

LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP MEETING

Agenda Item 8 – Technical Consultant Update

September 21, 2022



AGENDA

Discussion and Update on:

- Task 12 – Prioritization of possible evaluations to be performed**
- Review of Draft Regional Flood Plan Presentation**
- Supplemental No. 5**



TASK 12
PERFORM IDENTIFIED
FMES, IDENTIFY,
EVALUATE, AND
RECOMMEND
ADDITIONAL FMPS



TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

TWDB Requirements

Objective:

- “Perform” identified FMEs to recommended additional FMPs
 - Evaluate flood risks in areas with limited data
 - Evaluate flood risk reduction solutions
 - Preliminary engineering

Requirement:

- RFPG must approve list of FMEs to be performed
 - Additional FMPs to be evaluated and recommended
- Must adhere to Task 4B/5 requirements
- Revise and re-submit relevant data deliverables and RFP chapters
- Results/recommendations to be included in the Amended Regional Flood Plan
 - due July 14, 2023



TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Considerations for FME Selection

Criteria for considering FME for further analysis

- H&H models available
 - analysis of potential adverse impact
- Structures and population at risk
- Low-water-crossings on thoroughfare or near critical facility
- Critical facilities at risk
- Level-of-effort to perform FME possible with available budget and time
- Sponsor concurrence



TASK 12 – PERFORM FMEs FOR ADDITIONAL FMPs

Scope of Work for FMEs Selected

Potential Scope of Work

- Data Collection
 - Site visits
 - Survey
- Update hydrologic and hydraulic modeling
 - Atlas 14 rainfall, LiDAR
- Update alternatives analysis
- Verify no adverse impacts
- Evaluate potential constraints
- Update cost estimates
- Conduct cost-benefit analysis
- Perform FMP evaluation with RFPG
 - Financial Survey
- Prepare documentation for inclusion in Amended RFP



LOOK AHEAD



GOALS FOR UPCOMING MEETINGS

Regional Flood Plan Due January 10, 2023

October

- Public Meeting(s) to accept comments on the Draft RFP
- Intake comments on RFP
- Continue with Task 11, 12 & 13

November

- Review Comments
- Review changes to Draft
- Continue with Task 11, 12 & 13

December

- Approve Revised Draft Regional Flood Plan
- Continue with Task 11, 12 & 13

January 2023

- Submit Final RFP
- Continue with Task 11, 12 & 13

**Regional Flood Plan Amendment
due July 14, 2023**



**WRITTEN
COMMENTS
WELCOMED.**