FOR SUBSTANTIAL DAMAGE TECHNICAL ASSISTANCE SERVICES 2024 HURRICANE HELENE AND MILTON

THIS AGREEMENT is made this is made this <u>26th</u> day of <u>November</u> 2024, by and between **HERNANDO COUNTY, FLORIDA**, whose principal place of business is 789 Providence Blvd, Brooksville, FL 34601 (hereinafter referred to as ("Client") and **TETRA TECH, INC.** (hereinafter referred to as ("Contractor"), located at 2301 Lucien Way, Suite 120, Maitland, FL 32751.

WHEREAS, Contractor acting as an independent Contractor, is a Contractor with extensive experience in providing disaster response and recovery consulting services.

WHEREAS, Client wishes to enter into an Emergency Agreement with Contractor to provide disaster response and recovery consulting services.

NOW, THEREFORE in consideration of the promises herein and for other good and valuable consideration, the parties agree as follows:

- 1. Scope of Services: Contractor and Client agree Contractor will perform the services described in Exhibit A.
- 2. **Federal Requirements:** Contractor must comply with all applicable federal regulations from 2 C.F.R. § 200.326 and 2 C.F.R. Part 200, Appendix II which are attached hereto as **Exhibit C**.
- 3. **Term**: This Emergency Agreement shall be effective as of the date first above written (the "Effective Date") and shall continue in full force for <u>sixty (60) days</u>. This Contract may be extended beyond the initial term by written agreement signed by both parties.
- 4. **Independent Contractor**: Contractor is an independent contractor and is not an employee of Client. Services performed by Contractor under this Agreement are solely for the benefit of the Client. Nothing contained in this Agreement creates any duties on the part of Contractor toward any person not a party to this Agreement.
- 5. **Standard of Care**: Contractor will perform services under this Agreement with the degree of skill and diligence normally practiced by professional engineers or Contractors performing the same or similar services. No other warranty or guarantee, expressed or implied, is made with respect to the services furnished under this Agreement and all implied warranties are disclaimed.
- 6. Changes/Amendments: This Agreement and its exhibits constitute the entire agreement between the Parties and together with its exhibits supersede any prior written or oral agreements. This Agreement may not be amended, modified or changed except by written amendment executed by both Parties. The estimate of the level of effort, schedule and payment required to complete the Scope of Services, as Contractor understands it, is reflected herein. Services not expressly set forth in this Agreement or its exhibits are excluded. Contractor shall promptly notify Client if changes to the Scope of Services affect the schedule, level of effort or payment to Contractor and the schedule and payment shall be equitably adjusted.
- 7. **Uncontrollable Forces**: Neither the Client nor Contractor shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to Uncontrollable Forces, the effect of which, by the exercise of reasonable diligence, the non-performing party could not avoid. The term "Uncontrollable Forces" shall mean any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, explosion, strike, transportation, or equipment delays, act of war, Act of God, lightning, epidemic, war, riot, civil disturbance, sabotage, acts of terrorism and governmental actions outside the control of the Client. The schedule or payment under the Agreement shall be equitably adjusted, if necessary, to compensate Contractor for any additional costs due to the delay.

Neither party shall, however, be excused from performance if nonperformance is due to forces which are foreseeable, preventable, removable, or remediable, and which the nonperforming party could have, with the exercise of reasonable diligence, prevented, removed or remedied with reasonable dispatch. The nonperforming party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

- 8. **Fee for Services**: The fee for the services under this Agreement will be based on the actual hours of services furnished multiplied by Contractor's billing rates as set forth in **Exhibit B**.
- 9. Compensation: Payment terms are net thirty (30) days. Client will review invoices for acceptance within ten (10) calendar days of the date of the invoice to which Client shall immediately notify Contractor of any invoice disputes. Contractor and Client will work in good faith to resolve any such disputes within ten (10) days after notification. Should a dispute result in a partial rejection of any item(s) invoiced, Client shall proceed with partial payment within 30 days of the date of the invoice. Under no circumstances shall payment of Contractor's invoices be contingent on reimbursement of Client by any third-party authority or funding source. Any interest charges due from Client on past due invoices are in addition to amounts otherwise due under this Agreement.

All invoices shall be delivered to:

CRossiter-Smith@hernandocounty.us

Payment shall be made to and delivered to: Tetra Tech, Inc.

> PO Box 911642 Denver, CO 80291-1642

- 10. **Indemnity**: Contractor shall save harmless the Client from all claims and liability due to activities of himself, his agents, or employees, performed under this contract and which to the extent result from a negligent act, error or omission of the Contractor or of any person employed by the Contractor. Contractor shall also save harmless the Client from all expenses, including attorney fees which might be incurred by the Client in litigation or otherwise resisting said claims or liabilities which might be imposed on the Client as result of such activities by the Contractor, his agents, or employees.
- 11. **Insurance**: During the performance of the Services under this Agreement, Contractor shall maintain the following insurance policies:

Worker's Compensation Statutory

Employer's Liability U.S. \$1,000,000

Commercial General Liability U.S. \$1,000,000 per occurrence

U.S. \$2,000,000 aggregate

Comprehensive General Automobile U.S. \$1,000,000 combined single limit

Professional Liability U.S. \$1,000,000 per claim and in the aggregate

- 12. Work Product: Client shall have the unrestricted right to use the documents, analyses and other data prepared by Contractor under this Agreement ('Work Products'); provided, however Client shall not rely on or use the Work Products for any purpose other than the purposes under this Agreement and the Work Products shall not be changed without the prior written approval of Contractor. If Client releases the Work Products to a third party without Contractor's prior written consent, or changes or uses the Work Products other than as intended hereunder, (a) Client does so at its sole risk and discretion, and (b) Contractor shall not be liable for any claims or damages resulting from the change or use or connected with the release or any third party's use of the Work Products.
- 13. Limitation of Liability: No employee of Contractor shall have individual liability to Client. To the extent

permitted by law, the total liability of Contractor, its officers, directors, shareholders, employees and Subcontractors for any and all claims arising out of this Agreement, including attorneys' fees, and whether caused by negligence, errors, omissions, strict liability, breach of contract or contribution, or indemnity claims based on third party claims, shall not exceed one hundred thousand dollars (U.S. \$100,000).

