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## City Council Regular Meeting

**DEPARTMENT:** Capital Engineering  
**FROM:** Eric Oscarson, Deputy City Manager  
**MEETING:** July 22, 2024

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**SUBJECT:**

Consider approval of a BuyBoard cooperative purchasing agreement with Paradigm Traffic Systems, Inc for procurement and construction of a portion of the Intelligent Transportation System project in the amount of \$334,200 with project contingency of \$16,710 for a total amount of \$350,910. (*Staff Contact: Eric Oscarson, Deputy City Manager*)

**SUMMARY:**

In December 2019, the City Council adopted the Intelligent Transportation System (ITS) Strategic Plan. The plan recommended a three-phased implementation over a five to 10-year period.

On June 17, 2024, City Council received a presentation with regards to implementing the ITS project and directed staff to move forward.

The ITS project will consist of an advanced traffic management system (ATMS), new vehicle detection, new video cameras, emergency response vehicle preemption, a traffic management center, and a resident facing website.

Capital Engineering staff has been actively working with IT and purchasing to identify opportunities for savings for the project and have identified a path forward utilizing cooperative purchasing agreements with various vendors.

Implementation of the project requires multiple contracts and an agreement with TxDOT to take over maintenance of the signals.

Paradigm will procure and install the hardware and software for the emergency vehicle preemption system.

**RECOMMENDATION:**

Approve a BuyBoard cooperative purchasing agreement with Paradigm Traffic Systems, Inc for procurement and construction of a portion of the Intelligent Transportation System project in the amount of \$334,200 with project contingency of \$16,710 for a total amount of \$350,910.

**PRIOR ACTION/INPUT (Council, Boards, Citizens):**

June 17, 2024 – City Council provided direction to proceed with ITS implementation.

**REFERENCE:**

CSO #1205-12-2019 – City Council adopted the Intelligent Transportation Strategic Plan

**FISCAL IMPACT:**

TR2201 – 30-GO /30Bond

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