



# Council Communication

Office of the City Manager

Date December 4, 2007

Agenda Item No. 7B  
Roll Call No. 06-  
Communication No. 06-764  
Submitted by: Jeb E. Brewer, P.E.  
City Engineer

## AGENDA HEADING:

Ordering construction of the Teachout Aquatic Center Slide Replacement – Receiving bids, (12-19-06), and Setting date of hearing, (1-08-06). (Construction Estimate - \$350,000).

## SYNOPSIS:

Recommend the City Council proceed with construction of this improvement utilizing the method of financing referenced below. The existing slides and approach tower are over 14 years old, and the fiberglass surfaces show significant wear. These surfaces have been repaired several times over the past few years, but they continue to be a safety and maintenance problem. The original manufacturer of the slides is no longer in business, and rather than just replace the slides with the same configuration, the Park and Recreation Department decided to add a tube slide as part of this project. This action is consistent with the Aquatic Study Improvements Plan recommended by Water's Edge, an aquatics design consultant hired by the City in 2004 to evaluate and recommend improvements to the City's aquatics facilities.

## FISCAL IMPACT:

Amount: \$350,000 (City Engineer's Estimate)

Funding Source: 2006-2007 CIP, Page Park-28, Swimming Pools and Aquatic Infrastructure, PKS153, G. O. Bonds

## ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Teachout Aquatic Center Slide Replacement, 11-2007-001. The improvement includes furnishing and installing an open "U" flume design minimum width 54 inch raft water slide with a minimum centerline length of 184 feet; furnishing and installing a second water slide consisting of an enclosed tube design with a minimum inside diameter of a 32 inch body water slide with a minimum centerline length of 148 feet; furnishing and installing a water slide tower and stairway system consisting of an elevated platform with a minimum plan view dimension of 12 feet by 14 feet and a tower elevation of 19.8 feet; furnishing and installing a sun shade structure and cover which protects the entire water slide tower elevated platform as well as the water slide entry sections; extending and connecting the existing water slide riser piping system and new butterfly valves to the two newly installed water slides in order to create a complete and operational water supply system; along with the necessary shop drawings, certifications, operation and maintenance manuals, permits, and safety signage; all in accordance with the contract documents including Plan File Nos. 470-130 at Teachout

Family Aquatic Center, 2601 Hubbell Avenue, Des Moines, Iowa.

The estimated construction cost for said improvement is \$350,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's office.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Public hearing, receive and file bids, designate lowest bidder, approve contract and bond. Partial payments to the contractor and final acceptance of work.