo Nation President and Vice-President with providing testimony to the White House and U.S. Congress.
- Became the first Tribe, nationwide, to bring in two separate teams of FEMA Corps students to assist with Recovery efforts and tasking procedures to ensure all disaster documentation was accounted for.
- Organized documentation and closure of FEMA projects, copiously archived records and financially reconciling and closing the Navajo Nation's two oldest disasters.
- Established the Tribe's first fully outfitted Emergency Operations Center (EOC) using DHS SHSGP funds. Made improvements to the EOC systems with new technology, data, documentation, resource typing and lean management processes.
- Established Incident Command and activated EOC coordination for over 14 events, including 20,000 Tribal citizens without water, hazardous materials evacuations, landslides, sinkholes, floods, the Asaayi Lake wildfire which burned more than 14,000 acres and involved more than 1,000 responders, and the recent Gold King Mine Spill which impacted 16 chapters/communities along 250 miles. Coordinated Incident Action Plans with other managers and monitored several cross-functional teams for other large events such as our leadership inauguration.
- Facilitated the completion of hotwashes and after-action reports with key players and partners with teams and site leadership to confirm that improvement opportunities were effectively deployed.

5 YEARS OF EXPERIENCE

Areas of Expertise

Project Coordination

Project Setup

Staff Training

Organization

QA/QC

Scheduling and Dispatch

Project Management

Key Training/Certifications

FEMA ICS 100 and 200

EducationWharton County Junior College,
2015

EXPERIENCE SUMMARY

Stephanie Hernandez brings five years of valuable experience at Tetra Tech, demonstrating her expertise in various roles related to debris recovery. As a Regional Project Coordinator, she successfully manages multiple projects across the United States. Her responsibilities include overseeing local project coordinators, facilitating coordination between project management and field staff, serving as a liaison for HR and payroll matters, and ensuring quality assurance and quality control of project documentation and time records.

Stephanie also served as a Deputy Project Manager for Manatee County in the aftermath of Hurricane Ian. In this role, she effectively handled client communications, supervised all operational aspects, managed dispatch operations, and verified time records. Collaborating closely with office staff such as Operations Managers, Project Coordinators, and Data Managers, Stephanie ensured smooth project execution.

Stephanie's expertise as a Project Coordinator is evident in her ability to maintain project operations, organize documentation, facilitate communication between field staff and payroll/HR departments, and oversee the onboarding process, I9 processing, training, and monitoring of Tetra Tech's field timekeeping system.

RELEVANT EXPERIENCE

Regional Project Coordinator

Stephanie serves as the Regional Project Coordinator for multiple projects across the United States. Her main responsibilities include the hiring and oversight of local project coordinators, coordination between project management and field staff, HR and payroll liaison, and QA/QC of project documentation and time records.

- City of Austin and Travis County, TX – Ice Storm, 2023
- Sharkey County, MS – Tornadoes, 2023
- Manatee County and Sarasota County, FL – Hurricane Ian, 2022-2023
- Calcasieu Parish, LA – Hurricane Laura (Hazardous Trees and Canals Program), 2022-2023
- St. John the Baptist Parish, LA – Hurricane Ida (PPDR), 2022
- City of Lake Charles, LA – Hurricane Laura (PPDR), 2022
- State of New Mexico – Wildfires, 2022
- Tangipahoa Parish, LA – Hurricane Ida, 2021
- City of Covington, LA – Hurricane Ida, 2021
- City of Sulphur, LA – Hurricane Laura (PPDR), 2021
- City of Vinton, LA – Hurricane Laura (PPDR), 2020-2021

Deputy Project Manager

Stephanie served as Deputy Project Manager for Manatee County following Hurricane Ian in September of 2022. She was responsible for client communications, supervised all aspects of operations, dispatch and time verification. Stephanie also worked closely with office staff such as Operations Manager, Project Coordinators, and Data Managers.

- Manatee County, FL – Hurricane Ian, 2022-2023

Office Accounting and Administrative Staff

Stephanie served as a part of Tetra Tech's office accounting and administrative staff in response to multiple wildfires and Winter Storms in counties across California. She was responsible for processing the time logs of all Tetra Tech and subcontractor employees, coordinating with payroll and HR, and ensuring adherence to State labor laws.

- CalRecycle, CA – Camp Fire, 2020
- CalRecycle, CA – Northern Branch Complex Fires, 2020-2021
- CalRecycle, CA – Dixie Fire, 2021
- CalRecycle, CA and El Dorado County, CA – Caldor Fire, 2023
- Merced County, CA – Severe Winter Storms, 2023
- Mariposa County, CA – Oak Fire, 2022
- El Dorado County, CA – Mosquito Fire, 2023

Project Coordinator

As a Project Coordinator, Stephanie is an essential member of the project management team whose primary responsibility is to ensure the smooth operation and organization of the project and its documentation. Collaborating closely with the Project Manager, Stephanie plays a crucial role in distributing necessary information between field staff and Tetra Tech's payroll and HR departments. In this role, she is also responsible for the onboarding of field monitors, I9 processing, training, and monitoring of Tetra Tech's field time keeping system.

- City of Gulfport, City of Diamondhead, City of Hancock, and City of Waveland, MS – Hurricane Ida, 2021
- Harris County, TX – Severe Storms, 2021
- Hidalgo County, TX – Hurricane Hanna, 2020
- Calcasieu Parish, LA – Hurricane Laura, 2020
- City of Callaway, City of Springfield, and City of Parker, FL – Hurricane Michael, 2018-2019
- Jefferson County, TX – Hurricane Harvey, 2017
- City of Houston, TX – Hurricane Harvey (Waterways Project), 2017

Tab C – Financial Information

Tetra Tech is a stable company with annual operating revenue of \$5 billion. Our size, diversity, and financial stability give us the capacity to undertake and successfully complete projects of all sizes and complexities with no financial risk to our clients.

Our size, diversity, and financial stability give us the capacity to undertake and successfully complete projects of all sizes and complexities with no financial risk to our clients. Tetra Tech has nearly \$1 billion of liquidity available, allowing us to meet contractual obligations for disaster response operations regardless of funding flows or payment processing during large disasters. We have proven this in management of more than \$51 billion in federal funding across our more than 650 activations in response to over 100 declared disasters.

Our record of performance reflects a well-managed, growing, successful, and financially strong and stable company. In an era marked by significant economic upheaval, Tetra Tech has been able to sustain fiscal discipline, maintain a stable and diverse contract and client base, and provide high-quality, cost-effective services.

Tetra Tech currently boasts annual revenues of \$5 billion and employs 28,000 personnel in 550 offices worldwide. We ended the year with an all-time-high backlog of \$4.79 billion, up \$1 billion from last year. While it was an exceptional year for orders, we finished the year with \$25 billion in contract capacity and more than 20,000 clients. Our strong, broad-based backlog provides us with extraordinary visibility and momentum. Tetra Tech’s Annual Report detailing all our services and financial disclosures is available electronically at our website. With a Dun & Bradstreet rating of 5A2, our success is attributed to a strong work ethic combined with exceptional project management and in-house expertise. Tetra Tech is a financially sound and successful firm with fiscal year 2023 annual revenues of more than \$5 billion and approximately 28,000 employees. Tetra Tech has a Dun & Bradstreet (D & B) rating of 5A2. To demonstrate the firm’s solid financial performance, a short version of our most recent 10K Report and D & B Report have been included at the end of this section. However, a complete copy of our financial reports can be provided upon request. Fed Tax ID: 95-4148514 DUNS: 080106449 Cage Code: 0YEM5

The County gains the **stability and resources** of a \$5 billion company.

\$168 million
Available Cash

\$800 million
Borrowings at our disposal

\$968 million
Total liquidity available

“Tetra Tech is grateful for the opportunity to renew our partnership with the County. We are supportive of this proposal from the highest levels of our organization. With nearly \$1 billion of liquidity available, we are confident that Tetra Tech’s financial capacity and stability exceed the potential financial demands of this contract.”



– Steven Burdick,
Chief Financial Officer

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended October 1, 2023

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Transition Period from _____ to _____

Commission File Number 0-19655

TETRA TECH, INC.

(Exact name of registrant as specified in its charter)

Delaware

95-4148514

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification No.)

3475 East Foothill Boulevard, Pasadena, California 91107

(Address of principal executive offices) (Zip Code)

(626) 351-4664

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

| Title of each class | Trading Symbol(s) | Name of each exchange on which registered |
|--------------------------------|-------------------|---|
| Common Stock, \$0.01 par value | TTEK | The NASDAQ Stock Market LLC |

Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the registrant's common stock held by non-affiliates on April 2, 2023, was \$7.7 billion (based upon the closing price of a share of registrant's common stock as reported by the Nasdaq National Market on that date).

On November 8, 2023, 53,247,668 shares of the registrant's common stock were outstanding.

DOCUMENT INCORPORATED BY REFERENCE

Portions of registrant's Proxy Statement for its 2024 Annual Meeting of Stockholders are incorporated by reference in Part III of this report where indicated.

Tab D – References

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. Per County's request, we have included references on the County's reference form located in Tab H: Required Documents.

What do our clients say?

Professionalism

"The Tetra Tech team has also supported the City with additional grant and loan programs, including the Natural Resources Conservation Service Emergency Watershed Protection Program, the FEMA Community Disaster Loan Program, the Florida Hazard Mitigation Grant Program, the Florida Hurricane Michael State Recovery Grant Program, and the Florida State Revolving Emergency Fund. Tetra Tech has maintained current knowledge of changes in federal grant policy and helped the City maximize the funding available to support recovery."

-Ed Cook, Callaway City Manager, City of Callaway, Florida

Competence and Professionalism of the Staff

"It was comforting having Tetra Tech as our advocate in the field as well as coaching us through the process. Because of the competence and professionalism of your staff, we have much greater confidence our debris removal expenditures will be reimbursed by FEMA."

