



AGENDA MEMORANDUM

First Reading for the City Council Meeting of November 15, 2016
Second Reading for the City Council Meeting of December 13, 2016

DATE: October 31, 2016

TO: Margie C. Rose, City Manager

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<p style="text-align: center;"><u>Engineering Design Services</u> Residential Reconstruction Test Projects</p>
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CAPTION:

Ordinance appropriating \$2,500,000 from the Unreserved Fund Balance in No. 1042 Residential and Local Street Fund for the Residential Reconstruction Test Projects – Ralston Avenue and Rogerson Drive; amending the FY 2017 Operating Budget adopted by Ordinance No. 030965; authorizing the City Manager, or designee, to execute a contract for engineering design services with Urban Engineering of Corpus Christi, Texas in the amount of \$88,420 for design of Ralston Avenue and Freese & Nichols, Inc. of Corpus Christi, Texas in the amount of \$97,764 for the design of Rogerson Drive.

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute two contracts for engineering design services for the design of Residential Reconstruction “Test” Projects with Freese and Nichols, Inc. for Rogerson Drive and Urban Engineering for Ralston Street.

BACKGROUND AND FINDINGS:

This is the first two Residential Street Reconstruction projects that provide the initial “Test” projects for the program. Staff will use these two projects to further refine the Residential Street Reconstruction Program including developing better pricing, street selection process and construction recapitalization strategies. These two streets were selected as test streets due to their condition and potential rehabilitation/reconstruction treatment alternatives. The scope of the project varies from major rehabilitation to full depth reconstruction. Both streets will receive new curb & gutter, sidewalks and ADA ramps on both sides with minimal underground utility and drainage improvements.

This test project is anticipated to provide better pricing data and treatment alternatives for future Residential

Street Reconstruction Program including the initial program implementation planned in the Bond 2016 election (if approved). This test project also provides additional analysis and considerations for the selection matrix for future candidate streets.

Both streets are beyond their design life and require major lifecycle upgrades. Ralston is experiencing the worst deterioration with surface, base and subgrade failures and therefore likely requires full depth reconstruction. Rogerson is experiencing similar distress without complete failure of the base and subgrade that may allow re-use/recycling the existing base to achieve a full depth rehabilitation. The engineering and design will determine the level of repairs and final street pavement treatment. The subsequent bidding is planned for May/June 2017 timeline. The actual bid pricing will allow staff to refine the budget and the candidate selection with actual pricing data. The preliminary cost estimate for street construction and utility upgrades is \$3.7 million.

ALTERNATIVES:

1. Authorize execution of a contract for engineering design services.
2. Do not authorize execution of a contract for engineering design services. (Not Recommended)

OTHER CONSIDERATIONS:

Not applicable

CONFORMITY TO CITY POLICY:

Complies with statutory requirements for architectural and engineering contracts. This item requires a 2/3 majority vote as per City Charter requirements.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Street Department

FINANCIAL IMPACT:

X Operating ☐ Revenue ☐ Capital ☐ Not applicable

Fiscal Year 2016-2017	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Budget	\$0	\$3,900,000		\$3,900,000
Encumbered / Expended Amount	0	0		0
This item	0	186,184		186,184
Future Anticipated Expenditures This Project	0	3,651,923		3,651,923
BALANCE	\$0	\$61,893		\$61,893

Fund(s):

Comments: N/A

RECOMMENDATION:

City staff recommends this contract with Freese and Nichols in the amount of \$97,764 for the Rogerson Drive project and Urban Engineering in the amount of \$88,420 for the Ralston Avenue project.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Contract – Freese and Nichols
Contract – Urban Engineering
Form 1295 – Freese and Nichols
Form 1295 – Urban Engineering
Location Map
Presentation