

November 13, 2023

Rich Schroder
Chief Administrative Officer
City of Johnson City
303 E. Pecan Dr
Johnson City, TX 78636
rschroder@johnsoncitytx.org

DELIVERED VIA E-MAIL

RE: TO #3 – Flood Mitigation Assistance (FMA) Grant Application Support

Dear Mr. Schroder,

EDGE Engineering, PLLC (EDGE) appreciates the opportunity to submit this professional engineering services proposal to Johnson City (City) in support of the above referenced project. The scope of services described below includes EDGE serving as a trusted advisor to the City to complete the required information for the grant submission. Halff Associates, Inc. (Halff) is included as a subconsultant to support on the grant application as outlined in Attachment 1.

Scope of Services:

1) *Data Collection*

EDGE will assist the City in gathering data and information required for the grant application.

2) *Coordination and Communication*

EDGE will coordinate with appropriate City Staff to guide the project narrative and scope to the needs of the City. EDGE will work with the City to communicate to additional project stakeholders in an attempt to gather letters of support. EDGE will schedule weekly project meetings with City Staff to ensure the schedule for the grant submission is met. EDGE will coordinate with the Texas Water Development Board (TWDB) to ensure the grant application is in alignment with their goals.

3) *General Grant Support*

EDGE will support the City in the development of the project narrative, scope, budget, necessary attachments, online forms, and any other required items needed for the Grant submission.

4) *Halff Associates Support*

Halff has grant writing experts that have substantial experience with state and federal grant applications. Halff will support the grant application as outlined in Attachment 1.

Deliverables:

- Weekly Meetings
- Grant Application

Basis of Compensation:

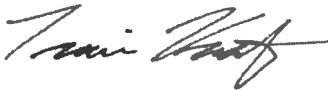
EDGE proposes to provide these services for a total not-to-exceed amount of \$22,015 in accordance with Exhibit B. Additional services will not be performed without prior written approval from the City.

Schedule of Completion:

The Grant application will be fully submitted to the TWDB by the deadline of December 31, 2023. EDGE will address TWDB comments within 2 weeks of receipt.

We appreciate the opportunity to support the City on this project. Please feel free to contact me directly if there are any question regarding this proposal at 512-766-0463 or tkaatz@civil-edge.com.

Sincerely,



Travis Kaatz, PE, CFM

ATTACHMENT 1 – HALFF SCOPE OF SERVICES



**EXHIBIT B
FEE SCHEDULE**

Task	Description	Project Manager \$195	Quality Manager \$220	Senior Engineer \$225	Project Engineer \$180	Design Engineer \$150	Engineer In Training \$105	Total Labor Hours	Total Labor Cost	Expense Cost	Total Cost
Task 1: Data Collection		1					16	17	\$1,875		\$1,875
Task 2: Coordination & Communication		8		8				16	\$3,360		\$3,360
Task 3: General Grant Support		8		12				24	\$6,780		\$6,780
Task 4: Half Associates Support											\$10,000
Project Totals		17	0	20	0	0	40	77	\$12,015	\$0	\$22,015



**ATTACHMENT 1
SCOPE OF SERVICES**

**2023 Flood Mitigation Assistance
Grant Application Review and Strategy Guidance**

The purpose of this service is to provide support for the development of the Flood Mitigation Assistance grant application.

BASE SCOPE OF SERVICES

Strategic Guidance

- Halff will serve as a trusted advisor to guide the application process.
- Halff will provide strategic guidance to the City regarding online submittal, needed data, alignment with the hazard mitigation plan, and needed application items, including letters of support, review, and suggestions for strengthening the provided narrative, scope, budget, and attachments.

SCHEDULE

Schedule.

- Halff's services shall be performed in a timely manner consistent with application deadlines.

EXCLUSIONS and ASSUMPTIONS

- Halff assumes that the City will develop and complete the grant application, including the required narrative. Any additional services required beyond those specifically identified in this proposal are beyond the scope of services to be provided under this agreement. A scope and commensurate fee for any required additional services would be negotiated and provided under a separate task order.

Changes.

- If City requests significant modifications or changes in the Scope of Services, general scope, extent, or character of the project, the time of performance of Halff's services, compensation, and schedule shall be adjusted equitably.