- Scott R. Henson and Jim Reece, Waste Resources Program Managers, Okaloosa County, Florida

Professionalism Matched by None

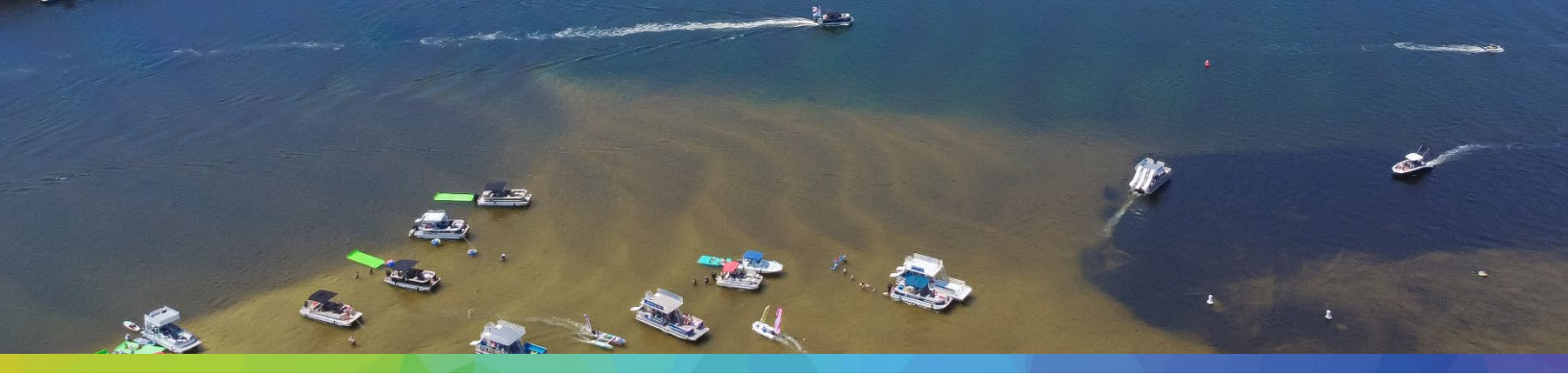
"Tetra Tech was quickly onsite and ready to move into action with a professionalism matched by none. Tetra Tech's management team worked hand in hand with our contractors, county crews and county staff to ensure that all FEMA compliance requirements were held to exemplary status, paying special attention to details, and the unique needs of our county and our citizens. Your entire team demonstrated outstanding skills for disaster recovery management, and I will attest to their superior management skills and team work. Tetra Tech's diligence, initiative, and assertiveness with all contractors, FEMA, and our own staff contributed to the success of our hazardous tree removal program."

-Clara Beckett, Bastrop County, Texas

Reliable Partner

"Tetra Tech proved itself to be a reliable partner for the city and executed all its obligations under our continuing services agreement. On top of that they provided excellent communication throughout the whole process and efficiently assisted in the cleanup of the city on both occasions. Their diligence and precision in detail ensured proper reimbursement from FEMA on all occasions. In our experience working with Tetra Tech, they have always come to the City of St. Petersburg's assistance when they are needed most for our residents and greater community. We would happily recommend their services to other communities and plan to continue our relationship with them into the future."

Mr. Bryan M. Eichler, Assistant Director, City of St. Petersburg, Florida



Disaster Debris Monitoring Services

Okaloosa County, Florida, is located in the Florida Panhandle along the Emerald Coast. The County is split between the coastal tourism areas in the south, with one of the largest military installations (Eglin Air Force Base) in the central sections of the County, as well as a largely rural area in the northern section of the County.

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 significant amount of debris, considering the distance from landfall.

After an initial damage assessment, the County was unsure whether they would activate its 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 its contract waste hauler to handle. As a result, the County activated its 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. 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 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 cleanup effort and its path through the city was an invaluable tool.

Tetra Tech certified several debris contractors 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 slowed down the progress was that all the construction and demolition material had to be directly hauled to the Santa Rosa County Landfill, which was over two hours round trip. Following this, Tetra Tech worked with Okaloosa County to ensure that they had multiple debris management sites throughout the County that could also accept construction and demolition material temporarily in the event of future storms.

Throughout the cleanup efforts, Tetra Tech set up and managed a citizens' 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 cleanup efforts in Okaloosa. Through very coordinated teamwork with the County, the debris contractor and the citizens daily, the cleanup was completed in a successful and timely manner.

Client

Okaloosa County, FL

Period of Performance

September – November 2020

Project Size

30,802 CYs and 1,138 Tons

Project Cost

\$583,009

Reference Contact

Jim Reece, Solid Waste Manager

850-609-6165

jreece@myokaloosa.com



Disaster Debris Monitoring

May 2024 Severe Storms

In the early morning hours of May 10, 2024, a line of severe storms impacted Leon County, Florida. These storms ultimately created three separate tornadoes and high winds throughout the County, including Florida's capital, the City of Tallahassee. The storm's wide-ranging impacts included catastrophic damage across the County.

Tetra Tech was activated to provide disaster debris monitoring services for the debris removal mission. Within hours of the storms passing, Tetra Tech personnel were on the ground with County officials assessing damages and planning recovery efforts. Tetra Tech hired and trained **50 field monitors** on FEMA debris removal eligibility guidelines, as well as use of Tetra Tech's *RecoveryTrac*™ Automated Debris Management System (ADMS) for data collection efforts.

The storm event result in **more than 345,000 cubic yards of debris** along the right of way, as well as the removal of **more than 436 hazardous trees and 6,460 hanging limbs**. Tetra Tech also assisted the County in the debris removal from the County's Parks, which resulted in **over 8,000 CYs of debris, 322 hazardous trees, and 919 hanging limbs**.

Tetra Tech assisted the County in opening and operating one debris management sites to store and process the collected debris, as well as one final disposal site.

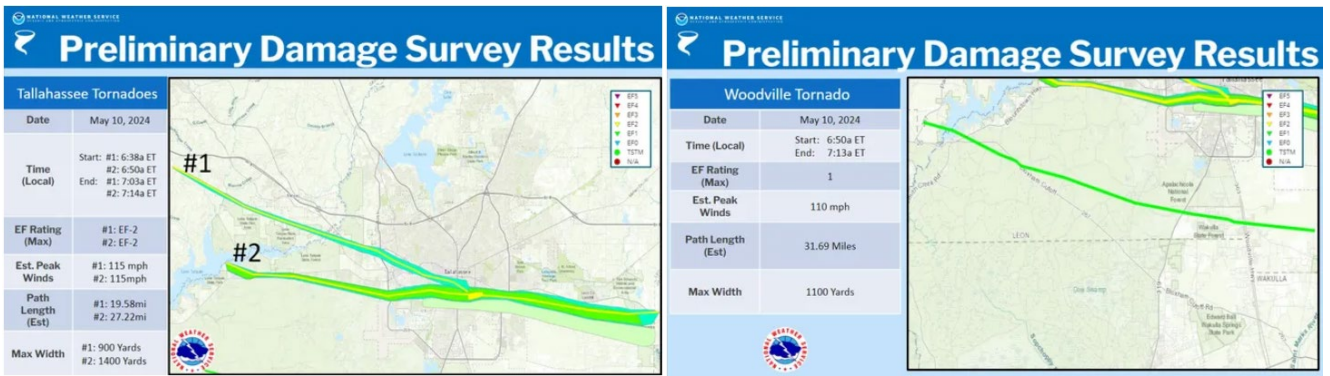
Client
Leon County, Florida

Period of Performance
May 2024 Severe Storms: May-July 2024
Hurricane Idalia: September-November 2023

Project Size
May 2024 Severe Storms: 345,751 CYs (ROW) and 8,061 CYs (Parks)
Hurricane Idalia: 22,807 CYs

Project Cost
May 2024 Severe Storms: Estimated \$7.5 million
Hurricane Idalia: \$571,244

Reference Contact
Brent Pell, P.E. Director - Public Works
PellB@leoncountyfl.gov
(850) 606-1537



The path of the three tornadoes, courtesy of the National Weather Service.

Hurricane Idalia

In late August 2023, Hurricane Idalia swept across the Gulf of Mexico towards Florida’s Big Bend region. The hurricane, which briefly intensified to a Category 4 with sustained winds of 130 miles per hour for over a minute, was downgraded to a Category 3 before making landfall. Coastal communities along Florida’s west coast and into the panhandle experienced storm surges, flooding, downed trees, and power lines. Leon County was one of the communities inland that received the brunt of the storm.

Tetra Tech responded quickly to Leon County’s needs. Tetra Tech established one debris monitoring site and hired 23 field monitors to support the debris removal efforts. By the end of the project, the team had **monitored the removal of 22,807 CYs of debris.**



Disaster Debris Management

Polk County's location near the center of Florida put its residents directly in the path of Hurricane Ian. As Ian crossed the state, bringing heavy rain and high winds, our management team was available to the County both prior to and immediately following the hurricane. Tetra Tech aided the County in opening seven debris management sites (DMS) and two citizen drop-off sites. The DMS sites were strategically picked throughout the county to allow for shorter windshield time for the debris hauling trucks to make for a more efficient right-of-way (ROW) program.

Tetra Tech provided and monitored a call center for the County, where hundreds of residents called in daily with complaints and to make the County aware of their debris pickup needs. This allowed the County to focus on more critical needs. In addition to the certifying and monitoring of ROW clean-up of over 50 tandem hauling units at the height of the project, Tetra Tech also monitored the leaners and hangers program for the County; a total of **16,396 hazardous limbs and trees** were cut throughout the County's public ROW. Tetra Tech also coordinated with the County all right-of-entry forms as well as gate codes to allow the contractor access to pick up the debris within the many gated neighborhoods throughout both the municipalities and the County. In total, Tetra Tech monitored the removal of over 1.1 million cubic yards of debris from both the unincorporated County and municipalities.