- 14. **No Consequential Damages**: In no event and under no circumstances shall Contractor be liable to Client for any principal, interest, loss of anticipated revenues, earnings, profits, increased expense of operation or construction, loss by reason of shutdown or non-operation due to late completion or otherwise or for any other economic, consequential, indirect or special damages.
- 15. **Information Provided by Others**: Client shall provide to Contractor in a timely manner any information Contractor indicates is needed to perform the services hereunder. Contractor may reasonably rely on the accuracy of information provided by Client and its representatives.
- 16. **Safety and Security**: Contractor has established and maintains programs and procedures for the safety of its employees. Unless specially included as a service to be provided under this Agreement, Contractor specially disclaims any authority or responsibility for job site safety and safety of persons other than Contractor's or Subcontractor's employees.
- 17. **Termination**: Either party may terminate this Agreement upon thirty (30) days prior written notice to the other party. Client shall pay Contractor for all services rendered to the date of termination plus reasonable expenses for winding down the services. If either party defaults in its obligations hereunder, the non-defaulting party, after giving seven (7) days written notice of its intention to terminate or suspend performance under this Agreement, may, if cure of the default is not commenced and diligently continued, terminate this Agreement or suspend performance under this Agreement.
- 18. **Dispute Resolution**: Contractor and Client shall attempt to resolve conflicts or disputes under this Agreement in a fair and reasonable manner and agree that if resolution cannot be made to attempt to mediate the conflict by a professional mediator. If mediation does not settle any dispute or action which arises under this Agreement either party may pursue litigation after notifying the other party of their intentions.
- 19. **Successors and Assigns**: This Agreement is binding upon and will inure to the benefit of Client and Contractor and their respective successors and assigns. Neither party may assign its rights or obligations hereunder without the prior written consent of the other party.
- 20. **Notices**: Any notice required or permitted by this Agreement to be given shall be deemed to have been duly given if in writing and delivered personally or five (5) days after mailing by first-class, registered, or certified mail, return receipt requested, postage prepaid and addressed as follows:

CLIENT:

Carla Rossiter-Smith
Chief Procurement Officer
Hernando County, FL
789 Providence Blvd.
Brooksville, FL 34601
(352) 667-4272
CRossiter-Smith@hernandocounty.us

CONTRACTOR:

Betty Kamara
Contracts Manager
Tetra Tech, Inc.
2301 Lucien Way, Suite 120
Maitland, FL 32751
(407) 803-2551
TDR.Contracts@tetratech.com

21. **Severability:** The invalidity, illegality, or unenforceability of any provision of this Agreement, or the occurrence of any event rendering any portion or provision of this Agreement void, shall in no way affect the validity or enforceability of any other portion or provision of the Agreement. Any void provision shall

be deemed severed from the Agreement and the balance of the Agreement shall be construed and enforced as if the Agreement did not contain the particular portion or provision held to be void. The parties further agree to reform the Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this section shall not prevent the entire Agreement from being void should a provision which is of the essence of the Agreement be determined to be void.

- 22. **Governing Law and Venue:** This Agreement shall be governed by and interpreted according to the laws of the State of Florida. The venue for any and all legal action necessary to enforce the Agreement shall be Hernando County.
- 23. Access and Audits: Contractor shall maintain adequate financial and program records to justify all charges, expenses, and costs incurred in estimating and performing the work under this Agreement for at least three (3) years following final payment to the Client as Federal Emergency Management Agency subgrantee. The Client shall have access to all records, documents and information collected and/or maintained by others in the course of the administration of the Agreement. This information shall be made accessible at the Contractor's place of business to the Client, including the Comptroller's Office and/or its designees, for purposes of inspection, reproduction, and audit without restriction.
- 24. **Compliance with Laws**: In performance of the Services, Contractor will comply with applicable regulatory requirements including federal, state, special district, and local laws, rules, regulations, orders, codes, criteria and standards, and shall obtain all permits and licenses necessary to perform the Services under this Agreement at Contractor's own expense.
- 25. **Non-Discrimination:** The Contractor warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, gender, age or national origin.
- 26. Waiver: A waiver by either the Client or Contractor of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach. The making or acceptance of a payment by either party with knowledge of the existence of a default or breach shall not operate or be construed to operate as a waiver of any subsequent default or breach.
- 27. Entirety of Agreement: The Client and the Contractor agree that this Agreement sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. This Agreement supersedes all prior agreements, contracts, proposals, representations, negotiations, letters or other communications between the Client and Contractor pertaining to the Services, whether written or oral. None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded or otherwise altered except by written instrument executed by the parties hereto.
- 28. **Modification:** The Agreement may not be modified unless such modifications are evidenced in writing and signed by both the Client and Contractor. Such modifications shall be in the form of a written Amendment executed by both parties.
- 29. **Contingent Fees:** The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee.
- 30. Truth-in-Negotiation Certificate: Execution of this Agreement by the Contractor shall act as the execution of a truth-in-negotiation certificate certifying that the wage rates and costs used to determine the compensation provided for in this Agreement are accurate, complete, and current as of the date of the Agreement.

- 31. **Confidentiality:** No reports, information, computer programs, documentation, and/or data given to, or prepared or assembled by the Contractor under this Agreement shall be made available to any individual or organization by the Contractor without prior written approval of the Client.
- 32. **Miscellaneous:** Client expressly agrees that all provisions of the Agreement, including the clause limiting the liability of Contractor, were mutually negotiated and that but for the inclusion of the limitation of liability clause in the Agreement, Contractor's compensation for services would otherwise be greater and/or Contractor would not have entered into the Agreement.
 - In any action to enforce or interpret this Agreement, the prevailing party shall be entitled to recover, as part of its judgment, reasonable attorneys' fees and costs from the other party.
- 33. **Counterparts**: This Agreement may be executed in multiple counterparts, each of which shall be deemed to be an original instrument, but all of which taken together shall constitute one instrument.

IN WITNESS WHEREOF, the Contractor has caused this Agreement to be signed in its corporate name by its authorized representative, and the Client has caused this Agreement to be signed in its legal corporate name by persons authorized to execute this Agreement as of the day and year first written above.

CONTRACTOR: TETRA TECH, INC. By: Jonathan Burgiel Title: Business Unit President	CLIENT: HERNANDO COUNTY, FLORIDA By: Title:		
ATTEST: Betty Kamara, Contracts Manager	ATTEST: Fran Hallet		
ATTACHMENTS: EXHIBIT A: Scope of Services EXHIBIT B: Fee for Services EXHIBIT C: Federal Provisions	Approved As To Form And Legal Sufficiency By Victoria Anderson County Attorney's Office		

EXHIBIT A SCOPE OF SERVICES

Project Understanding

Tetra Tech understands that Hernando County (County) suffered damages from Hurricane Helene and Milton that impacted the community on Thursday, September 26, 2024, and October 9, 2024. To maintain compliance with the National Floodplain Insurance Program (NFIP), the County must assess the impacts the damages to structures within its established Special Flood Hazard Area (SFHA) before repairs can be made.

The NFIP regulations contained in 44 CFR §59.22 and §60.3 outline the responsibilities that communities must accept to attain and retain eligibility to participate in the NFIP. Enforcement and management of substantial improvement (SI) and substantial damage (SD) regulatory standards are a part of a jurisdiction's NFIP participation requirements. The regulations in the local floodplain management ordinance are based on requirements found in 44 Code of Federal Regulations (44 CFR). Standards set for floodplain management are set at the State level.

