



## Region 6 Executive Summary

The proposed TWDB Request for Application requires the Regional project sponsor Harris County to submit a regional flood planning grant application leading to the possible award of contracts to develop a regional flood plan as described in 31 TAC Chapter 361. The objective is to complete the scope of work developed by Texas Water Development Board, which supports the regional flood planning group’s 2028 Regional Flood Plan efforts in accordance with statute, rule, and guidance requirements.

Region 6 scope of work follows the scope of work provided by TWDB. The work is broken out into the following 18 tasks:

Task		Objective
1	Planning Area Description	The objective of this task is to prepare a standalone chapter to be included in the 2028 Regional Flood Plan that describes the Flood Planning Region (FPR).
2A	Existing Condition Flood Risk Analysis	The objective of this task is to prepare a chapter to be combined with Task 2B and included in the 2028 Regional Flood Plan that describes the existing and future condition flood risk in the FPR.
2B	Future Condition Flood Risk Analysis	The objective of this task is to prepare a chapter to be combined with Task 2A and included in the 2028 Regional Flood Plan that describes the existing and future condition flood risk in the FPR.
3A	Evaluation and Recommendations on Floodplain Management Practices	The objective is to recognize the extent of the previous and current practices which may have increased flood risks, including residual risks, and consider broad floodplain management and land use approaches that will avoid increasing flood risks, and avoid negatively affecting neighboring areas
3B	Flood Mitigation Needs Analysis	The objective is to conduct the analysis in a manner that will ensure the most effective and efficient use of the resources available.
3C	Flood Mitigation and Floodplain Management Goals	The objective is to consider Guidance Principles under 31 TAC 362.3, Tasks 1-3B, input from the public, and other relevant information and consideration.
4A	Identification and Evaluation of Potential Flood Management Evaluations and Potentially Feasible Flood Management Strategies and Flood Mitigation Projects	The objective is to use the analyses and decisions under Tasks 2A through 4A the RFPG must identify and evaluate potential FMEs, and identify and evaluate potentially feasible FMPs and FMSs, including nature-based solutions, some of which may have already been identified by previous evaluations and analyses by others
4B	Prepare and Submit Technical Memorandum	The objective is to prepare and submit a Technical Memorandum
4C	Performance of Identified Flood Management Evaluations	The objective of this task is to perform identified potential FMEs to, for example, evaluate flood risks in areas with currently limited flood risk data, and evaluate potential flood risk reduction solutions, including performing hydrologic and hydraulic modeling, feasibility studies, and preliminary engineering needed to identify, evaluate, and recommend additional potentially feasible FMPs. Additional FMPs that are identified and evaluated under this Task may be recommended under Task 5A. FMEs that are performed under this Task would not also be recommended as FMEs under Task 5B.



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5A	Recommendation of flood management evaluations, flood mitigation projects and flood management strategies	The objective of this task is to consider and recommend Flood Management Evaluations (FMEs), Flood Management Strategies (FMSs) and their associated Flood Mitigation Projects (FMPs) to be included in the 2028 Regional Flood Plan that describes the work completed, presents the potential FMEs, potentially feasible FMPs and FMSs, recommended and alternative FMPs and FMSs, including all the technical evaluations, and presents which entities will benefit from the recommended FMPs and FMSs.
5B	Recommend a list of flood management evaluations to be performed by TWDB	The objective of this task is for the RFPG to submit a list to TWDB that is a subset of the FMEs that were identified by the RFPG under Task 4A, and not performed under Task 4C, along with a request to TWDB to perform those FMEs on behalf of the RFPG, subject to TWDB's available resources. This Task relies on completed work under Tasks 2A through 4A. TWDB will complete performance of these FMSs with the intention of generating additional FMPs that will be in consideration for RFPGs for recommendation during the current or the following planning cycle.
6A	Impacts of Regional Flood Plain	The objective is to prepare a stand-alone Chapter 6 (including work from both Tasks 6A & 6B) to be included in the 2028 Regional Flood Plan. Any additional deliverables identified in the TWDB Flood Planning guidance documents.
6B	Contributions to and Impacts of Water Supply Development and the State Water Plan	The objective is to prepare a stand-alone Chapter 6 (including work from both Tasks 6A & 6B) to be included in the 2028 Regional Flood Plan. Any additional deliverables identified in the TWDB Flood Planning guidance documents.
7	Flood Response Information and Actives	The objective is to summarize the nature and type of flood responses and coordinate and communicate with entities in the region.
8	Administrative, Regulatory, and Legislative Recommendations	The objective of this task is to prepare a separate chapter to be included in the 2028 Regional Flood Plan that presents the RFPG's administrative, legislative, and regulatory recommendations.
9	Flood Infrastructure Financing Analysis	The objective of this task is to report on how sponsors of recommended FMPs propose to finance projects.
10	Public Participation and Plan Adoption	The objective of this task is to address public participation, public meetings, eligible administrative and technical support activities, and other requirements and activities eligible for reimbursement. Objectives also include activities necessary to complete and submit a draft and final Regional Flood Plan and obtain TWDB approval of the Regional Flood Plan.
11	Implementation and Comparison to Previous Regional Flood Plan	The objective of this task is to collect information from local sponsors of FMEs, FMSs, and FMPs.

The estimated budget developed and provided by TWDB for Region 6 is as follows:

	Task	Cost
1	Planning Area Description	\$ 188,500.00
2A	Existing Condition Flood Risk Analysis	\$ 263,900.00
2B	Future Condition Flood Risk Analysis	\$ 263,900.00
3A	Evaluation and Recommendations on Floodplain Management Practices	\$ 37,700.00
3B	Flood Mitigation Needs Analysis	\$ 75,400.00
3C	Flood Mitigation and Floodplain Management Goals	\$ 37,770.00



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4A	Identification and Evaluation of Potential Flood Management Evaluations and Potentially Feasible Flood Management Strategies and Flood Mitigation Projects	\$ 377,000.00
4B	Prepare and Submit Technical Memorandum	\$ 75,400.00
4C	Performance of Identified Flood Management Evaluations	\$ 942,500.00
5A	Recommendation of flood management evaluations, flood mitigation projects and flood management strategies	\$ 377,000.00
5B	Recommend a list of flood management evaluations to be performed by TWDB	\$ 37,000.00
6A	Impacts of Regional Flood Plain	\$ 113,100.00
6B	Contributions to and Impacts of Water Supply Development and the State Water Plan	\$ 37,700.00
7	Flood Response Information and Actives	\$ 37,700.00
8	Administrative, Regulatory, and Legislative Recommendations	\$ 37,700.00
9	Flood Infrastructure Financing Analysis	\$ 75,400.00
10	Public Participation and Plan Adoption	\$ 754,000.00
11	Implementation and Comparison to Previous Regional Flood Plan	\$ 37,700.00
	<b>Total</b>	<b>\$ 3,770,000.00</b>

Region 6 Project milestone included in the grant application are as follows:

- Submission of RFA – 02/02/2024
- Solicitation for Technical Consultant – 05/03/24 -08/05/24
- Pre-planning Meeting for Public Input - 02/23/24 – 06/03/24
- Prepare and Submit Technical Memorandum – 05/01/25 - 09/19/25
- Preparation and Submission of Draft – 09/01/25 – 02/26/27
- Adopt and Submit the 2028 RFP to TWDB – 11/02/27 – 01/10/28