

City Council Meeting

February 3, 2014

Item XX: Consider approval of Resolution 2015-XXR approving an agreement between the City and Freese & Nichols, Inc. for the provision of professional engineering services in connection with the Hopkins Street: Bishop to Moore Improvements Project in a total not to exceed amount of \$585,517.00; contingent upon the Consultant's provision of sufficient insurance in accordance with the attached agreement; authorizing the City Manager or his designee to execute this agreement on behalf of the City; and declaring an effective date.



BACKGROUND:

- This item is to approve a contract with Freese and Nichols, Inc. for professional engineering/planning services for the development of several interrelated projects in the Heritage Neighborhood area.
- FNI was selected based on qualifications documented in response to previous similar RFQ's and their knowledge of the project from previous work.
- Initial cost estimates for the reconstruction of Hopkins St. drainage improvements and utility upgrades is approximately \$10,000,000 (excluding converting overhead electric to underground).
- Cost for the basic services is not to exceed \$485,000



OVERVIEW: HOPKINS STREET RECONSTRUCTION

- Due to pavement failures on Hopkins between Old Ranch Road 12 and Bishop, a complete street reconstruction is needed.
- The scope of this project includes:
 - Utilizing complete street design process
 - Landscape and possible monument design
 - Development schematic and coordination with TxDOT
 - Preliminary engineering to determine feasibility of converting to underground utilities
 - Environmental risk assessment
 - Street and pedestrian lighting design
 - 30% design of roadway, sidewalks, and utilities
 - Opinion of probable cost determination.



OVERVIEW: DRAINAGE IMPROVEMENTS

- Analysis of the localized drainage and flooding for this area.
 - preparing a dynamic, two-dimensional (2D) model of the drainage system to identify extents of existing conditions flooding, as well as the benefits of proposed improvement alternatives.
 - public outreach to gather data regarding drainage concerns

OVERVIEW: UTILITY IMPROVEMENTS IN BELVIN ST.

- The 6-in. waterline within Belvin Street needs upgrading to a 12-in. from Scott Street to Bishop Street.
 - With this waterline replacement, other utilities may need to be adjusted or replaced.
 - Additionally, if construction of Hopkins Street requires disturbance of streets connecting Hopkins and Belvin, those water and/or sewer lines to be included..