As outlined in the image below, FEMA outlines a multi-step process for the substantial damage assessment process. Tetra Tech will assist the County with:

- Collecting damage information
- Performing substantial damage determinations
- Communicating determinations to property owners
- Support permitting administration and code compliance
- Support field inspections to assist in monitoring for contractor licensing, code enforcement, and building permit compliance
- Documentation and Recordkeeping
- Training and Coordination with County Staff as identified

Figure 1: FEMA Substantial Damage Timeline¹



Tetra Tech's team of floodplain managers, NFIP analysts, and field assessors stand ready to assist the County with administering its substantial damage process. The section below outlines how Tetra Tech will support the County with this important effort.

Project Approach

The purpose of this contract is to engage a team of qualified contractors to assist Hernando County in effectively administering and enforcing building codes and floodplain management regulations under the Disaster Recovery Reform Act (DRRA) Section 1206. Contractors will conduct Substantial Improvement/Substantial Damage (SI/SD) assessments, process permitting applications, ensure code compliance, and perform related duties following a major disaster declaration. The goal is to have a team ready to begin work quickly with minimal training to ensure continuity and compliance with county procedures and FEMA requirements.

Tetra Tech will provide technical support for field assessments and data collection to support the criteria thresholds for SD determinations as set forth by the National Flood Insurance Program. FEMA's Substantial Damage Estimator User Manual and Field Workbook, P-784/August 2017, Substantial Improvement/Substantial Damage Desk Reference, P-758/May 2010; partnered with existing local, State guidance and regulatory standards the following tasks will align with FEMA's best practices for substantial damage assessments.

FEMA's Substantial Damage Estimate (SDE) 3.0 Tool will be utilized to perform a uniform assessment for residential and non-residential structure reviews. Data captured with SDE reporting may be utilized by the County to make the final SD determinations for post-disaster assessments for Hurricanes Helene and Milton. Tetra Tech Team leads will utilize FEMA guidance material, handouts, County maps, GPS devices for photo logs, and guidelines for uniform engagement with private property owners, photos standards, etc.

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¹ fema substantial-damage-timeline.png (1920×172)

Task 1 - Project Management

Project Kickoff Meeting. Within 24 hours of the issuance of a Notice to Proceed (NTP), Tetra Tech will coordinate a one-hour kickoff meeting with the County's Floodplain Administrator. During this meeting, Tetra Tech's project manager will discuss:

- the project schedule,
- coordination of field operations,
- data requirements associated with conducting the assessments,
- the approach that will be taken to communicate with private property owners regarding the completion of SD assessments, and
- health and safety considerations.

Following the meeting, Tetra Tech's project manager will develop a project schedule for review and approval by the County's Floodplain Administrator.

Project Management: Tetra Tech's project manager will provide weekly updates to the County's Floodplain Administrator, or their designee, on the status of data collection, the number of substantially damaged structures identified, and the expected project activities for the next week. These virtual meetings will last approximately 30 minutes, and Tetra Tech's project manager will provide an email summary of the information covered and actions items within 24 hours of the meeting taking place along with a weekly summary of the level of effort under each task.

Invoicing: Tetra Tech's project manager and financial management team will develop monthly invoicing for the County. The invoices will provide the level of detail necessary to meet FEMA's requirements for DRRA 1206. Invoices will be submitted electronically to the County point of contact for review and approval.

Task 2- Data Collection and Assessment

Data Collection and Preparation for Conducting Assessments: Tetra Tech will begin the project by reviewing existing regulatory standards that govern substantial damage assessments including flood plans, local flood damage prevention ordinance, building codes, existing building codes, and land/use regulations. The team will also review existing public access authority the County has in place to complete SD assessments from the right of way, easements, and streets; and existing right of entry legal authority the County may have for interior SD assessments, if applicable. The team will also review the existing appeals process the County has in place for properties that are considered substantially damaged. The team This will serve as the foundation for conducting assessments.

Tetra Tech will field deploy SD field assessment teams within 72 hours of the kickoff meeting. Prior to personnel beginning fieldwork, Tetra Tech's project manager will hold a one-hour meeting with the team and the County to confirm the data baseline identified in FEMA's SD guidance, determine the methodology that will be used for inspections, and data collections requirements to meet or exceed FEMA's standards. This is anticipated to follow FEMA's SDE Field Workbook, Section 7 guidance.

Post-disaster Substantial Damage **Inventory Preparations** 3 Select a Identify Perform an Define the Final SDE General Initial Scope of the Planning Limits of the Manager Screening of Inventory Inventory Structures Area within the **Inventory Area**

Figure 2: FEMA's Five Steps for Post Disaster SDE Inventory Preparations²

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² SDE 3.0 User Manual and Field Workbook (fema.gov)

Additionally, before beginning fieldwork, the Tetra Tech team will coordinate a meeting with the Floodplain Administrator to review the common structure attributes such as residence type, use, foundation, superstructure, roof covering, common exterior finishes, depreciation ratio, and unique features to the areas identified. Guidance for estimating percent damage for residential and non-residential structures will be discussed and agreed upon before field assessments begin.

Conducting Assessments: Two person teams will be deployed to begin the data collection process. Teams will be provided with guidance materials on the data to be collected and guidance for how to conduct interactions with property owners and/or occupants. They will also be provided instructions on how to collect photos and geocode them for inclusion in a GIS map that will be provide to the County.

Each day before the teams field deploy, and when they return, they will participate in a debrief that reviews inspection practices, how to maximize data quality and efficiencies, and to identify inconsistencies or other problems experienced in the field. The field inspection team will deploy with identification, field equipment and supplies, inspection area maps, hard copy letters of introduction, and SDE inspection worksheets. Tetra Tech recommends the County communicate the third-party inspection teams' locations and schedule with first responders such as the Police Department prior to teams entering the field each day.

- Tetra Tech teams will be responsible for collecting and recording field data required for FEMA SDE tool entry and assessment. Teams will collect the data using a computer or tablet and enter it directly into the SDE Tool. Teams will be provided paper forms that they can use should they lose connectivity and need to capture information to later be input into the tool.
- Once data is entered by the field collection teams, Tetra Tech will apply the SDE data entry standards identified in FEMA's SDE Field Workbook and in coordination with data exports received from the Hernando County Tax Assessor for structure, parcel, and value factors.
- Data collected will be presented in a GIS map for the County to review.
- The County will be the responsible party for the final SD determinations using the data collected. NFIP regulations are found in Title 44 of the Code of Federal Regulations (CFR 59.1) and floodplain management criteria (CFR 60.3). Minimum requirements for substantial improvements and substantial damage are defined under the NFIP and the State of Florida has identified opportunities to enhance the minimum thresholds for SI/SD. Both minimum and enhanced requirements are required to be enforceable by adopting the regulation standards under a Flood Damage Prevention ordinance. Local jurisdiction's authority to enforce the minimum NFIP and/or adopted higher standards are held with the appointed Floodplain Administrator by ordinance.

Tetra Tech assumes that teams will average 20 residential inspections per team per day. The average SD field inspection should take no more than 20 minutes per structure to capture property data. Teams will average 5 commercial inspections per day based on the proximity of structures, structure use, access, and whether the owner or designated representative will accompany the team during the inspection.

Special Flood Hazard Area and SDE Inspection Approach: 2022 FEMA Community Rating System data records 2,279 insurable structures within the County's regulatory floodplain.