In 2017, Hurricane Irma caused significant destruction with nearly 20,000 homes and businesses suffering structural damage and many more without power. The County activated Tetra Tech under a pre-positioned contract to conduct disaster debris monitoring services. Once again, our staff was available to the County both prior to and immediately after the storm passed, whereupon a dedicated team began the hiring and ramp-up process. At peak operations, 153 debris local personnel were hired to monitor the debris removal process throughout the County. Along with the **2,000,000+ yards of debris** monitored by Tetra Tech, our team also monitored the eligible removal of **over 30,000 dangerous hanging limbs and leaning trees**. The comprehensive services performed by Tetra Tech include right-of-way debris removal; processing, site management and haul-out; private road and gated community debris removal; and leaner, hanger and stump removal.

In addition, Tetra Tech was instrumental in coordinating and separating the debris removal from both public and private roads in 15 County municipalities as well as the management of 13 temporary disposal locations. Our team worked with County officials to segregate cost allocations to these 15 municipalities.

Client

Polk County, Florida

Period of Performance

Hurricane Ian: October 2022 – February 2023

Hurricane Irma: September 2017–September 2018

Project Size

Hurricane Ian: 1,107,000 CYs

Hurricane Irma: 2,270,031 CYs

Project Cost

Hurricane Ian: \$21,823,900

Hurricane Irma: \$30,983,251

Reference Contact

Michael Teate, Roads and Drainage Maintenance Manager

MichaelTeate@polk-county.net
(863) 535-2200

Tab E – Proposal Matrix

Ability to Provide the Proposed Scope of Services

Franklin County is a Florida coastal community with a population of roughly 12,300. The County is located on the Gulf of Mexico and covers a total of 1,026 square miles of land and water, making it vulnerable to natural disasters such as hurricanes and flooding, as seen with the impact of Hurricane Michael in 2018.

Tetra Tech fully understands the County's operational needs and expectations as it pertains to the proposed scope of work. **Our team responded to Franklin County following Hurricane Michael, where we monitored the removal of more than 126,000 CYs of debris, including removal of debris from County parks.** We understand the special services the County may require and need to coordinate with municipalities throughout the County. Furthermore, Tetra Tech is a Florida-based firm with more disaster debris monitoring experience across the state than any other firm. Our project approach focuses on the following principles:



Our project approach focuses on the following principles:

Continuous Coordination and Communication with County Officials and Stakeholders: A dedicated project management team will be appointed to coordinate with County officials throughout the year, not just during times of activation.

Immediate Response Capabilities: Tetra Tech has disaster recovery personnel and 24 offices throughout the state, including our disaster recovery hub near Orlando and two offices in Tallahassee. Additionally, we utilize an immediate response staffing and logistics plan that will allow the County to return to the business of running day-to-day operations.

Focus on Hiring Locally: Tetra Tech focuses on hiring and training local residents, thereby benefiting the local economy and reducing mobilization and transportation costs.

Project Transparency and Real-time Reporting: Our proprietary automated debris management system (ADMS) technology, *RecoveryTrac™*, provides detailed reporting systems and mapping capabilities that are available in real-time to the County and are tailored to the County's data needs. *RecoveryTrac™* was utilized by the County following Hurricane Michael.

Maximum Reimbursement for the County: Tetra Tech's knowledge of Federal Emergency Management Agency (FEMA), Federal Highway Administration (FHWA), and other applicable regulations, guidelines, and operating policies paired with our stringent quality assurance program and documentation procedures will help the County to receive and keep the maximum reimbursement allowed following a disaster.

Value Added Benefits (Pro Bono Publico)

Tetra Tech's commitment to our clients begins with value-added pre-disaster training and coordination to ensure that we provide the best available end-to-end response and recovery program management services should we be called upon in the event of a future disaster. After contract award, Tetra Tech will provide the following services at no cost to the County:

- Review of open Project Worksheets (PWs) from previous open disasters
- Annual coordination meeting with County stakeholders and debris removal contractors
- 1-day FEMA Public Assistance (PA) orientation and training or tabletop exercise for County staff
- Review and comment on the County's Disaster Debris Management Plan

- Review of existing TDMS and selection criteria
- Review/update of the County's Geographic Information Systems (GIS) Center line data
- Annual updates regarding FEMA and other agency policy changes
- Review of local ordinances and code(s) related to County debris removal operations

Project Approach

Tetra Tech's project approach has been refined over the course of more than 300 activations, including Franklin County's disaster debris project following Hurricane Michael. The following project approach describes Tetra Tech's proposed plan to deliver the services requested by the County, and addresses the following:

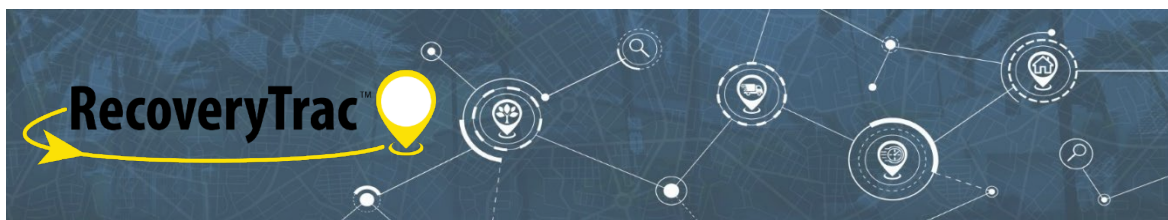
- The instructions for Tab E described on page 22 of the RFP;
- Project Approach requirements listed in the evaluation criteria on page 24 of the RFP; and
- The Scope of Services described in Section 7.

Activation

Tetra Tech has never failed to respond to our client's needs. Tetra Tech will be prepared for activation, in the event that a future disaster or disaster threat occurs. As identified in the County's request for proposals, Tetra Tech will be prepared to respond immediately after tropical sustained winds are below 40 mph.

Tetra Tech implements a best practices approach to disaster debris monitoring when planning for and responding to debris-generating events. Tetra Tech has carefully reviewed the scope of work requested in the County 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 providing a consistent and coordinated team to perform these services upon activation. Our project team will continue to dedicate themselves to the County's needs throughout the year, not just during times of activation.

RecoveryTrac™ Automated Debris Management System



Our team has spent years on research and development 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™* ADMS is the result of these efforts. *RecoveryTrac™* ADMS is a scalable and fully featured disaster management application designed to address the operational challenges faced during a disaster recovery project.

Our proprietary *RecoveryTrac™* ADMS technology was validated by the U.S. Army Corps of Engineers (USACE) twice, once in 2015 and again in 2023. 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.

Tetra Tech's *RecoveryTrac™* ADMS system is regarded as the #1 debris tracking system in the industry for the following reasons:

- **Most Broadly Tested ADMS in the Industry** – *RecoveryTrac™* ADMS is a proven system that has been used to execute the largest USACE activations involving ADMS technology, including the State of California NORCAL Fire response and the State

of Georgia Hurricane Michael statewide activations. During simultaneous response to Hurricanes Harvey and Irma in 2017, Tetra Tech deployed approximately 6,000 ADMS devices to collect and manage data for over 100 projects. **No other system has tracked and documented as much debris as RecoveryTrac™.**

- **Stable and Secure ADMS System** – *RecoveryTrac™* ADMS is the industry leader in secure data systems. The *RecoveryTrac™* system is securely hosted in the Microsoft Azure Government high-availability, cloud-based data center with restricted access and transaction-level auditing. The database is continually backed up and immediately replicated to an off-site location. The database is geospatially based and is maintained and synchronized with the reporting database in near real-time to maximize system performance, availability, and security.
- **Unmatched Flexibility to Meet the Needs of Any Client** – The system is designed to be fully customizable and allows for multiple data collection methods to streamline the debris collection documentation process with a focus on minimizing the cost to our clients and improving the visibility and transparency of debris project operations.
- **Unrestricted by Hardware** – Because *RecoveryTrac™* ADMS utilizes readily available hardware, there are no restrictions to the amount of ADMS units our team can provide. Our team stocks thousands of units and can expand to fit any client's needs, including multiple simultaneous activations.

Benefits of *RecoveryTrac™* ADMS

Ability to Respond. Combined with the on-hand inventory of thousands of 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™* ADMS 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™* ADMS 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™* ADMS 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.

Truck Tracking. Our system is capable of providing with real-time location data for debris hauler assets. This translates into the ability to manage assets to those hardest hit locations or distribute assets more evenly based on issues such as first-pass completion, traffic patterns, and hot spots.

Real-Time, Customized 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.

