

AGENDA



Thursday, May 17, 2007

Public Works

Item No. 16

RECOMMENDATION FOR COUNCIL ACTION

Subject: Authorize negotiation and execution of an amendment to the professional services agreement with CAMP DRESSER and MCKEE (CDM), (Non-WBE) Austin, TX, for the engineering and construction phase services for the FM 812 Landfill Erosion Control Project in the amount of \$213,837 for a total contract amount not to exceed \$927,811.54.

Amount and Source of Funding: Funding is available in the Fiscal Year 2006-2007 Capital Budget of the Solid Waste Services Department.

Fiscal Note: A fiscal note is attached.

For More Information: Louis Lindsey 974-7099, Laura Bohl 974-7064.

MBE/WBE: This contract was awarded in compliance with Chapter 2-9B of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program), 5.93% MBE and 6.24% WBE subconsultant participation to date.

Prior Council Action: 04/20/95 – Original Selection of Camp Dresser and McKee for Phase I Preliminary Design Services for FM 812 Landfill; 05/21/97 – Authorization for Phase II Design and Bidding Services and Phase III Construction Management Services for FM 812 Landfill; 12/13/01 – Additional Phase II Design Services and adjusted Phase III Construction Phase Services for FM 812 Landfill; 04/15/04 – Authorization for the preliminary, detailed engineering and construction phase services for the FM 812 Landfill Erosion Control Improvements.

The City of Austin's FM 812 Landfill is located in southeast Travis County. The FM 812 Landfill is an operating municipal solid waste disposal facility owned and operated by the City's Solid Waste Services Department and covering approximately 382 acres at the northwest corner of the intersection of FM 812 and FM 973. The northern edge of the landfill was filled in the 1960's, prior to City ownership, and is immediately adjacent to Onion Creek. Historically, there have been problems with the slope stability of the landfill in this area of the original fill and there has been intermittent leachate seepage in this area near the creek. In mid 1990, a project was undertaken to place a gabion mattress on the toe of the slope of the landfill where it borders the creek to prevent erosion. In 2004, Travis County personnel contacted the City with concerns that the gabion mattresses were failing in the areas where the gabion was not tied into the bottom of Onion Creek. Travis County owns Richard Moya Park on the opposite side of the creek.

Leachate Activity (1995-2001)

CDM was selected in 1995 as the consultant to design a leachate collection system for the FM 812 Landfill. There have been five Supplemental Amendments to the original consulting contract to design and construct the leachate collection system.

Erosion-Control Activity (2004-2007)

A Supplemental Amendment to the consulting contract with CDM to design a permanent solution to the failing gabion mattress facility was executed in 2004. CDM was selected because of their familiarity with the landfill based on the leachate collection system work completed in this same area. The Supplemental

Amendment was to conduct a preliminary engineering and environmental assessment, do the detailed design, obtain the required permits, and monitor the construction activities. The preliminary engineering and environmental studies have been much more substantial than was originally anticipated in the original scope. In addition, the requirement for environmental permits has exceeded the scope envisioned in the original project.

The preliminary engineering studies were completed and alternatives were presented to the Solid Waste Services Department. Solid Waste Services selected the alternative that provided the maximum erosion protection for the landfill, and worked to maintain the natural character of the waterway. Presentations were prepared to communicate the proposed solution to the following entities:

- City of Austin, Watershed Protection and Development Review Department (WPDRD)
- Travis County
- State of Texas General Land Office
- Texas Parks and Wildlife Department
- U. S. Army Corps of Engineers
- Texas Commission on Environmental Quality (TCEQ)

All above listed must approve the design for the project. Numerous meetings were held with WPDRD and the preliminary design was modified several times, changes that were not part of the original scope. Meetings with the other agencies revealed the complex permit requirements needed for a project of this nature. Due to the lengthy history of this project, it is important to have the continuity of using the same consultant that began the work to design the erosion control structure. This request is the second authorization related to design of erosion controls.