Assessment Locations, Hurricane Helene: The following areas were identified by the County from PDA windshield inspections, conducted for Hurricane Helene, to have identified damage assessments under major and destroyed. These assessments have established a baseline for SD field inspections.

• Estimated 675 combined residential and non-residential structures were captured under the initial windshield and windshield plus inspections completed by the County.

Assessment Locations, Hurricane Milton: The following areas were identified by the County from PDA windshield inspections, conducted for Hurricane Helene, to have identified damage assessments under major and destroyed. These assessments have established a baseline for SD field inspections.

• Estimated 1238 combined residential and non-residential structures were captured under the initial windshield and windshield plus inspections completed by the County.

FOR SUBSTANTIAL DAMAGE TECHNICAL ASSISTANCE SERVICES 2024 HURRICANE HELENE AND MILTON

This scope of work is based on the understanding of the PDA building structure inventory. It assumes a total of 1913 structures for substantial damage field assessment, of which approximately 20% are commercial structures.

Review of Collected Data: Data collected in the field assessments and imported into FEMA SDE software will be presented to the County for review and assessment. It is in this phase that the County will make its SD determinations and start property owner notification. Tetra Tech will present the County with FEMA samples of notices to property owners, affidavits, and other material to support SD communication including:

- Sample Substantial Improvement/Damage Notice to Property Owners
- Substantial Improvement Worksheet for Floodplain Construction for additions, rehabilitations, improvements or damage repairs
- Adjuster Preliminary Damage Assessment

To prioritize communication with citizens, a triage approach will be outlined that includes:

- Structures identified to be "highly likely" substantially damaged based on field assessment and SDE data input should receive a SD determination letter within 24 hours of the County's review and determination. Tetra Tech will work directly with the County to identify the percentage threshold for this category.
- This notice should include an opportunity for the property owner to schedule an SD inspection for interior
 assessment, acceptable documentation to challenge the determination, and clear information outlining
 the appeals process. This notice should also include NFIP Increase Cost for Compliance information and
 mitigation funding opportunities such as grants and available loans for recovery.
- Assessed structures where the threshold is under the "highly likely" SD threshold, should receive a determination letter addressing permitting standards, SI and SD information, and property mitigation measures a property owner can complete.
- The County may assess additional target audiences for SI/SD information based on historical events such as pre-FIRM structures, repetitive loss areas, etc.

Tetra Tech will help the County with developing the language for the communications. If desired by the County, Tetra Tech will print and disseminate this information to property owners.

Task 3 – Support for Appeals Process

Tetra Tech understands that property owners may desire to appeal the SD ruling issued by the County. Tetra Tech is prepared to provide ongoing support to the County during the appeals period through providing teams that can return to the property and obtain additional data and images to support the County's reassessment of the determination. Tetra Tech will work with the County to set up a time for the team to return to the property and obtain the data and images and send two team members to the location. While there, they will enter the property and obtain additional images of the extent of the damages. This information will be uploaded to the geoportal within 1 business day of collection.

Tetra Tech assumes that teams will average 4.5 residential appeals inspections per team per day. Teams will average 2.5 commercial inspections day based on the proximity of structures, structure use, access, and whether the owner or designated representative will accompany the team during the inspection.

Task 4 - Support Permitting Administration and Code Compliance

Tetra Tech will support the County's existing substantial damage process as identified for building permit application review and processing. Under the supervision of the Tetra Tech Project Manager, Tetra Tech will deploy three (3) data specialists to work Monday through Friday during business hours (40 hours a week) at the County's Emergency Operations Center (EOC). They will report directly to the County Floodplain Administrator, who will provide training and guidance to the data specialists in support of the following tasks related to substantial damage data review. Tetra Tech understands that the data specialists will be provided computer access at the EOC to complete the work under this task.

Application Review and Processing: Tetra Tech data specialists will support the review and process permit applications for structures within SFHAs, addressing compliance with Hernando County's floodplain management

ordinances and applicable building codes. The data specialists will compare the County's existing property storm damage reports to the building permit applications received. They will identify areas of difference between the scope of work and recorded damage assessments. This comparison will follow the County's guidance and will be reported to the Floodplain Administrator for the next phase of the plan review process. Key activities will include:

- Maintain a status database to o record the permit application scope of work review/comparison findings, permit status, and record potential substantial improvement and/or substantial damage captured under this task.
- Verify the completeness of each permit application, including supporting documents like affidavits, elevation certificates, and cost breakdowns.
- Collaborate with Hernando County's planning and zoning officials to apply county ordinances accurately and thoroughly.

Tetra Tech data specialists will follow the guidance provided by the County to assess permit applications to meet the criteria of a complete permit application. Findings will be reported to the Floodplain Administrator for the next phase of the plan review process. They will follow existing regulations to support substantial improvement and/or substantial damage determinations under this task, based on the data received from the permit applicant.

Code and Ordinance Compliance: Tetra Tech data specialists will follow guidance received from the County Floodplain Administrator related to completing initial data comparison, documentation required for a complete permit application, and recording potential substantial improvement and/or substantial damage identifiers for the County's Floodplain Administrator's review. This will help to confirm that repair, renovation, and reconstruction work comply with local building codes, floodplain regulations, and NFIP standards.

Tetra Tech subject matter experts will be available virtually to support the data specialists and the County's Floodplain Administrator with permit inquiries and compliance under adopted building codes and the County's flood damage prevention ordinance.

Task 5 - Inspection and Monitoring

Tetra Tech will provide the County with four staff to drive the County and report back on visible construction activity identified through windshield inspections. When construction is observed, Tetra Tech will report a summary of activity, address, date, and time to the Floodplain Administrator or appointed Department. Daily report summaries will be provided. The Code Enforcement team will rotate their areas to maintain a spontaneous driving route.

Where the County has posted stop work orders, the Tetra Tech Code Enforcement team will report activities in these areas to the Building Division and County Floodplain Administrator for further action.

- Daily report logs will be captured in an Excel worksheet
- The hard copy field report logs will be provided to the Floodplain Administrator or appointed Department on Wednesday and Friday by end of business hours

Task 6 – Technical Advisory Support

Tetra Tech will provide an on-call technical advisor who can support the County with reviewing the data collected during the initial SD evaluations and appeals process. The advisor will be knowledgeable of the SI/SD process, NFIP and Community Rating System (CRS) requirements.

Task 7 - Next Steps and Project Closeout

Next Steps Report: To assist the County with its long-term recovery efforts, Tetra Tech will develop a summary report that provides an overview of the completed inspections and outcomes; anticipated next steps for permitting and plans reviews; recommendations for conducting ongoing inspections throughout the redevelopment process; and addressing SI/SD appeals; and suggestions for updates to flood damage prevention ordinances. The report will also provide recommendations on how to conduct routine visual inspections to support Code Enforcement elements such as work without a permit or contractor licenses enforcement and more. The report will undergo a technical and editorial review before being provided to the County. Tetra Tech's project

manager will submit the report to the County's Floodplain Administrator for a one-week review period prior to the conduct of a one hour review meeting.

