

CITY OF CLEARWATER, FLORIDA
TASK ORDER No. 2-Hurricane Milton (Debris Monitoring)

In accordance with the Notice-to-Proceed dated October 8, 2024 issued by the **City of Clearwater, Florida** (City) to **Tetra Tech, Inc.** (Consultant), City hereby authorizes the services to be performed for the period of performance and estimated budget set forth herein:

PROJECT: Disaster Debris Monitoring Services
2024 Hurricane Milton

ESTIMATED PROJECT TERM:

October 8, 2024 through **April 30, 2025** unless extended by written agreement signed by both parties.

SCOPE OF WORK:

Tetra Tech shall provide the following services:

- a. Hiring, scheduling, training and managing field monitoring staff.
- b. Certifying contractor vehicles for debris removal using methodology and documentation practices appropriate for contract monitoring.
- c. Monitoring and documenting debris removal contractor operations.
- d. Developing operational reports to keep City informed of work progress.

Review and reconciliation of debris removal contractor invoices prior to submission to City for processing.

ESTIMATED COST (not to exceed)

Estimated Not-to-Exceed: **\$1,673,620.00**

The fee for the services will be based on the actual hours of services furnished multiplied by Tetra Tech's hourly rates as set forth in the Participant Agreement between the City of Clearwater, FL and Tetra Tech, Inc. for disaster debris monitoring and management services (procured under the Pinellas County, FL RFP 22-0601-P(JJ)). The table below outlines the anticipated staff positions and level of effort.

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

Labor Category	Hourly Rate	Estimated # of Staff	Estimated # of Hours/Day	Estimated # of Days	Estimated Total
Project Manager	\$85.00	1	12	65	\$66,300.00
Debris Monitor Supervisor	\$55.00	8	12	65	\$343,200.00
Load Site Monitor	\$35.00	29	12	65	\$791,700.00
Debris Management Site Monitor	\$36.00	8	12	65	\$224,640.00
Roving Debris Monitor	\$45.00	1	12	65	\$35,100.00
Debris Management Consultant	\$95.00	1	8	65	\$49,400.00
Clerical/Administrative Support	\$32.00	1	12	65	\$24,960.00
Data Manager	\$59.00	1	12	65	\$46,020.00
GIS Manager	\$59.00	1	8	65	\$30,680.00
Health and Safety Officer	\$79.00	1	12	65	\$61,620.00
Estimated Total					\$1,673,620.00

[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 the 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 all cost (taxes, benefits, handling charges, equipment costs, overhead, profits, and travel expenses).

Assumptions:

- Estimated Debris Volume – Vegetative: 400,000.00
- Estimated Debris Volume - C&D: 50,000.00
- Estimated Average Truck Capacity: 55
- Estimated Average Load Call: 77%
- Estimated CY Per Load: 42.35
- Estimated Truck to Trailer Ratio: 2
- Estimated Trips Per Crew Per Day: 4
- Estimated Number of Hauling Units: 29
- Estimated Number of TDMS: 4
- Estimated Operational Days to Complete Collection: 65
- Estimated Days to Complete Haul-out: 10

Changes to these assumptions, expansion of scope of work, or debris contractor efficiency may impact the preliminary cost estimate and warrant a request for an increase by Tetra Tech.

INVOICE AND PAYMENT:

Monthly Invoices -- Invoices are to be emailed to:

Jevon A. Graham
Division Chief of Emergency Management
Clearwater Fire and Rescue Department
Phone 727-562-4334 ext. 3205
jevon.graham@myclearwater.com

Payment terms are Net 30 days -- Payments are to be mailed to:

Tetra Tech, Inc.
PO Box 911642
Denver, CO 80291-1642
Phone 321.441.8545 Brad Wesolowski
Email brad.wesolowski@tetrattech.com

APPROVED BY:

Tetra Tech, Inc.

City of Clearwater, Florida

Signature: _____

Name: Jonathan Burgiel

Title: Business Unit President

Signature: _____

Name: _____

Title: _____