**ATTACHMENT 1
 BASIS OF COMPENSATION**

**2023 Flood Mitigation Assistance
 Grant Application Review and Strategy Guidance**

Basic Services as described in Exhibit 'A' will be provided for a lump sum fee of \$10,000.00. Payment for total services as described in Exhibit 'A' will be invoiced to the Client on a monthly basis, based upon a percentage of completed tasks. Below is a cost breakdown of the Basic Services:

BASIC SERVICE FEES	Cost
Strategic Guidance	\$10,000
Total Basic Service Fees	\$10,000

HOURLY BILLING RATES - September 2023

Labor Category	Level	Billing Rate
Architect	I	106.15
	II	125.64
	III	189.09
	IV	212.26
	V	321.78
Engineer	I	122.74
	II	145.96
	III	188.26
	IV	242.16
	V	315.14
Scientist	I	94.54
	II	122.74
	III	170.84
	IV	228.89
	V	306.85
Landscape/ Planner	I	97.03
	II	113.62
	III	163.38
	IV	208.99
	V	260.41
Surveyor	I	108.68
	II	120.75
	III	148.45
	IV	184.11
	V	243.82
Field Tech	I	69.00
	II	89.70
	III	105.23
	IV	146.23
	V	216.45
Office Tech	I	72.45
	II	89.70
	III	113.85
	IV	143.18
	V	184.11
Administrative	I	69.00
	II	89.57
	III	116.44
	IV	148.45
	V	246.72
Specialist	I	92.06
	II	123.98
	III	165.87
	IV	215.63
	V	340.02
Intern		89.70



MENU

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VIEW GRANT OPPORTUNITY

DHS-23-MT-029-000-98

Notice of Funding Opportunity (NOFO) for Fiscal Year 2023 Flood Mitigation Assistance

Apply

Department of Homeland Security

Department of Homeland Security - FEMA

SYNOPSIS

VERSION HISTORY

RELATED DOCUMENTS

PACKAGE

General Information

Document Type:	Grants Notice	Version:	Synopsis 1
Funding Opportunity Number:	DHS-23-MT-029-000-98	Posted Date:	Oct 12, 2023
Funding Opportunity Title:	Notice of Funding Opportunity (NOFO) for Fiscal Year 2023 Flood Mitigation Assistance	Last Updated Date:	Oct 12, 2023
Opportunity Category:	Discretionary	Original Closing Date for Applications:	Feb 29, 2024
		Current Closing Date for Applications:	Feb 29, 2024
		Archive Date:	Mar 30, 2024
		Estimated Total Program Funding:	\$ 800,000,000

Opportunity Category Explanation:		Award Ceiling:	\$0
		Award Floor:	\$0
Funding Instrument Type:	Grant		
Category of Funding Activity:	Other (see text field entitled "Explanation of Other Category of Funding Activity" for clarification)		
Category Explanation:	Mitigation: Natural Hazards		
Expected Number of Awards:	40		
CFDA Number(s):	97.029 -- Flood Mitigation Assistance		
Cost Sharing or Matching Requirement:	Yes		

Eligibility

Eligible Applicants:	Native American tribal governments (Federally recognized) Others (see text field entitled "Additional Information on Eligibility" for clarification) State governments
Additional Information	•States •District of Columbia •U.S. territories •Federally recognized Tribal governments

on
Eligibility:

Additional Information

Agency Name: Department of Homeland Security - FEMA

Description: The Flood Mitigation Assistance (FMA) grant program makes federal funds available to states, U.S. territories, federally recognized Tribal governments, and local governments to reduce or eliminate the risk of repetitive flood damage to buildings and structures insured under the National Flood Insurance Program (NFIP), and within NFIP-participating communities. It does so with a recognition of the growing flood hazards associated with climate change, and of the need for flood hazard risk mitigation activities that promote climate adaptation, equity, and resilience with respect to flooding. These include both acute extreme weather events and chronic stressors which have been observed and are expected to increase in intensity and frequency in the future. From Fiscal Year (FY) 1996 to FY 2019, FMA obligated over \$1.5 billion in federal cost share mitigating over 8,000 properties insured by the NFIP.

Projects or initiatives that are eligible for funding under this announcement may or may not involve Geospatial (GIS) issues.

Applicants can submit applications for this funding opportunity through FEMA Grants Outcomes (GO). Access the system at <https://go.fema.gov/>.

Link to Additional Information: femago@fema.dhs.gov

Grantor Contact Information: If you have difficulty accessing the full announcement electronically, please contact:

FEMA GO Help Desk
 Phone: 1-877-585-3242 E-mail: femago@fema.dhs.gov

femago@fema.dhs.gov

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FY 23 NOFO Quick Facts & Updates

While TWDB encourages all applicants to review the Notice of Funding Opportunity for the FMA Grant Program prior to applying. TWDB would like to highlight the following information and updates to the 2023 NOFO.