Project Closeout: At the completion of the project Tetra Tech will provide the County with electronic copies of project records including GIS files, images, etc.

EXHIBIT B FEE FOR SERVICES

ESTIMATED COST

Estimated Not-to-Exceed: \$2,021,774.40

The estimated not-to-exceed amount is based on Tetra Tech's current understanding of the project requirements and best estimates of level of effort required to perform the basic services and may be subject to change upon agreement between the County and Tetra Tech. The fee for the services will be based on the actual hours of services furnished multiplied by Tetra Tech's hourly rates. Table 1 below outlines the anticipated staff positions and level of effort for these services.

Table 1: Estimated Cost Breakdown [1][2][3]

		reakdown [1][2][3]	1	
Position (Contract Title)	Hourly Rate	Estimated Hours	Estimated Staff	Estimated Total
Task 1: Program Management				
Project Manager (Program Manager)	\$189.60	80	1	\$15,168.00
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
Finance (Project Control Specialist)	\$99.60	40	1	\$3,984.00
Subtotal:				\$27,072.00
Task 2: SDE Initial – Data Collection & Asses	sment			
Project Manager (Program Manager)	\$189.60	208	1	\$39,436.80
GIS Manager (System Administrator)	\$126.00	24	1	\$3,024.00
Data Collection (Assistant Planner)	\$114.00	2,448	12	\$279,072.00
Field Supervisor (Consultant/Planner)	\$150.00	408	2	\$61,200.00
Data Entry Analyst (Assistant Planner)	\$114.00	720	3	\$82,080.00
Data Entry Supervisor/QCC (Planner II)	\$132.00	240	1	\$31,680.00
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
Subtotal:				\$504,412.80
Task 3: Support for Appeals Process				
Project Manager (Program Manager)	\$189.60	256	1	\$48,537.60
GIS Manager (System Administrator)	\$126.00	16	1	\$2,016.00
Data Collection (Assistant Planner)	\$114.00	4,728	24	\$538,992.00
Field Supervisor (Consultant/Planner)	\$150.00	394	2	\$59,100.00
Data Entry Analyst (Assistant Planner)	\$114.00	840	3	\$95,760.00
Data Entry Supervisor/QCC (Planner II)	\$132.00	280	1	\$36,960.00
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
Subtotal:				\$789,285.60
Task 4 - Support Permitting Administration	and Code Complia	ince		
Project Manager (Program Manager)	\$189.60	40	1	\$7,584.00
Data Collection (Assistant Planner)	\$114.00	2,160	3	\$246,240.00
SME (Principal Consultant)	\$210.00	90	1	\$18,900.00
Subtotal:		'		\$272,724.00
Task 5 - Inspection and Monitoring				
Project Manager (<i>Program Manager</i>)	\$189.60	40	1	\$7,584.00
Data Collection (Assistant Planner)	\$114.00	2,880	4	\$328,320.00
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
Subtotal:				\$343,824.00
Task 6 – Technical Advisory Support				
Project Manager (<i>Program Manager</i>)	\$189.60	40	1	\$7,584.00

Position (Contract Title)	Hourly Rate	Estimated Hours	Estimated Staff	Estimated Total
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
SME (Principal Consultant)	\$210.00	180	1	\$37,800.00
Subtotal:				\$53,304.00
Task 7: Project Closeout and Next Steps				
Project Manager (Program Manager)	\$189.60	80	1	\$15,168.00
GIS Manager (System Administrator)	\$126.00	24	1	\$3,024.00
Program Manager (Sr. Program Manager)	\$198.00	40	1	\$7,920.00
SME (Principal Consultant)	\$210.00	24	1	\$5,040.00
Subtotal:			\$31,152.00	
Total:			\$2,021,774.40	

[1] The above estimated level of effort and associated costs are based on available information at the time the estimates were prepared and do not represent the actual cost of the project. The fee for services will be based on the actual hours of services furnished multiplied by Tetra Tech's hourly rates.

[2] The hourly rates are fully burdened to include wages, applicable overhead, and other direct costs (vehicle rental, gas, printing, shipping, etc.).

[3] Tetra Tech may take the following actions, in its discretion, so long as Tetra Tech does not exceed the estimated total: (i) Use fewer hours of one labor category and more hours of another labor category or categories and (ii) use fewer hours within one task and more hours within another task as necessary.

Assumptions

This proposal is based on our current understanding of the project. Revisions will be subject to a mutual agreement on the final work scope/schedule and other technical/management requirements desired by the County.

- Project Lead: The County's Floodplain Administrator or their designee, will serve as the project lead who will
 work with Tetra Tech to address administrative and financial aspects of the project in coordination with Tetra
 Tech's project manager.
- **Invoicing:** The County will be invoiced monthly based on hours and expenses incurred. Payment terms are net 30 days.
- Data and Mapping: The County will be responsible for providing Tetra Tech with available GIS data, property
 tax assessments, and other relevant records needed to conduct the SD assessment within 3 business days of
 request.
 - Tetra Tech will rely on County determinations for the market value of the structure, adjusted assessed values, and depreciation factors of the physical condition of the structure pre-event.
 - Tetra Tech will provide and manage a geospatial database showing the progress of structures visited each day.
 - Tetra Tech will complete SD field data entry within 24-hours of the day of the data collected. Record keeping will be set up that follows best practices; the SD inventory will include 1 folder per street address.
 - Tetra Tech will provide and manage a geospatial database showing the progress of structures visited each day.
 - Tetra Tech will complete SD field data entry within 24-hours of the day of the data collection. The SD inventory will include 1 folder per street address.
 - Tetra Tech will establish a Share Point site for sharing documents and information with the County. The County's Assistant Community Development Director, the Floodplain Administrator or their designee will be responsible for providing Tetra Tech's project manager with the names and email addresses of staff members that need to be provided access to the site.

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- Tetra Tech will provide the County with the GIS datasets (shapefile or geodatabase format) generated for this project. If Tetra Tech needs to develop GIS and other spatial datasets, these datasets will be created at accuracy levels suitable for analysis and presentation required to meet FEMA's requirements.
- Data Security: Tetra Tech is not responsible for the security, privacy, compliance, and updates of software and
 data maintained by third-party providers (i.e., Esri, Microsoft, etc.). Esri is responsible for all data security,
 privacy, and compliance for their software.
- Accuracy: Work will be conducted in accordance with FEMA's SDE 3.0 User Manual and Field Workbook, the SD Quick Guide, and SD Desk Reference.
- **Level of Effort:** The number, size, and scope of activities will be based on the extent of damage, number of structures to be inventoried, and the geographic areas to be inventoried.

• Field Inspections:

- Tetra Tech field inspections teams will consist of two personnel per team.
- The County will provide space where Tetra Tech teams can conduct daily briefings and debriefings at no additional cost to Tetra Tech.
- Outreach and Notifications: The County will be responsible for all community notification, outreach, and discussions with impacted property owners.

