

LOWER RIO GRANDE REGIONAL FLOOD PLANNING GROUP MEETING

*Agenda Item 10 – Discussion and update by
Technical Consultant*

December 15, 2021



AGENDA

Review and possible approval of:

- Technical Memorandum



**REVIEW & POTENTIAL APPROVAL
OF
TECHNICAL
MEMORANDUM**



LIST OF EXISTING POLITICAL SUBDIVISIONS WITH FLOOD RELATED AUTHORITIES

SOW Item 4C.1.a – §361.13(e)(1)

Table 3.1 required information

- Entity ID
- Entity Name
- RFPG Number and Name
- Is the entity a political subdivision
- Entity type (Municipality, County, River Authority, Flood District, etc.)
- Census FIPS code if County or Census Place
- FEMA CID Code



LIST OF EXISTING POLITICAL SUBDIVISIONS WITH FLOOD RELATED AUTHORITIES

SOW Item 4C.1.a – §361.13(e)(1)

- Started with over 129 Entities
- 84 have clear flood related authority
- 22 irrigation districts
 - Are they active in flood planning?
 - Should we keep these?
- Can I remove the MUDs, Navigation Districts, Water Control and Improvement Districts?



LIST OF (b) PREVIOUS STUDIES AND (f) MODELS CONSIDERED RELEVANT TO DEVELOPMENT OF THE RFP

SOW Item 4C.1.b and f – §361.13(e)(2) & §361.13(e)(6)

Information compiled

- Study Name
- Study Description
- Counties
- Municipalities
- HUC8, HUC10, HUC12, Watersheds, Study Sponsor
- Study Completion Date
- Study Conditions Studied
- Flood Risk Type
- Annual Probability Studied
- Hydrology Models Available
- Hydraulic Models Available
- How study used in RFP
- FEMA Status



LIST OF (b) PREVIOUS STUDIES AND (f) MODELS CONSIDERED RELEVANT TO DEVELOPMENT OF THE RFP

SOW Item 4C.1.b and f – §361.13(e)(2) & §361.13(e)(6)

- Sources used thus far
 - Master drainage studies
 - Hydrologic and hydraulic models
 - Letters of Map revision
 - Hazard Mitigation Action Plans



FLOOD MITIGATION AND FLOODPLAIN MANAGEMENT GOALS ADOPTED BY RFPG PER §361.36.

SOW Item 4C.1.g – §361.13(e)(7)

Table 3.8 required information

- Goal ID
- Goal Description
- RFPG Number
- RFPG Name
- Term of Goal (Short term- 10 yrs/ Long term- 30 yrs)
- Target Year for accomplishing goal
- Extent of area goal applies to
- Residual Risk
- Overarching Goal
- Other Associated Goals



FLOOD MITIGATION AND FLOODPLAIN MANAGEMENT GOALS ADOPTED BY RFPG PER §361.36.