Available Funding for the NOFO: \$800,000,000.00:

- Capability and Capacity Building Activities subtotal: \$60,000,000
 - \$900,000 per Project Scoping subapplications
 - \$100,000 per applicant for flood hazard mitigation planning with maximums of
 - \$50,000 for state flood hazard mitigation planning and \$25,000 for local flood hazard mitigation planning
 - \$300,000 for additional Capability and Capacity Building activities
- Localized Flood Risk Reduction Projects subtotal: \$520,000,000
 - \$50,000,000 cap per localized flood risk reduction subapplication
- Individual Flood Mitigation Projects subtotal: \$220,000,000

Application Type Submission Directions:

- Mitigation Plans must be submitted in a "**plan**" subapplication type.
- Technical Assistance by States to Communities must be submitted in a "**technical assistance**" subapplication type.
- Project Scoping must be submitted in a "**project scoping**" subapplication type.
- Additional Capability and Capacity Building Activities must be submitted in a "**project scoping**" subapplication type.
- Localized Flood Risk Reduction Project and Individual Flood Mitigation Project must be submitted in a "**project**" subapplication type.
- Applicant Management Costs must be submitted in a "**management costs**" subapplication type.

NEW! TWDB Requires all Subapplicants to identify if their subapplication project is part of their Regional Flood Plan.

- To streamline possible use of Flood Infrastructure Funds TWDB encourages all subapplicants to ensure their proposed project is included in their regional flood plan.

NEW! Streamlined cost-effectiveness determination method:

- For projects with a total cost of less than \$1,000,000 the subapplicant may provide a narrative that includes qualitative and quantitative data demonstrating the benefits and cost-effectiveness of the project. Total project costs include all project costs, not just the federal share. Instructions for completing a cost-effectiveness narrative may be found on FEMA's BCA website. FEMA will validate the cost effectiveness and estimate a benefit cost ratio (BCR) of the proposed project during its review.

NEW! Prioritization Levels for Individual Flood Mitigation Projects

First Prioritization Criteria

Individual Flood Mitigation Projects that will mitigate flood damage to at least 75 percent of structures included in the subapplication that meet ANY of the following FMA and/or NFIP SRL and RL definitions in order by program priority:

1. Meet the FMA definition of an SRLii property
2. Meet the FMA definition of an SRLi property
3. Meet the FMA definition of a RL property
4. Meet NFIP definition of an SRL property
5. Meet the NFIP definition of an RL property

Second Level Prioritization Criteria:

In the event requested funding exceeds \$220 million funding for this priority, FEMA will prioritize subapplications based on:

- Count of properties meeting FMA and/or NFIP defined SRL and RL definitions in order by program priority (1-5) above, and
- Total dollars of all NFIP policy claims on record for all NFIP properties proposed for mitigation in the subapplication.

Third Level Prioritization Criteria

- If available funding requires prioritization within one of the above priorities, FEMA will apply the Final Priority Scoring Criteria for Individual Mitigation Project, use the below Prioritization Criteria Scoring Sheet to rank subapplication.

Priority	Description	Available Point
Substantial Damage	The subapplication includes structures that were determined Substantial Damage by the community within five (5) years of the Application Submission Deadline and a verification letter is included in the subapplication	10x each SD structure
Justice40 Community or Community Disaster Resilience Zones	<p>A Justice40 community, also referred to as a disadvantaged community, is identified using version 1.0 of the Climate and Economic Justice Screening Tool (CEJST). Justice40 communities are considered disadvantaged if they are in census tracts that meet the thresholds for at least one of the tool's categories of burden, or if they are on lands within the boundaries of federally recognized Tribes. In addition, census tracts that are completely surrounded by disadvantaged communities are also considered disadvantaged if they meet an adjusted low-income threshold (at or above the 50th percentile). Justice40 communities have been marginalized by society, overburdened by pollution, and/or underserved by infrastructure and other basic services. Further, all federally recognized Tribes or Tribal entities are Justice40 communities (whether or not they have land). A Community Disaster Resilience Zone is defined in 42 U.S.C. § 5136(a)(1) and all Community Disaster Resilience Zone are located in Justice40 communities. Please refer to FEMA identified Community Disaster Resilience Zones for the complete listing.</p> <p>Subapplications that primarily benefits a Community Disaster Resilience Zone, will receive 50 points. OR Subapplications that primarily benefits a Justice40 community, will receive 35 points. Full and partial points are assigned to this category.</p>	Up to 50
SRL/RL Property	If greater than 35% of properties in the subapplication are SRL or RL, then 30 points will be assigned. Or If 25-35% of properties in the subapplication are SRL or RL, then 15 points will be assigned.	Up to 30
FEMA Capability and Capacity (C&CB) Activities	FMA Subapplications will receive 20 points if the project was generated from a previous FMA award. No partial points are assigned to this category.	20