Safety:

- Safety is a top concern for Tetra Tech. Staff will operate at all times under the conditions outlined in the Health and Safety Plan (HASP) established for the project.
- Tetra Tech will not be responsible for entering areas where conditions are unsafe (i.e., roads are impassable due to damage or debris). Such conditions will be reported to the County's Floodplain Administrator and alternative plans will be made for conducting inspections.
- Tetra Tech's team will not interact directly with property owners. Should the team become engaged with
 a hostile situation, they will call law enforcement and notify Tetra Tech's project manager immediately.
 Tetra Tech's project manager will notify the County's Floodplain Administrator.

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EXHIBIT C FEDERAL PROVISIONS

FEMA CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY UNDER FEDERAL AW ARDS REQUIRED BY 2 C.F.R. §200.326 APPENDIX II TO 2 CFR §200

REMEDIES

(For all awarded contracts with a value greater than \$150,000.00)

Any violation or breach of terms of this contract on the part of the Contractor or the Contractor's subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this contract. The duties and obligations imposed by the contract documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. Any violation or breach of terms of this contract of the Contractor or the Contractor's sub-contractors will be subject to the remedies, including liquidated damages, described in the bid specifications or Request for Proposal and the Client rules and regulations and special conditions which are incorporated herein by reference in their entirety.

TERMINATION FOR CAUSE AND CONVENIENCE

(For all awarded contracts with a value greater than \$10,000.00)

The Client reserves the right to terminate this contract for cause or convenience pursuant to the rules and regulations and special conditions which are incorporated herein by reference in their entirety.

EQUAL EMPLOYMENT OPPORTUNITY

(For all awarded contracts that meet the definition of "federally assisted construction contract" provided in 41 CFR Part 60-1.3) <u>Contractor must complete enclosed certification</u>

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

- The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
 - Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- 2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

- 5. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 6. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 7. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- 8. The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

DAVIS-BACON ACT AND COPELAND "ANTI-KICKBACK" ACT

(The Davis-Bacon Act only applies to the Emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program, and Transit Security Grant Program. It DOES NOT apply to other FEMA grant and cooperative agreement programs, including the Public Assistance Program.)

1. Minimum wages.

i. All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 193 7 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage dete1mination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1 (b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(l)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in §5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(l)(ii) of this section) and the Davis Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

- ii. (A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination, and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
 - 1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - 2) The classification is utilized in the area by the construction industry; and
 - 3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C)In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(I)(ii) (B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

- i. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- ii. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding.

The Federal Agency and/or Client shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work (or under the United States Housing Act of 193 7 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records.

- Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section I (b) (2) (B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(I)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section I(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.
- ii. (A) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the federal agency if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant, sponsor, or owner, as the case may be, for transmission to the federal agency. The payrolls submitted shall set out

accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd(forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the federal agency if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit them to the applicant. sponsor, or owner, as the case may be, for transmission to the federal agency, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the sponsoring government agency (or the applicant, sponsor, or owner).

- (B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
 - 1) That the payroll for the payroll period contains the information required to be provided under §5.5 (a) (3) (ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a) (3) (i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
 - 2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
 - 3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- (C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.
- (D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.
 - i. The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the federal agency or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees-

i. Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide

apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractors registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- ii. Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
- iii. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

5. Compliance with Copeland Act requirements.

The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts.

The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a) (I) through (10) and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment.

A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements.

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Breach.

A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

10. Disputes concerning labor standards.

Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

- 11. Certification of eligibility.
 - 1) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis Bacon Act or 29 CFR 5.12(a)(l).
 - 2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(l).
 - 3) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

(For all awarded contracts related to "mechanics and laborers" with a value greater than \$100,000.00)

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

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- set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- 3) Withholding for unpaid wages and liquidated damages. The (write in the name of the Federal agency or the loan or grant recipient) shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- 4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT

(This requirement **does not apply** to the Public Assistance, Hazard Mitigation Grant Program, Fire Management Assistance Grant Program, Crisis Counseling Assistance and Training Grant Program, Disaster Case Management Grant Program, and Federal Assistance to Individuals and Households - Other Needs Assistance Grant Program, as FEMA awards under these programs do not meet the definition of "funding agreement." If FEMA federal award meets definition of "funding agreement" under 37 CFR §401.2(a), for all awarded contracts related to experimental, developmental, or research work type contracts)

(a) Definitions

- (1) *Invention* means any invention or discovery which is or may be patentable or otherwise protectable under Title 35 of the United States Code, or any novel variety of *et seq.*).
- (2) Subject invention means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 240I (d)) must also occur during the period of contract performance.
- (3) Practical Application means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or government regulations, available to the public on reasonable terms.
- (4) *Made* when used in relation to any invention means the conception or first actual reduction to practice of such invention.
- (5) Small Business Firm means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3- 12, respectively, will be used.
 - (6) Nonprofit Organization means a university or other institution of higher education or an organization of the type described in section 501 (c) (3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c) and exempt from taxation under section 501(a) of the Internal Revenue Code (25
 - U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.
- (b) Allocation of Principal Rights

The Contractor may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Contractor retains title, the Federal government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

- (c) Invention Disclosure, Election of Title and Filing of Patent Application by Contractor
 - (1) The contractor will disclose each subject invention to the Federal Agency within two months after the inventor discloses it in writing to contractor personnel responsible for patent matters. The disclosure to the agency shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the agency, the Contractor will promptly notify the agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the contractor.
 - (2) The *Contractor* will elect in writing whether or not to retain title to any such invention by notifying the *Federal agency* within two years of disclosure to the *Federal agency*. However, in any case where publication, on sale or public use has initiated the one-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by the *agency* to a date that is no more than 60 days prior to the end of the statutory period.
 - (3) The *contractor* will file its initial patent application on a subject invention to which it elects to retain title within one year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The *contractor* will file patent applications in additional countries or international patent offices within either ten months of the corresponding initial patent application or six months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.
 - (4) Requests for extension of the time for disclosure, election, and filing under subparagraphs (1), (2), and (3) may, at the discretion of the *agency*, be granted.
- (d) Conditions When the Government May Obtain Title

The contractor will convey to the Federal agency, upon written request, title to any subject invention-

- (1) If the contractor fails to disclose or elect title to the subject invention within the times specified in (c), above, or elects not to retain title; provided that the agency may only request title within 60 days after learning of the failure of the contractor to disclose or elect within the specified times.
- (2) In those countries in which the *contractor* fails to file patent applications within the times specified in (c) above; provided, however, that if the *contractor* has filed a patent application in a country after the times specified in (c) above, but prior to its receipt of the written request of the *Federal agency*, the *contractor* shall continue to retain title in that country.
- (3) In any country in which the *contractor* decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in reexamination or opposition proceeding on, a patent on a subject invention.
- (e) Minimum Rights to Contractor and Protection of the Contractor Right to File
 - (1) The contractor will retain a nonexclusive royalty-free license throughout the world in each subject invention to which the Government obtains title, except if the contractor fails to disclose the invention within the times specified in (c), above. The contractor's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the contractor is a party

- and includes the right to grant sublicenses of the same scope to the extent the *contractor* was legally obligated to do so at the time the *contract* was awarded. The license is transferable only with the approval of the *Federal* to which the invention pertains.
- (2) The contractor's domestic license may be revoked or modified by the funding Federal agency to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR part 404 and agency licensing regulations (if any). This license will not be revoked in that field of use or the geographical areas in which the contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the funding Federal agency to the extent the contractor, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.
- (3) Before revocation or modification of the license, the funding Federal agency will furnish the contractor a written notice of its intention to revoke or modify the license, and the contractor will be allowed thirty days (or such other time as may be authorized by the funding Federal agency for good cause shown by the contractor) after the notice to show cause why the license should not be revoked or modified. The contractor has the right to appeal, in accordance with applicable regulations in 37 CFR part 404 and agency regulations (if any) concerning the licensing of Government-owned inventions, any decision concerning the revocation or modification of the license.