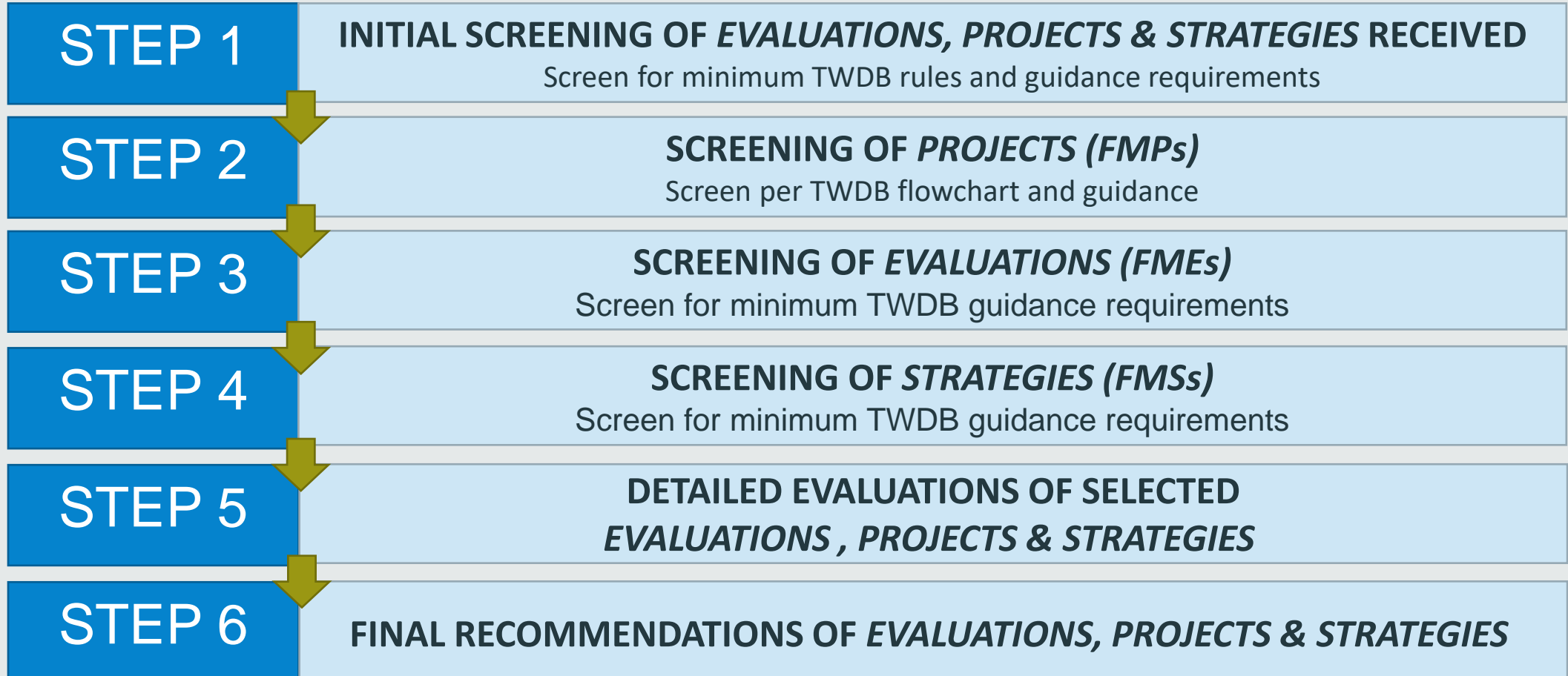
SOW Item 4C.1.g – §361.13(e)(7)

- Total of 42 goals**
 - 21 Short- and Long-term pairs)
- Adopted at the November 17, 2021, Meeting**
- Extent and Residual Risk has been included**
 - All goals applied to the entire region
 - Residual risk indicated the risks that would remain in the region after the stated goals were met.



PROCESS USED TO IDENTIFY POTENTIALLY FEASIBLE FMSs & FMPs

SOW Item 4C.1.h – §361.13(e)(8)





LIST OF POTENTIAL FMEs AND POTENTIALLY FEASIBLE FMSs AND FMPs IDENTIFIED BY RFPG

SOW Item 4C.1.i – §361.13(e)(9)

FMEs (Evaluations)

- Gaps
- Hazard Mitigation Action Plans

FMSs (Strategies)

- Hazard Mitigation Action Plans

FMPs (Projects)

- Master Drainage Plans
- CIPs



LIST OF POTENTIAL FMEs AND POTENTIALLY FEASIBLE FMSs AND FMPs IDENTIFIED BY RFPG

SOW Item 4C.1.i – §361.13(e)(9)

Tables 3.10, 3.11 and 3.12 required the following:

- IDs
- Description
- Associated Goal ID
- RFPG Name and Number
- County
- HUC8
- Flood Risk Type
- Sponsor
- Entities with Oversight
- Emergency Need
- Cost
- Funding Source
- Flood Risk
- Models available
- etc



LIST OF FMSs AND FMPs IDENTIFIED BUT DETERMINED TO BE INFEASIBLE, INCLUDING REASON

SOW Item 4C.1.j – §361.13(e)(10)

FMSs (Strategies)

- Not enough data to say at this point

FMPs (Projects)

- Need more information for final determination
- Not supported by a goal



QUESTIONS