July 12, 2023

Mr. Jeff Walker
Executive Administrator
Texas Water Development Board
P.O. Box 13231
Austin, TX 78711-3231

SUBJECT: Lower Colorado-Lavaca Regional Flood Plan (Region 10)
Transmittal of Adopted Amended Regional Flood Plan and Completeness Checklist

Dear Mr. Walker:

On behalf of the Lower Colorado-Lavaca Regional Flood Planning Group (RFPG), I am pleased to submit the amended Regional Flood Plan (Plan) for the Lower Colorado-Lavaca Regional Flood Planning Region (Region 10), as adopted by the RFPG on June 22, 2023. The Plan conforms with the guidance principles in Title 31 TAC §362.3 and includes explanations as to how the Plan satisfies the requirements of each of the guidance principles and will not negatively affect a neighboring area. In addition, the Plan includes a statement on how it adequately provides for the preservation of life and property and the development of water supply sources, where applicable. Additionally, the Plan is fully compliant with the provisions of Section II, Article II, Paragraph A of the project contract between the Texas Water Development Board (TWDB) and the Lower Colorado River Authority, which acts as the administrative sponsor for Region 10. This submittal includes a technical report with 10 required Plan chapters organized as outlined in TWDB guidance (Exhibit C Table 1.6).

Attached to this transmittal letter is a completed TWDB checklist with explanatory notes for each checklist item, as appropriate. All required elements enumerated in the checklist are included or addressed in the Plan and its appendices.

As noted, the Plan for Region 10 was adopted by roll-call vote and approved for submittal by the RFPG at its meeting on June 22, 2023. As with all meetings of the RFPG and its committees, the meeting was properly noticed and conducted in accordance with the requirements of the Texas Open Meetings Act, Public Information Act, the bylaws of the RFPG and posting requirements specified by TWDB. Note that the RFPG approved submittal of the Plan subject to minor non-substantive changes and refinements by the RFPG's technical consultant.

As required, we are providing one (1) double-sided hard copy excluding appendices and two (2) electronic copies (one in searchable PDF and one in Microsoft Word format). The adopted Plan also is available to the public via RFPG's website (www.lowercoloradolavacaflood.org).

If you or your staff have any questions about the various electronic files that collectively constitute the Plan, please contact Cindy Engelhardt at CEngelhardt@halff.com or 512-777-4552. You may also reach me at Lauren.Graber@lcra.org or 512-578-7085. We look forward to any feedback you may have on the adopted amended Plan and look forward to continuing the flood planning process through the next planning cycle.

Sincerely,



Lauren Graber

Region 10 Sponsor – Lower Colorado River Authority

Attachment – Completeness Checklist

- c: Reem Zoun, TWDB director of Flood Planning
- Ian Blair, TWDB project manager for the Lower Colorado-Lavaca Flood Planning Region
- Lower Colorado-Lavaca Regional Flood Planning group members
- Technical consultants

