



AGENDA MEMORANDUM

Action Item for the City Council Meeting of October 29, 2019

DATE: September 27, 2019

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Professional Services Contract
Residential Street Rebuild Program

CAPTION:

Motion awarding a contract to Hanson Professional Services Inc., for preparation of bid documents, street rebuild design, and delivery orders for the \$32.55 Million Residential Street Rebuild Program in the amount of \$3,389,252.89, located in all City Council districts, effective upon issuance of notice to proceed, with funding available from Bond 2018, Proposition A, Residential Street Construction Fund, and Utility Capital Program.

SUMMARY:

This contract provides engineering support for the rehabilitation and reconstruction of residential streets located throughout the City of Corpus Christi. It includes the design, bid, and construction phase services in the amount of \$3,389,252.89. The program will provide for preparation of IDIQ bid documents for procurement of five construction contracts and the subsequent development of Delivery Orders for construction.

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. Approximately 50% of the City's residential streets are in poor condition, and staff has been working to develop a citywide Residential Street Rebuild Program

(RSRP) to address the residential streets in disrepair. Below are the RSRP projects to date.

- 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. Construction was completed in December 2018.
- The Bond 2016 RSRP Project in the amount of \$11 million was approved by voters on November 8, 2016. Construction is nearing completion, and all streets in this program should be finished in the fall of 2019.
- An additional \$3.4M was approved by City Council in August 2018 for construction costs for reconstruction of residential streets. The construction contract was approved on September 24, 2019, and construction is anticipated to start in early November 2019.
- In the November 2018 bond program, voters approved funding for residential streets in the amount of \$10.55M. The Street Department has committed \$11M of their 2019-2020 operational budget, and another \$11M from their 2020-2021 budget to the RSRP. This contract authorizes the engineering services for the streets selected to be completed with those funding sources.

This Project will repair selected residential streets in all City Council districts. The RSRP provides for the repair of existing City residential streets by extending the life and structural integrity of existing pavement through rehabilitation, replacement, and reconstruction to meet 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) scoring system to classify streets with a PCI value within the range of 0 – 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)

This contract will provide for preparation of required Indefinite Delivery/Indefinite Quantity (ID/IQ) bid documents and preparation of 30 delivery orders (DO's). DO's include proposed repairs and quantities of work required for each specific street within the work plan.

PROJECT TIMELINE:

2019			2020										2021	2022					
N	D	J	F	M	A	M	J	J	A	S	O	N	D	Jan - Dec	J	F	M	A	M
Design			Bid		Construction														

Development of bid documents will begin in November of 2019 and should be complete in February of 2020. The bid documents will be structured to award three (3) contracts for rehabilitation and two (2) contracts for reconstruction. Construction is anticipated to begin May of 2020 with completion of the program scheduled for May 2022. There are 30 DO's anticipated to be required for construction.

COMPETITIVE SOLICITATION PROCESS:

Hanson Professional Services Inc., was selected for design of the RSRP streets in February 2019 under RFQ 2018-10. RSRP was one of thirty-two selections that were announced under the Transportation Category of the RFQ. Fifteen firms submitted under the Transportation Category and thirteen firms were selected. Hanson Professional Services Inc., was one of the highest ranked firms in the Transportation Category and the RSRP project was their first highest stated preference.

The selection committee with representatives from the Streets Department and Engineering Services ranked Hanson Professional Services Inc., qualifications based on five factors: 1) experience of the firm, 2) experience of the key personnel with specific experience with multiple Bond street programs and local utilities, 3) project approach and management plan, 4) capacity to meet the project requirements and timelines, and 5) past performance.

ALTERNATIVES:

Any alternative to awarding the contract will delay the reconstruction of the project and impede Council goals of completing Bond 2018 street projects in a timely manner and within budget.

FISCAL IMPACT:

The RSRP was developed to rehabilitate or reconstruct residential streets in poor condition in all City Council districts, based on the Council approved process. The amount needed to fund the program is available from Bond 2018 Proposition A, Residential Street Construction Fund, and Utility Capital Program. Approval of this item will award a design, bid and construction phase services contract to Hanson Professional Services Inc., in the amount of \$3,389,252.89 for reconstruction of neighborhood streets located in all City Council districts, effective upon issuance of notice to proceed.

Funding Detail:

Fund: **Street Bond 2019 Bond 18 Part 1 (Fund 3556)**
Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-3556-EXP
Amount: \$643,636.09

Fund: **Residential Street Reconstruction (Fund 1042)**
Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-1042-EXP
Amount: \$1,762,733.46

Fund: **Storm Water 2015 Bond (Fund 4531)**
Mission Elem: Street Pavement Maintenance (ME 051)

Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-4531-EXP
Amount: \$ 442,297.50

Fund: **Water 2019 CIP Bond (Fund 4098)**
Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-4098-EXP
Amount: \$245,720.83

Fund: **Wastewater Capital Reserve (Fund 4510) Pay as you go**
Mission Elem: Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-4510-EXP
Amount: \$245,720.83

Fund: **Gas 2015 CIP (Fund 4559)**
Mission Elem: Mission Elem: Street Pavement Maintenance (ME 051)
Project No.: Residential Street Rebuild Program (Project #18164A)
Account: Outside Consultants (Account #550950)
Activity: 18164-A-4559-EXP
Amount: \$49,144.19

RECOMMENDATION:

Staff recommends award of a contract to Hanson Professional Services Inc., in the amount of \$3,389,252.89 for the design, bid and construction phase services for the Residential Street Rebuild Program. The design phase will start in November 2019 with completion planned in February 2020. Construction is planned to start late spring of 2020 with anticipation completion spring of 2022.

LIST OF SUPPORTING DOCUMENTS:

Location & Vicinity Maps
Contract