(f) Contractor Action to Protect the Government's Interest

- (1) The *contractor* agrees to execute or to have executed and promptly deliver to the *Federal agency* all instruments necessary to
 - (i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the *contractor* elects to retain title, and
 - (ii) convey title to the *Federal agency* when requested under paragraph (d) above and to enable the government to obtain patent protection throughout the world in that subject invention.
- (2) The *contractor* agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the *contractor* each subject invention made under *contract* in order that the *contractor* can comply with the disclosure provisions of paragraph (c), above, and to execute all papers necessary to file patent applications on subject inventions and to establish the government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by (c) (l), above. The *contractor* shall instruct such employees through employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.
- (3) The *contractor* will notify the *Federal agency* of any decisions not to continue the prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than thirty days before the expiration of the response period required by the relevant patent office.
- (4) The *contractor* agrees to include, within the specification of any United States patent applications and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with government support under (identify the *contract*) awarded by (identify the Federal agency). The government has certain rights in the invention."

(g) Subcontracts

(1) The contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental or research work. The subcontractor will retain all rights provided for the contractor in this clause, and the contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) In the case of subcontracts, at any tier, when the prime award with the Federal agency was a contract (but not a grant or cooperative agreement), the *agency*, subcontractor, and the contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and the Federal agency with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (i) of this clause.

(h) Reporting on Utilization of Subject Inventions

The *Contractor* agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the *contractor* or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the contractor, and such other data and information as the *agency* may reasonably specify. The *contractor* also agrees to provide additional reports as may be requested by the *agency* in connection with any march-in proceeding undertaken by the *agency* in accordance with paragraph (i) of this clause. As required by 35 U.S.C. 202(c) (5), the *agency* agrees it will not disclose such information to persons outside the government without permission of the *contractor*.

(i) Preference for United States Industry

Notwithstanding any other provision of this clause, the *contractor* agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject inventions in the United States unless such person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by the *Federal agency* upon a showing by the *contractor* or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in Rights

The contractor agrees that with respect to any subject invention in which it has acquired title, the Federal agency has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the contractor, assignee, or exclusive licensee refuses such a request the Federal agency has the right to grant such a license itself if the Federal agency determines that:

- (1) Such action is necessary because the *contractor* or assignee has not taken or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use.
- (2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the *contractor*, assignee or their licensees;
- (3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the *contractor*, assignee or licensees; or
- (4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.
- (k) Special Provisions for Contracts with Nonprofit Organizations If the contractor is a nonprofit organization, it agrees that:
 - (1) Rights to a subject invention in the United States may not be assigned without the approval of the

Federal agency, except where such assignment is made to an organization which has as one of its primary functions the management of inventions, provided that such assignee will be subject to the same provisions as the *contractor*;

- (2) The *contractor* will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when the agency deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;
- (3) The balance of any royalties or income earned by the *contractor* with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions, will be utilized for the support of scientific research or education; and
- (4) It will make efforts that are reasonable under the circumstances to attract licensees of subject invention that are small business firms and that it will give a preference to a small business firm when licensing a subject invention if the *contractor* determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided, that the *contractor* is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the *contractor*. However, the *contractor* agrees that the Secretary applicants, and the *contractor* will negotiate changes to its licensing policies, procedures, or practices with the Secretary when the Secretary's review discloses that the *contractor* could take reasonable steps to implement more effectively the requirements of this paragraph (k)(4).

(I) Communication

Any communications to be given hereunder by either party to the other shall be deemed to be duly given if set forth in writing and personally delivered or sent by mail, registered or certified, postage prepaid with return receipt requested, as follows:

CONTRACTOR CLIENT

Tetra Tech, Inc.

2301 Lucien Way, Suite 120

Maitland, FL 32751

Hernando County, FL 789 Providence Blvd.

Brooksville, FL 34601

Written notices hereunder delivered personally shall be deemed communicated as of actual receipt; mailed notices shall be deemed communicated five (5) days after deposit in the mail, post prepaid, certified, in accordance with this Paragraph.

CLEAN AIR ACT

(For all awarded contracts with a value greater than \$150,000.00)

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

FEDERAL WATER POLLUTION CONTROL ACT

(For all awarded contracts with a value greater than \$150,000.00)

(1) The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 etseq.

- (2) The contractor agrees to report each violation to the (name of the applicant entering into the contract) and understands and agrees that the (name of the applicant entering into the contract) will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- (3) The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

DEBARMENT AND SUSPENSION

Contractor must complete enclosed certification

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

BYRD ANTI-LOBBYING AMENDMENT

(For all awarded contracts with a value greater than \$100,000.00. Contractor must complete enclosed certification

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

The Contractor certifies, to the best of his or her knowledge and belief that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any 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 federally 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 contractor shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

FOR SUBSTANTIAL DAMAGE TECHNICAL ASSISTANCE SERVICES 2024 HURRICANE HELENE AND MILTON

(3) Contractor will include language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of \$150,000.00 shall certify and disclose accordingly.

PROCUREMENT OF RECOVERED MATERIALS

(The requirements of Section 6002 include procuring only items designated in guidelines of the EPA at 40

C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired by the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.)

- (1) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA designated items unless the product cannot be acquired:
 - a) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - b) Meeting contract performance requirements; or
 - c) At a reasonable price.
- (2) Information about this requirement is available at EPA's Comprehensive Procurement Guidelines web site, http://www.epa.gov/cpg/. The list of EPA-designate items is available at http://www.epa.gov/cpg/products.htm.
- (3) The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

ACCESS TO RECORDS

The following access to records requirements apply to this contract:

- (1) The Contractor agrees to provide the Client, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts, and transcriptions.
- (2) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
- (3) The Contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.
- (4) In compliance with the Disaster Recovery Act of 2018, the Client and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

CHANGES

To be eligible for FEMA assistance under the non-Federal entity's FEMA grant or cooperative agreement, the cost of the change, modification, change order, or constructive change must be allowable, allocable, within the scope of its grant or cooperative agreement, and reasonable for the completion of project scope.

