

A G E N D A



Recommendation for Council Action (CMD)

Austin City Council		Item ID:	36796	Agenda Number	3.
Meeting Date:	October 16, 2014				
Department:	Contract Management				
Subject					
Authorize negotiation and execution of an amendment to the professional services agreement with HDR ENGINEERING, INC, for engineering services for the Mopac Bicycle Bridge in the amount of \$191,948, for a total contract amount not to exceed \$2,202,913.					
Amount and Source of Funding					
Funding is available in the Fiscal Year 2014-2015 Capital Budget of the Public Works Department.					
Fiscal Note					
A fiscal note is attached.					
Purchasing Language:					
Prior Council Action:	<p>March 8, 2012- Council authorizes the negotiation and execution of an amendment to the professional services agreement with HDR ENGINEERING, INC. for the design, preliminary engineering, and construction services for the Mopac Bicycle Bridge Project not to exceed \$2,010,965</p> <p>June 11, 2009- Council approved the Bicycle Master Plan.</p> <p>August 7, 2008 - Council authorized the negotiation and execution of professional services with HDR ENGINEERING, INC. for the design, preliminary engineering and construction phase services for the Mopac Bicycle Bridge project, not to exceed \$600,000.</p>				
For More Information:	Chad Crager, 512-974-3570; Lucy Bonee, 512-974-7967; Elizabeth Godfrey, 512-974-7141				
Boards and Commission Action:					
Related Items:					
MBE / WBE:	This contract was awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) with 15.32% MBE and 14.38% WBE participation to date.				
Additional Backup Information					

This project will provide bicycle and pedestrian accommodations for users of all abilities along the MoPac corridor over Loop 360 and Barton Creek, connecting downtown Austin to southwest Austin. This project is included in the City of Austin Bicycle Plan and Strategic Mobility Plan and meets goals in CAMPO's 2035 Plan and the City's Climate Protection Plan.

The scope of the project is to construct a bicycle/pedestrian trail from the Mopac frontage roads south of Barton Creek to Tuscan Terrace (north of Loop 360) and to ensure the bridge approaches create safe bicycle/pedestrian connections to existing facilities. To accomplish this project goal, the City, TXDOT, and consultant found a separate grade alignment that includes additional structure improvements at Loop 360 and Mopac. The length of the project is approximately 1.4 miles.

Construction of the Barton Creek portion began in November 2013 and will be completed by December 2015. Construction of the Loop 360 portion is anticipated to begin November 2014 and be completed by December 2015.

The Urban Trails Program has actively engaged neighborhood associations, environmental groups, and other stakeholders in the planning, environmental review, and design process. Federal and state funding has been obtained to complete the project. The project is located within zip codes 78735 and 78746, and is managed by the Public Works Department.

The additional funds requested in this RCA will fund the significant unforeseen conditions that were found during the preparation for the installation of the foundation elements for the Mopac Bicycle Bridge. Exploratory borings and information from the construction of the existing Mopac Roadway bridge indicated that rock would be encountered at or near the existing ground surface. During the preparation of the foundation, rock was found to be deeper than anticipated and the rock found may not be of the same quality as anticipated during initial design. Additional borings need to be taken to define the rock depth and quality in the vicinity of bent numbers 3-7. In addition, foundation analysis and redesign will be required to determine the impacts of these differing conditions. This will include not only the structural design of the foundation elements but also a scour analysis for the columns.

Secondly, the Texas Commission on Environmental Quality (TCEQ) requires additional analysis and calculations to complete the approval process for the Water Pollution Abatement Plan (WPAP) in order to eliminate the use of structure water quality facilities. This will result in an overall savings to the process, but will require additional design time.

This item has been approved by the City's Change Control Committee.

HDR ENGINEERING, INC is located in Austin, Texas.