

Agenda Item Details

Meeting	Apr 10, 2018 - Bryan City Council Second Regular Meeting
Category	5. Statutory (Automatic Approval) Agenda - This agenda consists of items previously approved by Council action such as adoption of items that are part of an approved budget or capital improvement projects, first and only readings of ordinances, interlocal agreements, or action that is required by law or delegated to the City Manager. Items may be removed from the statutory agenda for separate consideration at the request of two Councilmembers.
Subject	B. Engineering Services Contract for the Melba Circle Drainage Improvements Project, City Project Number 425-D1-1804, to Strand Associates, Inc., in an amount not to exceed \$110,300.00
Type	Action (Statutory)
Preferred Date	Apr 10, 2018
Absolute Date	Apr 10, 2018
Fiscal Impact	Yes
Dollar Amount	110,300.00
Budgeted	Yes
Budget Source	Drainage Utility Fee (Fund 245) - \$110,300.00
Goals	Quality of Life Public Safety Infrastructure

Summary:

This project will provide hydrologic and hydraulic modeling of the conditions on Melba Circle, Willow Bend Drive, and the outfall at Burton Creek in order to mitigate flooding issues and alleviate repetitive loss properties (one on Melba Circle and one on Willow Bend Drive). The proposed solution is the installation of a storm sewer system along Carter Creek, Dona Drive, and Willow Bend Drive that will capture the surface water prior to entering Melba Circle. The modeling will be used to develop the recommended sewer and inlets sizes for preparation of the construction documents. The plan is to capture the 100 year event and route to the creek in the storm sewer rather than overland through properties.

There are several houses on Melba Circle and Willow Bend Drive that flood during significant storm events due to extensive surface waters entering Melba Circle. The existing storm sewer on Melba Circle is insufficient to handle the flows.

To secure design services for this project, the City of Bryan sent Request for Qualifications (RFQ) to three (3) firms with local offices and experience in work similar to this project. City staff received Statements of Qualifications (SOQ) from all firms, and evaluated those firms in five (5) areas: a) Competence and Qualifications of leadership and staff; b) workload, capacity and meeting schedule dates; c) the specific approach for this project; d) knowledge of City of Bryan codes, requirements, design criteria, and local site conditions; and, e) Prior experience on the existing project that is proposed for continuation or modification. After SOQ evaluations were completed, the engineering firm of Strand Associates, Inc. was identified as the most qualified firm in which to enter into negotiations for a design contract. Negotiations were conducted and agreement reached with regard to scope and cost, and a design contract was drafted for City Council consideration (Attachment A).

The design services are for survey and engineering services, including drainage modeling and analysis, and final construction drawings and specifications for bidding. The construction cost estimate for the project improvements is \$1,061,000.00. The negotiated cost of professional services for this contract is \$110,300.00, which is 10.40% of the estimated construction cost and includes fees for survey and engineering services. The total estimated cost (design and construction) for this project is \$1,171,300, which is within the approved CIP budget for Design and Construction Phase Services of \$1,197,000.00, as listed as a design and construction project in FY 2018.

Staff Analysis and Recommendation:

Staff recommends awarding the Engineering Services Contract for the Melba Circle Drainage Improvements Project; City Project Number 425-D1-1804 to Strand Associates, Inc., for the not-to-exceed amount of \$110,300.00.

Options:

1. Award the Engineering Services Contract
2. Do not award the Engineering Services Contract and provide staff direction.

Attachments:

1. Engineering Services Contract
2. Site Map for Improvements

Attach A - Melba Circle Eng Svcs Contract (1).pdf (316 KB)

Attach B - Melba Circle Location Map.pdf (4,826 KB)