FEMA recommends, therefore, that a non-Federal entity include a changes clause in its contract that describes how, if at all, changes can be made by either party to alter the method, price, or schedule of the work without breaching the contract. The language of the clause may differ depending on the nature of the contract and the end-item procured.

DHS SEAL, LOGO, AND FLAGS

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

COMPLIANCE WITH FEDERAL LAW, REGULATIONS, AND EXECUTIVE ORDERS

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

NO OBLIGATION BY FEDERAL GOVERNMENT

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

PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS

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

PROHIBITION ON CONTRACTING FOR COVERED TELECOMMUNICATIONS EQUIPMENT OR SERVICES

2 C.F.R. § 200.216, as implemented by FEMA Policy 405-143-1, prohibits the Contractor from using equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

DOMESTIC PREFERENCES FOR PROCUREMENTS

As appropriate and to the extent consistent with law, the Contractor agrees, to the greatest extent practicable, prefer the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products).

AFFIRMATIVE SOCIOECONOMIC STEPS

If subcontracts are to be let, the prime contractor is required to take all necessary steps identified in 2_C.F.R. § 200.321(b)(1)-(5) to ensure that small and minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

COPYRIGHT AND DATA RIGHTS

"License and Delivery of Works Subject to Copyright and Data Rights"

The Contractor grants to the Client a paid-up, royalty-free, nonexclusive, irrevocable, worldwide license in data first produced in the performance of this contract to reproduce, publish, or otherwise use, including prepare derivative works, distribute copies to the public, and perform publicly and display publicly such data. For data required by the contract but not first produced in the performance of this contract, the Contractor will identify such data and grant to the Client or acquires on its behalf a license of the same scope as for data first produced in the performance of this contract. Data, as used herein, shall include any work subject to copyright under 17 U.S.C. § 102, for example, any written reports or literary works, software and/or source code, music, choreography, pictures or images, graphics, sculptures, videos, motion pictures or other audiovisual works, sound and/or video recordings, and architectural works. Upon or before the completion of this contract, the Contractor will deliver to the Client data first produced in the performance of this contract and data required by the contract but not first produced in the performance of this contract in formats acceptable by the Client."

BUILD AMERICA, BUY AMERICA ACT

Contractors and their subcontractors who apply or bid for an award for an infrastructure project subject to the domestic preference requirement in the Build America, Buy America Act ("BABAA") shall file the required certification to the non-federal entity with each bid or offer for an infrastructure project, unless a domestic preference requirement is waived by FEMA. Contractors and subcontractors certify that no federal financial assistance funding for infrastructure projects will be provided unless all the iron, steel, manufactured projects, and construction materials used in the project are produced in the United States. BABAA, Pub. L. No. 117-58, §§ 70901-52. Contractors and subcontractors shall also disclose any use of federal financial assistance for infrastructure

projects that does not ensure compliance with BABAA domestic preference requirement. Such disclosures shall be forwarded to the recipient who, in turn, will forward the disclosures to FEMA, the federal awarding agency; subrecipients will forward disclosures to the pass-through entity, who will, in turn, forward the disclosures to FEMA.

BYRD ANTI-LOBBYING CERTIFICATION

Certification for Contracts, Grants, Loans, and Cooperative Agreements-The undersigned certifies, to the best of his or her knowledge and belief, that:

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

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

The Contractor <u>Tetra Tech, Inc.</u> certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C.Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official

Jonathan Burgiel, Business Unit President

Name and Title of Contractor's Authorized Official

November 22, 2024

Date

DEBARMENT/SUSPENSION CERTIFICATION

Non-Federal entities and contractors are subject to the debarment and suspension regulations implementing Executive Order 12549, Debarment and Suspension (1986) and Executive Order 12689, Debarment and Suspension (1989) at 2 C.F.R. Part 180 and the Department of Homeland Security's regulations at 2 C.F.R. Part 3000 (No procurement Debarment and Suspension).

This requirement applies to all FEMA grant and cooperative agreement programs.

Federal Executive Order (E.O.) 12549 "Debarment" requires that all contractors receiving individual awards, using federal funds, and all sub recipients certify that the organization and its principals are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency from doing business with the Federal Government. By signing this document, you certify that your organization and its principals are not debarred. Failure to comply or attempts to edit this language may disqualify your bid. Information on debarment is available at the following websites: www.sam.gov and https://acguisition.gov/far/index.html see section 52.209-6.

The Contractor <u>Tetra Tech, Inc.</u> certifies or affirms by your signature that neither you nor your principal is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Signature of Contractor's Authorized Official

Jonathan Burgiel, Business Unit President

Name and Title of Contractor's Authorized Official

November 22, 2024

Date

CIVIL RIGHTS COMPLIANCE PROVISIONS

1. EQUAL EMPLOYMENT OPPORTUNITY (Equal Opportunity Clause)

(For all awarded contracts that meet the definition of "federally assisted construction contract" provided in 41 CFR Part 60-1.3)

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

- The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
 - Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- 2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- 3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- 4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- 6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- 7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or order this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

Signature of Contractor's Authorized Official

Jonathan Burgiel, Business Unit President

Name and Title of Contractor's Authorized Official

November 22, 2024 Date

BUILD AMERICA BUY AMERICA ACT SELF-CERTIFICATION

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

- 1. All iron and steel used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- 2. All manufactured products purchased with FEMA financial assistance must be produced in the United States. For a manufactured product to be considered produced in the United States, the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55% of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
- 3. All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

The Contractor, <u>Tetra Tech, Inc.</u>, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official

Jonathan Burgiel, Business Unit President

Name and Title of Contractor's Authorized Official

November 22, 2024

Date

Anti-Human Trafficking Affidavit

represe	In compliance with Fla. Stat. § 787.06(13), this affidavit must be completed by <u>an officer or entative of a nongovernmental entity</u> that is executing, renewing, or extending a contract with ado County or any of its subordinate units (the "Governmental Entity").
1.	My name is Jonathan Burgiel and I am over eighteen years of age. The following information is given from my own personal knowledge.
2.	I am an officer or representative with
3.	Neither Nongovernmental Entity, nor any of its subsidiaries or affiliates, uses <i>coercion</i> for <i>labor</i> or <i>services</i> , as such italicized terms are defined in Fla. Stat. § 787.06, as it may be amended from time to time.
4.	If, at any time in the future, Nongovernmental Entity does use coercion for labor or services, Nongovernmental Entity will immediately notify Governmental Entity and no contracts may be executed, renewed, or extended between the parties.
5.	This declaration is made pursuant to Fla, Stat. § 92.525. I understand that making a false statement in this declaration may subject me to criminal penalties.
that I h	Under penalties of perjury, I Jonathan Burgiel, Business Unit President, declare nave read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true.
FURTI	HER AFFIANT SAYETH NAUGHT.
Name o	Tech, Inc. of Nongovernmental Entity
	nan Burgiel
Printed	l Name of Affiant
	ess Unit President
Title of	f Affiant
Signatu	ure of Affian

11/25/2024

Date