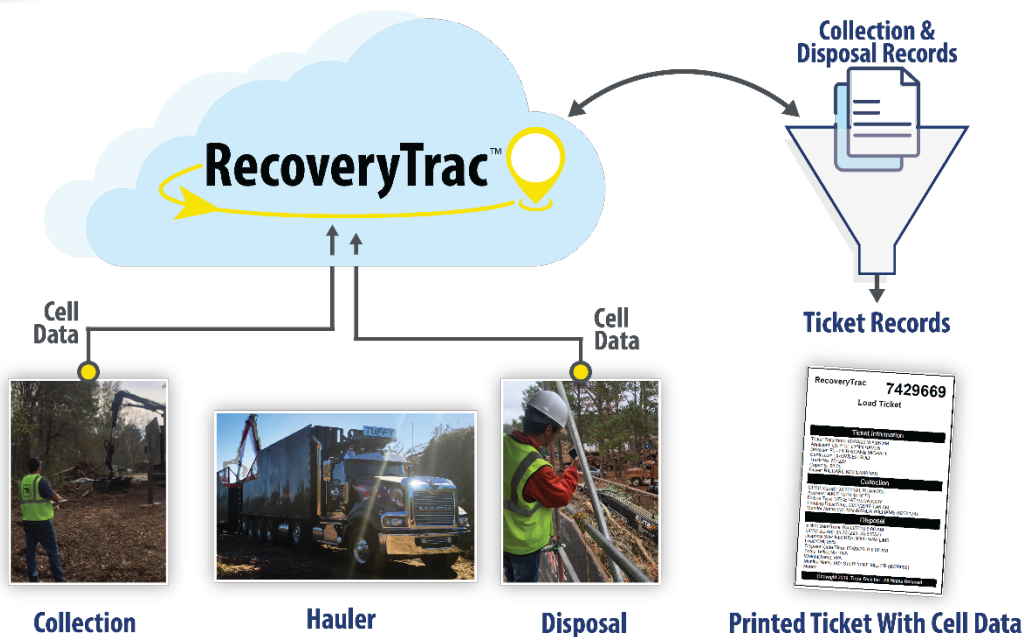
RecoveryTrac™ ADMS Key Facts

- Owned and operated by Tetra Tech
- Thousands of 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*™ ADMS process are as follows:

| | |
|--------------------------|---|
| STEP 01 | The process begins with debris hauler truck certification using the handheld devices. Handheld devices are provisioned and assigned to both field and debris site/tower monitors. |
| STEP 02 | 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). |
| STEP 03 | 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. |
| STEP 04 | When the truck is full, the field monitor selects the debris type and scans the control ticket to assign the load a unique number. |
| STEP 05 | 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. |
| STEP 06 | The control ticket is provided to the driver and taken to the DMS, where it is scanned by a debris site/tower monitor. |
| STEP 07 | The debris site/tower monitor confirms the truck and debris type and enters the load call. |
| STEP 08 | 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 device automatically uploads the stored ticket data.

RecoveryTrac™ ADMS Features

Tetra Tech brings significant experience and understanding in the design and build of disaster debris removal data management systems that offer data collection, storage, sharing, analysis, and reporting.

Because of our previous experience, we have several ready-to-use components already built and ready to deploy. These components can be quickly repurposed saving time and cost while ensuring field work starts quickly. Some examples of these existing capabilities and tools include:

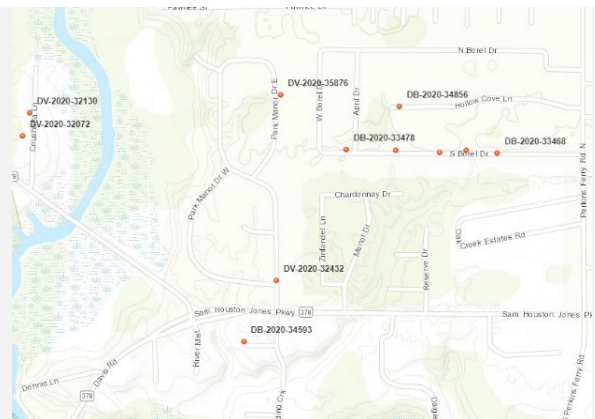
Our operational and data experience with disaster debris monitoring, combined with the best GIS and data professionals in the industry, results in top-shelf solutions to the most complicated data and tracking needs.

Industry-standard ArcGIS Feature Services delivers *RecoveryTrac™* ADMS data and serves as foundational building block for the applications.

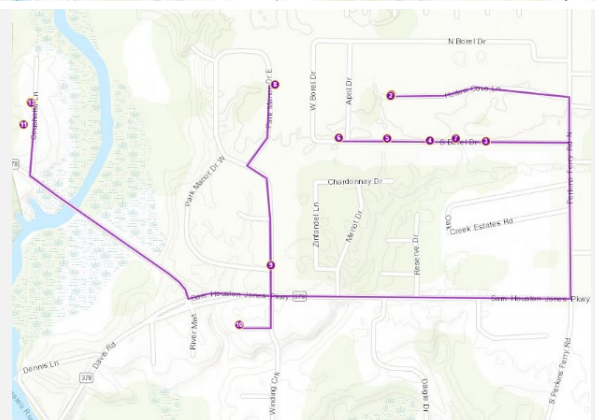
Services:

- [RT/RecoveryTrac_DebrisAuditData_RT2020](#) (FeatureServer)
- [RT/RecoveryTrac_DebrisAuditData_RT2020](#) (MapServer)
- [RT/RecoveryTrac_DebrisRemovalData_RT2020](#) (FeatureServer)
- [RT/RecoveryTrac_DebrisRemovalData_RT2020](#) (MapServer)
- [RT/RecoveryTrac_MonitorLocations_v1](#) (MapServer)
- [RT/RT2018_ProjectBoundaryData_v1](#) (FeatureServer)
- [RT/RT2018_ProjectBoundaryData_v1](#) (MapServer)
- [RT/RT2018_ProjectZoneData_v1](#) (FeatureServer)
- [RT/RT2018_ProjectZoneData_v1](#) (MapServer)
- [RT/RT2018_SiteObservationsIncidentData_v1](#) (FeatureServer)
- [RT/RT2018_SiteObservationsIncidentData_v1](#) (MapServer)
- [RT/RT2020_ProjectZoneData_v1](#) (FeatureServer)
- [RT/RT2020_ProjectZoneData_v1](#) (MapServer)

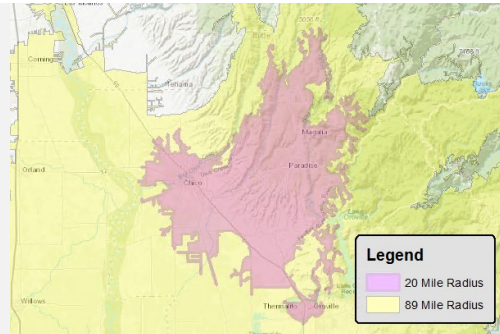
Initial Work Surveys document results of initial surveys to quickly collect, display, and summarize data into actionable operations planning. This data, including photographs, can be used to organize and deploy resources to improve speed and efficiency of the operation.



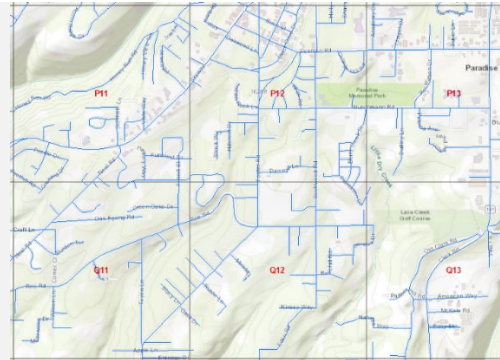
Work lists and optimized routes can be generated by the *RecoveryTrac™* system. As the routes are completed, the locations are marked complete.



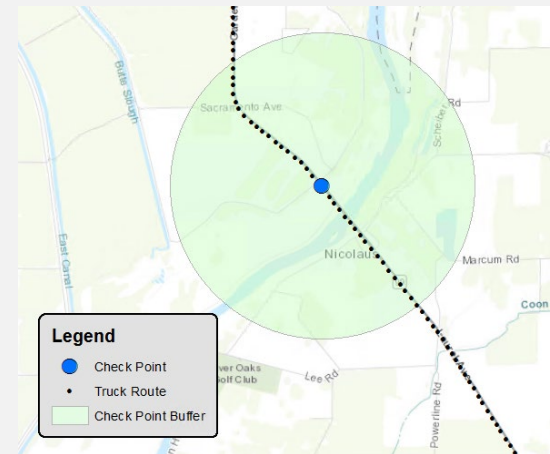
The Driving Distance Analysis tool is used to calculate estimated distance and drive time based on the existing road network. This planning tool is used as a parameter to design the shortest route, work list planning, and other operational factors.



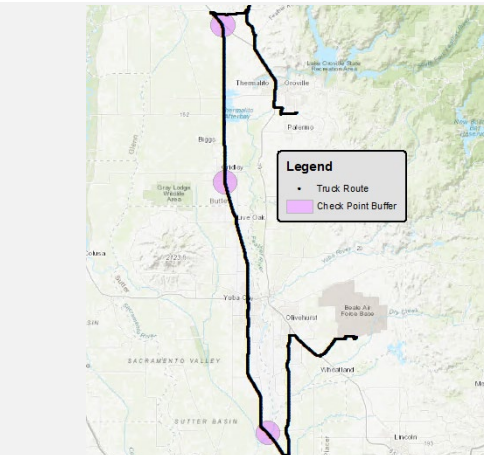
The Standardized ROW Grid Index layout is available in several formats, including GIS Mapping applications, mobile data collection apps, and hard copy maps. Map segment areas are configurable for size and allow attribute modification for tasks, including contractor, quality, and safety review tasks.



An automation tool built to validate routes taken to TDSRS/DMS. When a vehicle enters a checkpoint buffer area, the position record is annotated as passing the checkpoint. Route maps can be created, along with custom reporting as specified by operational requirements.



Fleet tracking data provides complete route information. The data can be made available to show live tracking or view route history. Transportation analysis services are available, or data exports can be provided for County requests.



Mobilization Schedule

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 phases: initiation, mobilization, execution, and closeout.

- **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.

Emergency Push

During the emergency push period, debris removal contractors coordinate with County crews to clear blocked roadways for emergency vehicle passage. Tetra Tech can support the County with emergency push efforts. Tetra Tech services may include the following:

- Coordination with the County to conduct preliminary damage assessments and road closures
- Document blocked roads that require immediate clearance
- Help staff maintain maps or databases to track road clearance progress and other essential tasks, as requested
- Administer the sign-in and sign-out of labor and equipment to track time and materials (T&M) charges
- Maintain reimbursement documentation of emergency push work
- Establish public information protocols to respond to concerns and comments

Training

In disaster response and recovery, training is not one-size-fits-all. Tetra Tech customizes formal trainings to the duties of each new employee, and hosts trainings in the Hiring Center with a Tetra Tech certified trainer. These trainings include modules specific to each client's needs and requirements, complete with information to ensure accurate field monitoring and ADMS implementation. By using interactive qualifying tools throughout training modules, Tetra Tech helps trainees better retain information while also screening and selecting the most qualified personnel as field monitors.

