



Texas Division of Emergency Management Recovery, Mitigation and Standards

Texas Hazard Mitigation Grant Program (HMGP) Notice of Intent (NOI) Form

FEMA Disaster #: DR-4332 Date: 1/22/2019

Applicant: Fort Bend County

City: Fort Bend County County: Fort Bend County State: TX

NOI Point of Contact (POC)

Name: Richard Stolleis, P.E. Title County Engineer

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Mailing Address

Street Address: 30 Jackson St.

City: Richmond State: Texas Zip: 77469

Assessment

Mitigation Action Plan (MAP) approval date: _____

If NOT approved – Date submitted to State: _____

Is this specific project identified in the MAP? Yes

If YES, provide the page location of measure in MAP: _____

If NO, is this type of project identified in the MAP? N/A

Is Community in good standing with NFIP? Yes

Project Proposal

Estimated Project Cost: \$29,220,000.00

(Please provide a researched estimate for the total cost of the project.)

Funding Method for 25% Match:

Fort Bend County will fund the 25% through local or other funding sources

Proposed Project Area:

The proposed Barker Reservoir levee will protect a portion of the Cinco Ranch area from inundation from the Barker Reservoir. This levee borders the existing subdivision boundary within the Fort Bend County and at certain tie in points temporary measures will be implemented as they are outside Fort Bend County jurisdiction.

Damage History Related to Project:

In the past floods the residents experienced inundation for several days due to the lack of release of the Barker Reservoir flows. This resulted in loss of property and damages to the approximately 10,000 plus residents

Number of Residents or Structures at Risk:

Approximately 10,000 residents could be at risk due to the Barker Reservoir inundation

Proposed Mitigation Action:

This proposed mitigation action is to construct a levee of approximately 20,000 linear feet within the federal property to protect the existing homes from Barker Reservoir Inundation. The tie-in outside the Fort Bend County Jurisdiction shall be implemented through a temporary portable levee as emergency warrants due to an impending flood event.

Background and Discussion:

During the recent past floods it has become apparent that Barker Reservoir inundation can cause extensive flooding for several days and can render the homes inhabitable and cause wide spread damage as evident from the recent flood. The residents cannot enter their homes for an extensive period and depending on the release of the flows on Barker Reservoir. This reservoir is in Harris and Fort bend County and this request is for construction of the levee within the Fort Bend portion only. During an flood event there shall be temporary measures implemented in terms of a tiger dam so as to protect the Fort Bend county residents.

List any technical studies in progress or completed?

None at this time

Will this project be requested as a Phased project? Yes _____ If yes, indicate activities:

- Hydrologic & Hydraulic Final
- Engineering
- Design EO 11988

Will this project require any of the following: (check all that apply)

- Benefit Cost Analysis
- Environmental Historical & Environmental Preservation Review
- Other: _____

Provide the Estimated Period of Performance (POP). If this will be a phased project, identify each POP):

POP (or Phase I POP): 12 months Phase II POP: 24 months

Submit the completed application via email to TDEM-Mitigation@dps.texas.gov. Please keep a copy for your files.