

## AGENDA



Thursday, August 9, 2007

## Public Works

Item No. 20

## RECOMMENDATION FOR COUNCIL ACTION

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**Subject:** Authorize execution of a construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for Fort Branch Creek Channel Restoration – Westminster Drive to Manor Road in the amount of \$3,667,926 plus a \$183,396 contingency, for a total contract amount not to exceed \$3,851,322.

**Amount and Source of Funding:** Funding is available in the Fiscal Year 2006-2007 Capital Budget of the Watershed Protection and Development Review Department.

**Fiscal Note:** A fiscal note is attached.

**For More Information:** Christina Calvery 974-7094, Morgan Byars 974-9790, Laura Bohl 974-7064.

**Purchasing Language:** Only one bid received.

**MBE/WBE:** This contract will be awarded in compliance with Chapter 2-9A of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). 12.389% MBE and 13.290% WBE subcontractor participation.

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A comprehensive study of the Lower Fort Branch identified the 2,200 feet of stream between Westminster Drive and Manor Road as having the worst erosion problems in the watershed.

In June 2004, a storm event scoured away approximately 150 feet of the west bank of the lower end of the stream reach just upstream of Manor Road. Subsequent storm flows in November 2004 scoured away an additional 300 feet of vulnerable bank. Erosion rapidly advanced into three residential properties, exposed two electric power poles and threatened the concrete channel lining at the Manor Road Bridge. The City completed an emergency stabilization project in August 2005 to prevent future flows from inflicting further damage. This emergency project stabilized approximately 600 feet of the west channel bank.

Storm flows from January 2007 through June 2007 have scoured away an additional several hundred feet of stream bank. The scoured areas range from 10 to 18 feet in height. An imminent structural threat exists to electric power poles and services, storage buildings and fences. Numerous yards have experienced massive slope failures resulting in the loss of 10 to 20 feet of land towards the homes along the creek. There are serious safety concerns for residents, their children and pets where fences and significant portions of their backyards have been lost due to unstable stream bank conditions.

Due to the potential for unknown subsurface conditions and uncertain stability of the existing stream banks, a 5% contingency in funding has been included to allow for the expeditious processing of any future change orders. The contract allows 270 calendar days for the substantial completion of this project.