TABLE 19: FMS, FMP, FME Funding Survey

RFP# Number	Sponsor	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding		TOTAL	
						Non-construction Costs	Construction Related Costs	Total Estimated Cost	Anticipated Source of Sponsor Funding (e.g., taxes, general revenue, dedicated revenue incl. fees)	Funding to be Financed by Sponsor (including local, county, or regional mechanisms available but not yet fully utilized)		Other Funding Needed (including state, federal and/or other funding)
10	Fredericksburg	FME	Trailmoor near Llano Hwy	1010000048	TBD	\$250,000	\$0	\$250,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Drainage Channel near EMS Building	1010000050	TBD	\$50,000	\$0	\$50,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Bob White Trail	1010000051	TBD	\$50,000	\$0	\$50,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	N Edison Low Water Crossing	1010000053	TBD	\$15,000	\$0	\$15,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Schubert Low Water Crossing	1010000054	TBD	\$50,000	\$0	\$50,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	200 Block N Orange	1010000055	TBD	\$50,000	\$0	\$50,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Crockett Street South of Travis	1010000056	TBD	\$100,000	\$0	\$100,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Cross Mountain West	1010000057	TBD	\$100,000	\$0	\$100,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	N Millam at West Travis	1010000058	TBD	\$150,000	\$0	\$150,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Carriage Hills	1010000122	TBD	\$100,000	\$0	\$100,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Post Oak Subdivision	1010000123	TBD	\$150,000	\$0	\$150,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FME	Highway St Improvements Project Planning	1010000207	TBD	\$600,000	\$0	\$600,000	TBD	10%*	50%*	100%*
10	Fredericksburg	FMP	S Bowie Low Water Crossing - Flood Warning System	1030000033	TBD	\$0	\$0	\$28,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FMP	Lady Bird Golf Course Low Water Crossing - Flood Warning System	1030000037	TBD	\$0	\$0	\$28,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FMP	W Travis Low Water Crossing - Flood Warning System	1030000038	TBD	\$0	\$0	\$28,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FMP	Windmill Oaks Subdivision - Flood Warning System	1030000039	TBD	\$0	\$0	\$28,000	Municipal Drainage Utility Fee Revenue (Revenue Bond)	20%	80%	100%
10	Fredericksburg	FMP	Creek Street at Barons Creek	1030000065	TBD	\$0	\$0	\$2,027,000	TBD	10%*	90%*	100%*
10	Ganado	FME	Land Purchase for New EMS/Fire/Police Building	1010000064	TBD	\$100,000	\$0	\$100,000	TBD	10%*	90%*	100%*
10	Ganado	FME	City Hall Hardening and Safe Room	1010000128	TBD	\$100,000	\$0	\$100,000	TBD	10%*	90%*	100%*
10	Ganado	FME	Devers Creek Regional Detention and Channel Improvements	1010000190	TBD	\$250,000	\$0	\$250,000	TBD	10%*	90%*	100%*
10	Ganado	FME	City-wide Drainage Master Plan	1010000192	TBD	\$400,000	\$0	\$400,000	TBD	10%*	90%*	100%*
10	Ganado	FMP	City of Ganado Sewer Lift Station Backup Generator	1030000047	TBD	\$0	\$0	\$89,000	TBD	10%*	90%*	100%*
10	Giddings	FME	South Polk Street Study	1010000183	TBD	\$150,000	\$0	\$150,000	TBD	10%*	90%*	100%*
10	Gillespie County	FME	Countywide Floodplain Map Update	1010000177	TBD	\$250,000	\$0	\$250,000	TBD	10%*	90%*	100%*
10	Gillespie County	FME	Low Water Crossings at 4 locations	1010000178	TBD	\$200,000	\$0	\$200,000	TBD	10%*	90%*	100%*
10	Hays	FME	City of Hays Drainage Master Plan Update	1010000226	TBD	\$200,000	\$0	\$200,000	TBD	10%*	90%*	100%*
10	Hays County	FME	Hays County Buyout Project Planning	1010000201	TBD	\$500,000	\$0	\$500,000	TBD	25%	75%	100%
10	Jackson County	FME	Jackson County Hospital District	1010000065	TBD	\$150,000	\$0	\$150,000	TBD	25%	75%	100%
10	Jackson County	FME	County Road 480	1010000066	TBD	\$100,000	\$0	\$100,000	TBD	5%	95%	100%
10	Jackson County	FME	Palmetto Bend Spillway	1010000129	TBD	\$250,000	\$0	\$250,000	TBD	25%	75%	100%
10	Jackson County	FME	Navidad River - Stem Branch Control Structure Project Planning	1010000196	TBD	\$40,000	\$0	\$40,000	TBD	25%	75%	100%
10	Jackson County	FME	La Salle Erosion Control Structure Project Planning	1010000197	TBD	\$40,000	\$0	\$40,000	TBD	25%	75%	100%
10	Jackson County	FME	Goat Trail Erosion Control Structure Project Planning	1010000198	TBD	\$225,000	\$0	\$225,000	TBD	25%	75%	100%
10	Jackson County	FME	County Road 106 Erosion Control Structure Project Planning	1010000199	TBD	\$75,000	\$0	\$75,000	TBD	25%	75%	100%
10	Jackson County	FME	Jackson County Phase 2 DMP	1010000209	TBD	\$4,000,000	\$0	\$4,000,000	TBD	10%*	90%*	100%*
10	Jackson County	FMP	Jackson County Courthouse Backup Generator	1030000048	TBD	\$0	\$0	\$89,000	TBD	5%	95%	100%
10	Johnson City	FME	Citywide Drainage Plan	1010000107	TBD	\$250,000	\$0	\$250,000	TBD	10%*	90%*	100%*
10	Johnson City	FME	Develop New/Updated Floodplain Maps	1010000108	TBD	\$250,000	\$0	\$250,000	TBD	10%*	90%*	100%*
10	Jones Creek	FME	Highway Drainage	1010000136	TBD	\$100,000	\$0	\$100,000	TBD	10%*	90%*	100%*
10	Jonestown	FME	Community Evacuation Plan	1010000080	TBD	\$25,000	\$0	\$25,000	TBD	10%*	90%*	100%*