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. 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.

Vehicle Certification

Tetra Tech uses the *RecoveryTrac™* system to electronically certify all trucks used in an activation. Our team follows a proven vehicle certification procedure that complies with FEMA guidelines and results in maximum reimbursement. Our certification includes:

- Unique truck numbers for contractor crews and equipment
- Automated truck certification form, including:
 - FEMA guidelines on truck certification documentation and volume calculations
 - Barcode for automated ticket scanning
- Vehicle notations on the truck certification form and vehicle placard, informing tower monitors of sideboards, tailgates, or other modifications
- Photographs of vehicles, vehicle cavities, and drivers
- Periodic spot checks and recertification of trucks to identify trucks altered after initial certification

Benefits of using Tetra Tech's mobile truck certification application include:

- Electronic volume calculations
- Instantaneous upload to the *RecoveryTrac™* database
- Immediate QA/QC checks to verify the truck certification calculations
- Automated photo-matching of truck and driver photographs

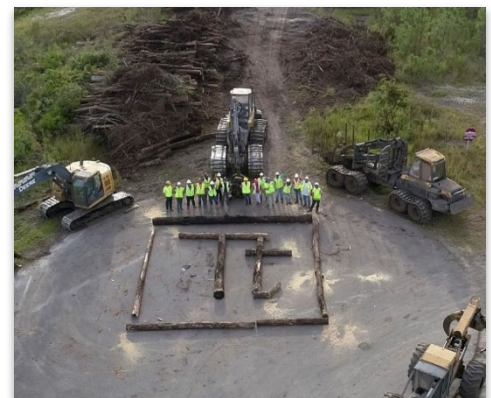
The truck certification application allows us to complete truck certifications in **30% less time than with a paper-based system.**

Debris Management Site Monitoring

Tetra Tech has industry-leading experience assisting local and state governments with locating and permitting DMS before a disaster event as well as post-disaster. Based on State environmental agency guidelines, DMS typically require baseline soil testing before use. Following the completion of work at the DMS, the baseline soil testing is used to verify site remediation is complete.

As DMS are activated, Tetra Tech will provide a minimum of two disposal monitors per site, which may scale depending on site layout and operational needs. The disposal monitors will verify that the debris contractor passes through the DMS and will verify accurate and complete documentation. Several daily audits will be performed by project managers and supervisors to verify that load call data is consistent and accurate. Documentation kept by Tetra Tech DMS disposal monitors includes:

- **Load Ticket.** Documents that debris removal complies with all FEMA requirements.
- **Disposal Monitor Log.** Used as backup documentation as required by FEMA.
- **Scale Manifest Tickets.** For weight-based debris hauling contracts, Tetra Tech will digitize and catalog scale tickets.
- **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.



Stumps and Leaners/Hangers

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 utilizes 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.

Reporting

Tetra Tech has extensive experience in collecting, managing, and tracking financial and project data. Our firm has a full suite of existing reports to allow for custom reporting on all metrics requested from our clients. Tetra Tech has years of experience tracking invoice amounts and payments, budget forecasting, change order and work order attributable costs, etc. We understand the importance of accurate data and cost tracking and have developed several reports over the years to enhance visibility into essential project aspects. A sample of the variety of reports we are able to issue are summarized on the following pages.

Daily Report

Tetra Tech has a suite of reports that are automated from *RecoveryTrac*[™] ADMS 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.

Contractor Reconciliation

The *RecoveryTrac*[™] system 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. Prior to the start of debris removal operations, Tetra Tech will meet with the debris contractor(s) to review:

- The invoicing processes
- Contract services established in our database
- Tetra Tech data tools available for their use
- Any other accounting needs as tasked by the County

During this meeting, the typical components of the Tetra Tech payment recommendation will be reviewed, the process for adjustment reconciliation will be explained, and the debris contractor(s) will be trained on how to access Tetra Tech's suite of debris hauler reconciliation data reports (including reconciled transactional and live ticket data).

If *RecoveryTrac*[™] ADMS will be used to document the debris contractor's work, Tetra Tech will review the automated reports generated by the system to verify that the dataset is sufficient to reconcile with that contractor's subcontractors, and to generate

invoices for payment by the County. If another cost tracking system will be used to document the debris contractor's work, Tetra Tech will review the work that has to be documented to verify that our staff will be able to capture the information needed for accounting and invoice review.

Whether using *RecoveryTrac*™ ADMS or paper logs, Tetra Tech will use our *RecoveryTrac*™ database to store and review data generated in the field documenting debris contractor work. Several QA and QC checks of data will occur before the dataset is ready for reconciliation with the contractor. Services related to debris contractor work order or change order charges are also tracked within the system.

Tetra Tech will submit invoices within the timeframes determined by the County. The process for contractor invoice reconciliation is as follows:

1. Debris contractor manually enters ticket detail into a contractor database or imports ticket data based on debris contractor reports.
2. Debris contractor generates an invoice for a specified period and submits the invoice and electronic backup to Tetra Tech for review.
3. Tetra Tech reviews the contractor data against *RecoveryTrac*™ database records:
 - a. If no discrepancies are identified, Tetra Tech notifies the debris contractor of no discrepancies in the data set.
 - b. If discrepancies are identified, Tetra Tech generates a discrepancy report noting ticket numbers and differences between the two data sets.
4. If applicable, Tetra Tech will also perform a full reconciliation of end use/disposal facility data corresponding to debris contractor disposed debris.
5. Tetra Tech submits the discrepancy report for the debris contractor's review. The debris contractor revises its invoice based on the discrepancies and resubmits to Tetra Tech for review.
6. Once a debris contractor's invoice has been reconciled, Tetra Tech generates a payment recommendation and transmittal letter for each invoice and submits the invoice package for review by the County. Tetra Tech's invoice package includes the following:
 - a. Contractor invoice
 - b. Tetra Tech transmittal letter and payment recommendation
 - c. Cost allocation data, if applicable
7. Electronic copies of supporting documentation (i.e., load tickets, unit rate tickets, or time and material logs).

Our invoicing process includes 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.

Final Report/Closeout

Tetra Tech has extensive experience completing final reports for disaster debris removal projects. The Final Report will summarize the pre-debris removal, pre-tree removal, and post-debris and post-tree removal conditions. The Final Report typically includes the initial and final assessments, ROE, summary of quantities of materials removed, environmental sampling information, pre and post-work photographs, and final sign off.

In addition, data can be downloaded directly from the *RecoveryTrac*™ system using ESRI's ArcGIS feature services. These feature services allow location base selection and download of the data contained within the selected area. *RecoveryTrac*™ Fleet history, including individual route history can be downloaded and is available over the life of the project.

Upon project closeout, geospatial data will be provided in an ESRI File Geodatabase (FGDB). Non-geospatial data would be provided in Microsoft Excel format, as directed by the County. The data formats provided do not require a *RecoveryTrac*™ license.

Tab F – Licenses

Provided on the following pages, Tetra Tech has included copies of the professional licenses and certifications.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

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 EVP, Chief Sustainability and Leadership Development Officer

Shoemaker, Leslie L
3475 E. Foothill Blvd.
Pasadena, CA 91107

Title Senior Vice President, Corporate Controller, Chief Accounting Officer

Carter, Brian N
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 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 President, Global Development Services Division

Argus, Roger R.
1230 Columbia Street
Suite 1000
San Diego, CA 92101

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 President

Hudkins, Jill M
3475 E. FOOTHILL BLVD
PASADENA, CA 91107

Title Treasurer

Wu, Jim
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

GANDHI, PRASHANT
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Obiaya, CHRISTIANA
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Director

Volpi, Kirsten M
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 Senior Vice President of Human Resources and Leadership Development

McDonald, Kevin P.
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Senior Vice President, Enterprise Risk Management

O'Rourke, Brendan
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title Senior Vice President and President of the Canada and South America Division

Teufele, Bernie
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title President, High Performance Buildings Division

Fowler, Stuart
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title President, Federal Information Technology Division

Jeannot, Olivier H
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Title President, Energy Engineering Division

Weiss, Jonathan
3475 E. FOOTHILL BLVD.
PASADENA, CA 91107

Annual Reports

| Report Year | Filed Date |
|--------------------|-------------------|
| 2022 | 01/03/2022 |
| 2023 | 01/12/2023 |
| 2024 | 01/10/2024 |

Document Images

| | |
|---|--------------------------|
| 01/10/2024 -- ANNUAL REPORT | View image in PDF format |
| 01/12/2023 -- ANNUAL REPORT | View image in PDF format |
| 01/03/2022 -- ANNUAL REPORT | View image in PDF format |
| 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 |



Florida Department of State, Division of Corporations

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, 2024, that its most recent annual report/uniform business report was filed on January 10, 2024, 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 Tenth day of January, 2024*




Secretary of State

Tracking Number: 4631708011CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

Tab G – Insurance

Tetra Tech has provided a copy of the sample insurance on the following page.

Tab H – Required Documents

Tetra Tech has included the required forms on the following pages.

