



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 31, 2017
Action Item for the City Council Meeting of November 7, 2017

DATE: October 18, 2017

TO: Margie C. Rose, City Manager

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<p style="text-align: center;"><u>Engineering Contract and Testing Agreement</u> BOND 2016 <i>Residential Street Rebuild Program (RSRP) Project</i></p>
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CAPTION:

Motion authorizing the City Manager, or designee, to execute Amendment No. 1 to a contract for professional services with Hanson Professional Services, Inc. of Corpus Christi, Texas in the amount of \$552,667 for a restated fee of \$602,327; and to execute a geotechnical testing agreement with Professional Services Industries, Inc., of Corpus Christi, Texas in the amount of \$56,211 for the Bond 2016 *Residential Street Rebuild Program (RSRP) Project*.

PURPOSE:

The purpose of this Agenda Item is to obtain authority to execute Amendment No. 1 with Hanson Professional Services, Inc. to continue the development and design of the Bond 2016 RSRP Project; and to execute a geotechnical testing agreement with Professional Service Industries, Inc., for the RSRP Project.

BACKGROUND AND FINDINGS:

The Street Improvement Plan (SIP) is a strategy addressing maintenance and repair of the entire street system. Residential street improvements are one element of the SIP for program development, funding, and execution. Staff has been working to develop a citywide Residential Street Rebuild Program (RSRP). In 2016, Council passed a resolution approving Test Projects to provide up-to-date costing for residential street reconstruction/rehabilitation and execution process information for the RSRP. The Bond 2016 RSRP Project in the amount of \$11 million was approved by voters on November 8, 2016. Street selection

criteria, an evaluation matrix and process steps (“RSRP Guiding Principles”) were approved by Council on March 21, 2017.

Scope:

Approximately 50% of the City’s residential streets are in poor condition and the Bond 2016 RSRP Project is one step towards addressing the situation. The Project will repair selected residential streets in all five districts.

The RSRP provides for the repair of existing City residential streets by extending the life and structural integrity of existing pavement through rehabilitation or replacing failed pavement through reconstruction of a pavement section designed to current City standards. The RSRP includes improvements to pavement, curb and gutter, sidewalks, ADA as required by Texas Department of Licensing Review (TDLR), and limited underground utility improvements.

The streets selected for the RSRP Project are first identified based on the Pavement Condition Index (PCI) (streets with a PCI value within the range of 35 – 55). The list is further refined based on Street Selection Matrix criteria which was approved by Council on March 21, 2017. Items included in the Street Selection Matrix are:

- Rideability
- Safety (Road Hazards)
- Proximity to Schools
- Developed Frontage
- Utility Conflicts
- Street Functionality
- Concrete Work (sidewalks, curb & gutter, driveways)

A small contract with Hanson Professional Services (Hanson) was administratively executed on June 15, 2017, for development of a Work Plan of residential streets for implementation of the Bond 2016 RSRP Project. This Work Plan is scheduled to be presented to City Council at the October 31, 2017 meeting for review and approval.

This contract amendment with Hanson will provide for preparation of required Indefinite Delivery/Indefinite Quantity (ID/IQ) documents, including bid documents for selection of construction contractors, and preparation of the delivery orders (DO’s) which include proposed repairs and quantities of work required for each specific street within the Work Plan. A DO includes:

- A short narrative of expected work for each street.
- A complete listing of included streets with pertinent data on a street by street basis.
- Cost data utilizing the unit bid price matrix.
- Aerial photo plans depicting limits of construction, areas of pavement repair, and any items required that are included in unit price bids.
- Any additional information that may assist the Contractor during construction.

Geotechnical testing is also required to identify underlying pavement conditions used in developing DO’s. A contract for geotechnical testing is included with this agenda item.

ALTERNATIVES:

1. Authorize execution of an amendment to the preliminary design contract for engineering services, and execution of a testing services agreement. (Recommended)
2. Do not authorize execution of an amendment to the preliminary design contract for engineering services and a testing services agreement. (Not Recommended)

OTHER CONSIDERATIONS:

Hanson Professional Services, Inc. is the design engineer selected for this project under RFQ 2016-06. Professional Services Industries, Inc. is the company selected for geotechnical testing services under RFQ 2017-01.

CONFORMITY TO CITY POLICY:

This contract complies with City policy regarding Professional Service Contracts and financial policies as part of the FY2017 Operating Budget.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Street Department

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ Capital ☐ Not applicable

Fiscal Year 2017-2018	Project to Date Expenditures	Current Year	Future Years	TOTALS
Budget	\$49,660	\$10,950,340		\$11,000,000
Encumbered / Expended Amount	49,660	0		49,660
This item	0	608,878		608,878
Future Anticipated Expenditures This Project	0	10,331,000		10,331,000
BALANCE	\$0	\$10,462		\$10,462

Fund(s): Bond 2016

Comments: N/A

RECOMMENDATION:

Execute Amendment No. 1 with Hanson Professional Services, Inc. in the amount of \$552,667, and execute a geotechnical testing agreement with Professional Services Industries, Inc. in the amount of \$56,211 for the Bond 2016 *Residential Street Rebuild Program* Project.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Amendment No. 1
Geotechnical Testing Agreement