



Legislation Text

File #: 2015-2727, **Version:** 1

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with AECOM Technical Services, Inc. for the Dam 101 Project.

This Engineering Services Contract with AECOM Technical Services, Inc. to continue the preliminary design and analysis work for Dam 101. As described in the Interlocal Agreement (ILA), an "Initial Work" phase contracted to Upper Brushy Creek Water Central Improvement District (UBCWCID) was recently completed. This new contract includes work for the Geophysical Investigation utilizing ERI (electrical resistivity imaging) to provide a rapid cost-effective means of evaluating the subsurface materials. This effort will allow for a more focused drilling effort in the future. Because the proposed dam site is located over the karstic region of the Edwards Aquifer Recharge Zone, great care must be taken to determine the appropriate foundation design.

Dam 101 is a joint project between the UBCWCID and the City to substantially lessen the frequency and depth of flooding along Lake Creek, particularly in the Greater Round Rock West area. The UBCWCID and City signed an ILA that assigned responsibility for coordinating design, construction, and funding of Dam 101 to the City. The UBCWCID is contributing \$6 Million to the project and will operate and maintain the dam when complete. The ILA anticipates a payment of \$2 Million from the UBCWCID before October 1, 2015.

Cost: \$79,337.00

Source of Funds: *Drainage Fund*

Staff recommends approval.