- Proposer’s Information Sheet
- No Response Form
- Contact for Contract Administration Form
- Proposer’s Certification
- Addendum Acknowledgement
- Drug-Free Workplace Certificate
- Sworn Statement Pursuant to Section 287.133 (3)(a) F.S. in Public Entity Crimes
- Affidavit of Non-Collusion
- ADA Nondiscrimination Statement
- No Lobbying Affidavit
- Vendor Certification Regarding Scrutinized Companies Lists
- Certification for Contracts, Grants, Loans, and Cooperative Agreements
- E-Verify Compliance Form
- Professional References
- MWBE Participation Statement
- Vendor Information
- W-9 Form
- Hourly Rate Schedule

Section 8 – Required Forms

PROPOSAL SUBMITTAL CHECKLIST

- Program Standards and Requirements Statement
- Financial Statement
- Proposer’s Information Sheet
- No Response Form **Not Applicable**
- Contact for Contract Administration Form
- Proposer’s Certification
- Addendum Acknowledgement
- Drug-Free Workplace Certificate
- Sworn Statement Pursuant to Section 287.133 (3)(a) F.S. in Public Entity Crimes
- Affidavit of Non-Collusion
- ADA Nondiscrimination Statement
- No Lobbying Affidavit
- Vendor Certification Regarding Scrutinized Companies Lists
- Certification for Contracts, Grants, Loans, and Cooperative Agreements
- E-Verify Compliance Form
- Professional References
- MWBE Participation Statement
- Vendor Information
- W-9 Form
- Hourly Rate Schedule

Submission of one (1) original marked “ORIGINAL”, five (5) identical paper copies, and one (1) electronic copy in pdf format on a USB drive labeled with the company name and RFP number in conformance with the detailed submittal instructions. FAILURE TO PROVIDE ALL INFORMATION listed on each form may result in the rejection of your proposal, or a reduction in evaluation points. FAILURE TO PROVIDE AN UNLOCKED ACCESSIBLE ELECTRONIC COPY OF YOUR RESPONSE shall result in the rejection of your proposal.

BY: [Tetra Tech, Inc.](#)

Bidder


(Authorized Signature)

August 1, 2024

(Date)

[Jonathan Burgiel](#)

(Print Name)

This document must be completed and returned with your Submittal



REQUEST FOR PROPOSAL FOR EMERGENCY PLANNING, DISASTER RECOVERY & HAZARD MITIGATION GRANT PROGRAM SERVICES RFP #:

Information Sheet
For Transactions and Conveyances
Corporate Identification

The Following information will be provided to the Franklin County Legal Services for incorporation in legal documents. It is; therefore, vital all information is accurate and complete. Please be certain all spelling, capitalization, etc. is exactly as registered with the State and Federal Government.

Is this a Florida Corporation: YES (Circle One) or NO

If not a Florida Corporation, In what State was it created? Delaware
Name as spelled in that State. Tetra Tech, Inc.

What kind of Corporation is it? For Profit or Not for Profit

Is it in good Standing? YES or NO

Authorized to transact business in Florida? YES or NO

State of Florida, Department of State, Certificate of Authority Document No: P19034

Does it use a registered fictitious name? YES or NO

Name of Officers: Tetra Tech has provided a list of officers on the following page.
President: Secretary:
Vice President: Treasurer:
Director: Director:
Other: Other:

Name of Corporation (As used in Florida): Tetra Tech, Inc.
(Spelled exactly as it is registered with the State or Federal Government)

Corporate Address:
Post Office Box:
City, State, Zip:
Street Address: 3475 East Foothill Blvd.
City, State, Zip: Pasadena, CA 91107
(Please provide Post Office Box and Street Address for mail and/or express delivery; also, for recorded instruments involving land)

Federal Identification Number: 95-4148514
(For all instruments to be recorded, taxpayer's identification is needed)

Name of Individual who will sign the instrument on behalf of the Company: Jonathan Burgiel
(Upon Certification of Award, the President or Vice-President shall sign Contract. Any other officer shall have permission to sign via a resolution approved by the Board of Directors on behalf of the company. The awarded contractor shall submit a copy of the resolution together with the executed contract to the Contact listed in Section 3.1.)

Title of the individual named above who will sign on behalf of the Company: Business Unit President

| Name | Role |
|--------------------------|---|
| Dan L. Batrack | Chief Executive Officer, President |
| Steven M. Burdick | Executive Vice President, Chief Financial Officer |
| Leslie L. Shoemaker, PhD | Executive Vice President, Chief Sustainability and Leadership Development Officer |
| William R. Brownlie | Senior Vice President, Chief Engineer, President |
| Brian N. Carter | Senior Vice President, Corporate Controller and Chief Accounting Officer |
| Craig L. Christensen | Senior Vice President, Chief Information Officer |
| Preston Hopson | Senior Vice President, General Counsel, and Secretary |
| Richard A. Lemmon | Senior Vice President, Corporate Administration |
| Brendan O'Rourke | Senior Vice President, Enterprise Risk Management |
| Roger R. Argus | President, Government Services Group and Commercial/International Group |
| Stuart W. Fowler | President, High Performance Buildings Division |
| Craig Hatch | President, Europe and UK Division |
| Olivier H. Jeannot | President, Federal Information Technology Division |
| Thomas Reilly | President, Global Development Services Division |
| Lauren Springer | President, U.S. Infrastructure Division |
| Meegan Sullivan | President, Asia Pacific Division |
| Bernard Teufele | President, Environment/Geotech Division |
| Jeremy B. Travis | President, U.S. Government Division |
| Jonathan S. Weiss | President, Energy Engineering Division |
| Dan L. Batrack | Chairman of the Board |
| Gary R. Birkenbeuel | Director |
| Prashant Gandhi | Director |
| Joanne M. Maguire | Director |
| Christiana Obiaya | Director |
| Kimberly E. Ritrievi | Director |
| J. Kenneth Thompson | Director |
| Kirsten M. Volpi | Director |
| Li-San Hwang | Chairman Emeritus |

“NO RESPONSE”

If your firm is unable to provide a submittal, please complete and return this form prior to date shown for receipt and return to:

Franklin County Emergency Management
28 Airport Road
Apalachicola, FL 32320
OR
jenniferd@franklincountyflorida.com

We have declined to propose for the following reason(s):

- _____ We do not offer this service/product
- _____ Our schedule would not permit us to perform
- _____ Unable to meet specifications
- _____ Unable to meet bond/insurance requirements
- _____ Specifications unclear (please explain below)
- _____ Other (please specify below)

REMARKS _____

Print Name and Title

Company Name

Address

Business Phone

E-mail



REQUEST FOR PROPOSAL FOR EMERGENCY PLANNING, DISASTER RECOVERY & HAZARD MITIGATION GRANT PROGRAM SERVICES RFP #:

CONTACT FOR CONTRACT ADMINISTRATION

Designate one person authorized to conduct contract Administration.

NAME: Jonathan Burgiel

TITLE: Business Unit President

COMPANY NAME: Tetra Tech, Inc.

ADDRESS: 2301 Lucien Way, Suite 120


CITY: Maitland

STATE: Florida **ZIP:** 32751

TELEPHONE NUMBER: 407-803-2551

FAX NUMBER: 321-441-8501

EMAIL: TDR.contracts@tetrattech.com

SIGNATURE: 

Attachment 'F'

PROPOSER'S CERTIFICATION

I have carefully examined the Request for Proposals, Instructions to Proposers, General and/or Special Conditions, Specifications, RFP Proposal, and any other documents accompanying or made a part of this invitation.

I hereby propose to furnish the goods or services specified in the Request for Proposal at the prices or rates as finally negotiated. I agree that my proposal will remain firm for a period of up to ninety (90) days to allow the Entities adequate time to evaluate the proposal. Furthermore, I agree to abide by all conditions of the proposal.

I certify that all information contained in this RFP is truthful to the best of my knowledge and belief. I further certify that I am a duly authorized to submit this RFP on behalf of the Proposer / Contractor as its act and deed and that the Proposer / Contractor is ready, willing, and able to perform if awarded the contract.

I further certify that this RFP is made without prior understanding, Contract, connection, discussion, or collusion with any person, firm or corporation submitting a RFP for the same product or service; no officer, employee or agent of the Entities Board of Entities Commissioners or of any other proposer interested in said RFP; and that the undersigned executed this Proposer's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

I further certify that having read and examined the specifications and documents for the designated services and understanding the general conditions for contract under which services will be performed, does hereby propose to furnish all labor, equipment, and material to provide the services set forth in the RFP.

I hereby declare that the following listing states any clarifications, all variations from and exceptions to the requirements of the specifications and documents. The undersigned further declares that the "work" will be performed in strict accordance with such requirements and understands that any exceptions to the requirements of the specifications and documents shall render the proposal non-responsive.

NO EXCEPTIONS ALLOWED AFTER THE RFP IS SUBMITTED:

Please check one: I take NO exceptions. Exceptions:

| | |
|--|-------------------------------------|
| <u>Tetra Tech, Inc.</u> | <u>2301 Lucien Way Suite 120</u> |
| NAME OF BUSINESS | MAILING ADDRESS |
| <u></u> | <u>Maitland, FL 32751</u> |
| AUTHORIZED SIGNATURE | CITY, STATE & ZIP CODE |
| <u>Jonathan Burgiel, Business Unit President</u> | <u>407-803-2551/ 321-441-8501</u> |
| NAME, TITLE, TYPED | TELEPHONE NUMBER / FAX NUMBER |
| <u>95-4148514</u> | <u>TDR.contracts@tetrattech.com</u> |
| FEDERAL IDENTIFICATION # | E-MAIL ADDRESS |

STATE OF FLORIDA
COUNTY OF Orange

The foregoing instrument was acknowledged before me this 1 day of August, 2024 by Jonathan Burgiel who is personally known to me or who has produced as identification and who did take an oath.

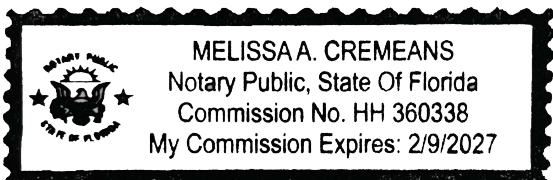
My Commission Expires:

Melissa Cremeans 

Notary Public

Name typed, printed or stamped

My Commission Expires: 2/9/2027



Attachment 'F'

ADDENDUM ACKNOWLEDGEMENT

I have carefully examined this Request for Proposal (RFP) which includes scope, requirements for submission, general information and the evaluation and award process.

