



TO: Mayor Chuck Barney
Members of the City Council

FROM: David Wicke, Assistant City Engineer

DATE: 4/24/2018

SUBJECT: ENGINEERING DEPARTMENT TOTAL STATION (PROJECT 4339 AND ENG 010) AWARD OF BID

I. RECOMMENDED ACTION

1. On Tuesday, May 1st, 2018 at 11:00 am, bids will be opened for the Trimble Brand Name Robotic Station Equipment. Due to timing of the bid opening, a recommendation will not be ready in time for the May memo deadline. However, we do anticipate a recommendation will be available and placed on Council's desk for approval.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4100
David Wicke, Assistant City Engineer	857-4100

III. DESCRIPTION

A. Background

The robotic total station is a remote operated surveying equipment tool which allows the user to gather, import and use data in design of construction projects. The Robotic Total Station can be operated by a single user and can perform functions with greater efficiency than traditional surveying methods. During construction, The Robotic Total Station can be used to verify alignments, stake out and field verify design elevations of structures, pipe inverts, roadways, sidewalks and other grades. The Robotic Total Station when used properly by trained individuals will reduce overall time and expense on a given particular construction project.

IV. IMPACT:

- A. Strategic Impact:
Saves time and expense during design and construction of projects.
- B. Service/Delivery Impact:
N/A
- C. Fiscal Impact:

The funding will come from the Capital Purchases funds. Funds have been budgeted by Council for the past three years.

Project Costs

Engineer's Estimate \$35,000.00

V. ALTERNATIVES

N/A

VI. TIME CONSTRAINTS

N/A

VII. LIST OF ATTACHMENTS

N/A