I acknowledge receipt and incorporation of the following addenda, and the cost, if any, of such revisions has been included in the price of the proposal.

| | | | | | | | |
|------------|-------------------|-------|--------------------------|------------|-------------------|-------|-------------------|
| Addendum # | <u> 1 </u> | Date: | <u> July 31, 2024 </u> | Addendum # | <u> </u> | Date: | <u> </u> |
| Addendum # | <u> </u> | Date: | <u> </u> | Addendum # | <u> </u> | Date: | <u> </u> |



(Authorized Signature)

 August 1, 2024

(Date)

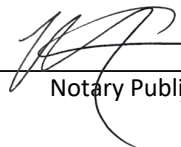
 Jonathan Burgiel

(Print Name)

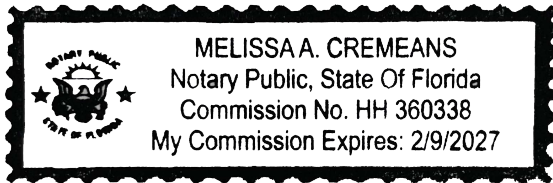
STATE OF FLORIDA
COUNTY OF Orange

The foregoing instrument was acknowledged before me this 1 day of August , 2024 by Jonathan Burgiel , who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires: 2/9/2027



Notary Public



Attachment 'F'

FRANKLIN COUNTY
DRUG-FREE WORKPLACE COMPLIANCE FORM

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids, which are equal with respect to price, quality, and service, are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

(The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that Tetra Tech, Inc. does): (Name of Business)

- 1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Subsection 1.
4. In the statement specified in Subsection 1, notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this form complies fully with the above requirements.

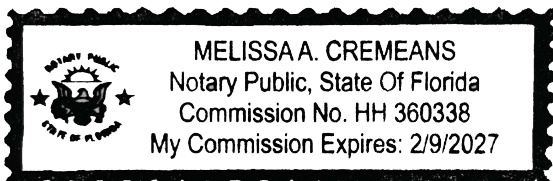
Vendor's Signature: Jonathan Burgiel Date August 1, 2024

Print or Type Name/Title Jonathan Burgiel, Business Unit President

STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of [X] physical presence or [] online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced (type of identification) as identification.

[Notary Seal]



Jonathan Burgiel, Business Unit President
Name typed, printed or stamped
My Commission Expires: 2/9/2027

Attachment 'F'

**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE
PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL
AUTHORIZED TO ADMINISTER OATHS

1. This sworn statement is submitted to FRANKLIN COUNTY, FLORIDA by:

Jonathan Burgiel, Business Unit President

(print individual's name and title)

for: Tetra Tech, Inc.

(print name of entity submitting sworn statement)

whose business address is: 2301 Lucien Way, Suite 120 Maitland, FL 32751

and (if applicable) its 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:
____ - ____ - ____).*

2. I understand that a "public entity crime" as defined in Paragraph 287.133 (1)(g), Florida Statutes, 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 of the United States, including but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentations.
3. I understand that "convicted" or "conviction" 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 record 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 non contendere.
4. 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 person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. 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 any state or of the United States with legal power to enter into a binding contract and which bids or applies to bid on contracts for the 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, and partners. Shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement, which I have marked below, is true in relations to the entity submitting this sworn statement. (Indicate which statement applies).

Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any

affiliate of the entity has 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 its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the 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.
- The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the 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. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 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.

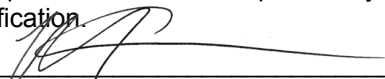


Signature

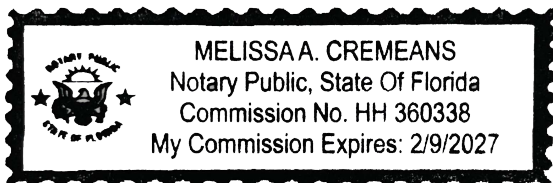
STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]



Notary Public
Jonathan Burgiel, Business Unit President
Name typed, printed or stamped
My Commission Expires: 2/9/2027



Attachment 'F'

AFFIDAVIT OF NON-COLLUSION AND OF NON-INTEREST OF ENTITY'S EMPLOYEES

Tetra Tech, Inc. Jonathan Burgiel, * being first duly sworn, deposes and says that he/she is the Offeror in the above proposal, that the only person or persons interested in said proposal are named therein; that no officer, employee or agent of the Entities Board of Entities Commissioners or of any other Offeror is interested in said proposal; and that affiant makes the above proposal with no past or present collusion with any other person, firm or corporation.

Jonathan Burgiel

Authorized Signature

August 1, 2024

Date

Jonathan Burgiel

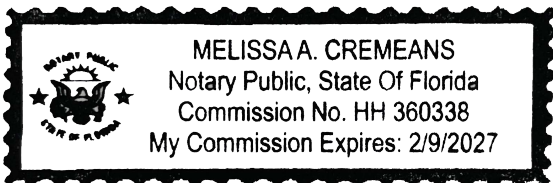
(Print Name)

STATE OF FLORIDA

COUNTY OF Orange

The foregoing instrument was acknowledged before me this 1 day of August, 2024 by Jonathan Burgiel, who is personally known to me or who has produced as identification and who did take an oath.

My Commission Expires: 2/9/2027



Melissa Cremeans

Notary Public

Melissa Cremeans

*NOTICE: State name of Offeror followed by name of authorized individual (and title) that is signing as Affiant. If Offeror is an individual, state name of Offeror only.

Attachment 'F'

**AMERICANS WITH DISABILITIES ACT (ADA)
DISABILITY NONDISCRIMINATION STATEMENT**

**THIS FORM MUST BE SIGNED AND SWORN TO IN THE
PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL
AUTHORIZED TO ADMINISTER OATHS**

This sworn statement is submitted to FRANKLIN COUNTY, FLORIDA by: Jonathan Burgiel, Business Unit President

(print individual's name and title)
for: Tetra Tech, Inc.

(print name of entity submitting sworn statement)
whose business address is: 2301 Lucien Way Suite 120 Maitland, FL 32751

and (if applicable) its Federal Employer Identification Number (FEIN) is: 95-4148514
(If the entity has no FEIN, include Social Security Number of the individual signing this sworn statement:
_____ - _____ - _____.)

I, being duly first sworn state:

That the above named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provision pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The Americans with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat327,42USC1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501-553.513, Florida Statutes:

The Rehabilitation Act of 1973, 229 USC Section 794;

The Federal Transit Act, as amended 49 USC Section 1612;

The Fair Housing Act as amended 42USC Section 3601-3631.

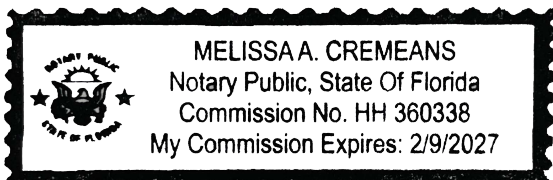
Jonathan Burgiel
Signature

STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]

Melissa Cremeans
Notary Public
Name typed, printed or stamped
My Commission Expires: 2/9/2027



NO LOBBYING AFFIDAVIT

STATE OF FLORIDA
COUNTY OF Orange

This 1 day of August 20 24,
Jonathan Burgiel

being first duly sworn, deposes and says that he/she is the authorized representative of _____

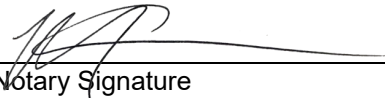
Tetra Tech, Inc. (Name of contractor, firm or individual), maker of the attached submittal made in response to a request for bid, proposals, qualifications and/or any other solicitation released by Franklin County, FL, and swears that the bidder and any of its agents agrees to abide by the County's no lobbying restrictions in regard to this solicitation.

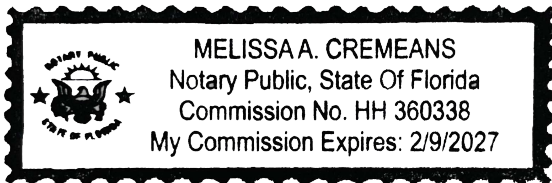

Affiant

Jonathan Burgiel, Business Unit President
Print / Type Name & Title

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

My commission expires: 2/9/2027


Notary Signature
Melissa Cremeans



VENDOR CERTIFICATION
REGARDING SCRUTINIZED
COMPANIES LISTS

Respondent Vendor Name: Tetra Tech, Inc.

Vendor FEIN: 95-4148514

Vendor's Authorized Representative Name and Title: Jonathan Burgiel, Business Unit President

Address: 2301 Lucien Way Suite 120

City: Maitland State: Florida Zip: 32751

Phone Number: 407-803-2551

Email Address: TDR.contracts@tetratech.com

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies for goods or services of \$1,000,000 or more, that are on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector Lists which are created pursuant to s. 215.473, F.S., or the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725, F.S., or companies that are engaged in a boycott of Israel.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I further certify that the company is not engaged in a boycott of Israel. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By: *Jonathan Burgiel*

who is authorized to sign on behalf of the above referenced company.

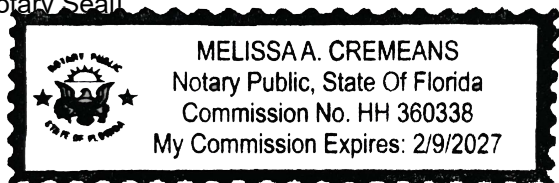
Authorized Signature Print Name and Title: Jonathan Burgiel, Business Unit President

Date: August 1, 2024

STATE OF Florida
COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]



Melissa Cremeans
Notary Public
Melissa Cremeans
Name typed, printed or stamped
My Commission Expires: 2/9/2027

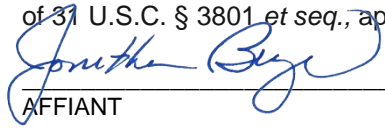
**CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS
(for agreements exceeding \$100,000)**

The undersigned certifies, to the best of his or her knowledge, that:

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

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

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



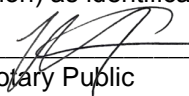
Jonathan Burgiel, Business Unit President
Typed Name of AFFIANT / AFFIANT Title

August 1, 2024
Date

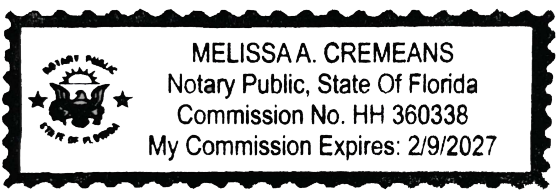
STATE OF Maitland
COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]



Notary Public
Melissa Cremeans
Name typed, printed or stamped
My Commission Expires: 2/9/2027



E-VERIFY COMPLIANCE FORM

Definitions:

“Contractor” means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.

“Subcontractor” means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

Effective January 1, 2021, public and private employers, contractors and subcontractors will begin required registration with, and use of the E-verify system in order to verify the work authorization status of all newly hired employees. Vendor/Consultant/Contractor acknowledges and agrees to utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of:

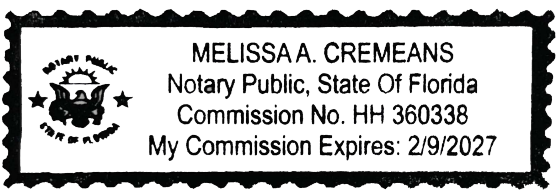
- a) All persons employed by Vendor/Consultant/Contractor to perform employment duties within Florida during the term of the contract; and
- b) All persons (including subvendors/subconsultants/subcontractors) assigned by Vendor/Consultant/Contractor to perform work pursuant to the contract with the Department. The Vendor/Consultant/Contractor acknowledges and agrees that use of the U.S. Department of Homeland Security’s E-Verify System during the term of the contract is a condition of the contract with the Franklin County, Florida; and
- c) Should vendor become successful Contractor awarded for the above-named project, by entering into this Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination.

| | |
|--|--|
| Company Name: <u>Tetra Tech, Inc.</u> | |
| Authorized Signature: <u><i>Jonathan Burgiel</i></u> | Print Name: <u>Jonathan Burgiel</u> |
| Title: <u>Business Unit President</u> | Date: <u>August 1, 2024</u> |
| Phone: <u>407-803-2551</u> | Email: <u>TDR.contracts@tetrattech.com</u> |

STATE OF Florida
 COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this August 1, 2024 (date) by Jonathan Burgiel (name of officer or agent, title of officer or agent) of Tetra Tech, Inc. (name of corporation acknowledging), a Delaware (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]



Melissa Cremeans
 Notary Public
Melissa Cremeans
 Name typed, printed or stamped
 My Commission Expires: 2/9/2027

Attachment 'F'

PROFESSIONAL REFERENCES

Please provide three (3) current and correct references from clients for similar services.

| | | |
|---|--|--|
| 1 | Company Name: | Okaloosa County, Florida |
| | Contact Person: | Jim Reece |
| | City, State: | Okaloosa County, Florida |
| | Telephone Number: | 850-609-6165 |
| | Email Address: | jreece@myokaloosa.com |
| | Description of goods or services provided: | Tetra Tech provided collection debris monitors for the debris hauling crews, as well as debris management site monitors for one vegetative site. |
| | Contract Amount: | \$583,009 |
| | Contract Dates: | September - November 2020 |

| | | |
|---|--|---|
| 2 | Company Name: | Leon County, Florida |
| | Contact Person: | Brent Pell, P.E. Director |
| | City, State: | Leon County, Florida |
| | Telephone Number: | (850) 606-1537 |
| | Email Address: | PellB@leoncountyfl.gov |
| | Description of goods or services provided: | The storm event result in more than 345,000 cubic yards of debris along the right of way, as well as the removal of more than 436 hazardous trees and 6,460 hanging limbs. Tetra Tech also assisted the County in the debris removal from the County's Parks, which resulted in over 8,000 CYs of debris, 322 hazardous trees, and 919 hanging limbs. |
| | Contract Amount: | May 2024 Severe Storms: Estimated \$7.5 million Hurricane Idalia: \$571,244 |
| | Contract Dates: | May 2024 Severe Storms: May- July 2024 Hurricane Idalia: September-November 2023 |

| | | |
|---|--|--|
| 3 | Company Name: | Polk County, Florida |
| | Contact Person: | Michael Tate |
| | City, State: | Polk County, Florida |
| | Telephone Number: | (863) 535-2200 |
| | Email Address: | MichaelTeate@polk-county.net |
| | Description of goods or services provided: | Our team also monitored the eligible removal of over 1,107,000 CYs, 30,000 dangerous hanging limbs and leaning trees during Hurricane Ian and 2,270,031 CYs during Hurricane Irma. |
| | Contract Amount: | Hurricane Ian: \$21,823,900 Hurricane Irma: \$30,983,251 |
| | Contract Dates: | Hurricane Ian: October 2022 – February 2023 Hurricane Irma: September - September 2018 |

MWBE PARTICIPATION STATEMENT

Note: The Contractor is required to complete the following information and submit this form with the proposal. Project

Description: Debris Monitoring Services


Contractor Name: Tetra Tech, Inc.

This Contractor (is _____) (is not) a certified small or Minority or Woman Owned Business Enterprise (MWBE) per 44 C.F.R. § 13.36 (e).

Expected percentage of contract fees to be subcontracted to MWBE(s): _____%

If the intention is to subcontract a portion of the contract fees to MWBE(s), the proposed MWBE sub-Contractors are as follows:

| DBE Sub-Contractor | Type of Work/Commodity |
|--------------------|------------------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |



(Authorized Signature)

August 1, 2024

(Date)

Jonathan Burgiel, Business Unit President

(Print Name)

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

| | | | |
|---|--|--|---|
| Print or type. See Specific Instructions on page 3. | 1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Tetra Tech, Inc. | | |
| | 2 Business name/disregarded entity name, if different from above | | |
| | 3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. | | 4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i> |
| | <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____ | | |
| | 5 Address (number, street, and apt. or suite no.) See instructions. 3475 East Foothill Boulevard | | Requester's name and address (optional) |
| | 6 City, state, and ZIP code Pasadena, CA 91107 | | |
| | 7 List account number(s) here (optional) | | |

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

| | | | | | | | | | |
|---------------------------------------|---|--|---|---|---|---|---|---|---|
| Social security number | | | | | | | | | |
| | | | | | | | | | |
| or | | | | | | | | | |
| Employer identification number | | | | | | | | | |
| 9 | 5 | | - | 4 | 1 | 4 | 8 | 5 | 1 |

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

| | | |
|------------------|---|--------------------------------|
| Sign Here | Signature of U.S. person ▶ <i>Lisa Ames</i> | Date ▶ February 7, 2024 |
|------------------|---|--------------------------------|

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Hourly Rate Schedule

Tetra Tech strives to provide our clients with quality services at reasonable, competitive hourly rates. We know that our clients will seek state and federal reimbursement for our debris monitoring services and as such we are cognizant that our hourly rates and fees for services provided must be fair and reasonable. Provided on the following page, Tetra Tech has included the completed Hourly Rate Schedule.

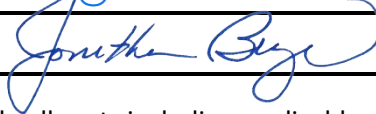
The hourly rates shall remain firm for the first year of the initial term. Hourly rates for subsequent years and any extension term years shall be subject to an annual adjustment based on the latest yearly percentage increase of the Consumer Price Index for All Urban Consumers (CPI-U)(All Items) as published by the Bureau of Labor Statistics, U.S. Department of Labor.

HOURLY RATE SCHEDULE

NAME OF BUSINESS: Tetra Tech, Inc.

CONTACT PERSON: Jonathan Burgiel

EMAIL ADDRESS: TDR.contracts@tetrattech.com

AUTHORIZED SIGNATURE: 

The hourly rates shall include all costs including applicable overhead and profit, lodging, meals, transportation, rentals, safety gear, telephone costs, cameras, GPS devices and other incidentals.

| | JOB DESCRIPTION | HOURLY RATES* | HOURS** | TOTAL |
|---------------------------|---------------------------|---------------|---------|---------------------|
| 1. | Project Manager | \$ 70.00 | 70 | \$ 4,900.00 |
| 2. | Data Manager | \$ 55.00 | 70 | \$ 3,850.00 |
| 3. | Cost Recovery Specialist | \$ 95.00 | 0 | \$ - |
| 4. | Field Supervisors | \$ 45.00 | 70 | \$ 3,150.00 |
| 5. | Fixed Site Monitors | \$ 34.00 | 70 | \$ 2,380.00 |
| 6. | Environmental Specialist | \$ 60.00 | 0 | \$ - |
| 7. | GIS Specialist | \$ 50.00 | 8 | \$ 400.00 |
| 8. | Supervising Monitors | \$ 50.00 | 0 | \$ - |
| 9. | Billing/Invoice Analysts | \$ 50.00 | 15 | \$ 750.00 |
| 10 | Administrative Assistants | \$ 32.00 | 35 | \$ 1,120.00 |
| 11. | Field Monitors | \$ 34.00 | 210 | \$ 7,140.00 |
| TOTAL (Items 1-11) | | | | \$ 23,690.00 |

*Contract hourly rates are inclusive of both straight time and overtime rates. Additional overtime costs above a 1.0 rate will not be paid for contract rates.

**These hours are not intended to represent the actual contract amount but are an estimated representation of a typical work week. The actual contract value will be negotiated with the successful proposing agency prior to issuance of the notice to proceed for each event.

This document must be completed and returned with your Submittal

All positions with provided hours will work full 10 hour days with the exception of the GIS Specialist, Billing/Invoice Analyst, and Administrative Assistant.
Field Supervisors will be staffed at 1 Field Supervisor per 10 monitors