

Legislation Details (With Text)

File #: 2563 **Version:** 1 **Name:** Bridge Repairs, Various Locations
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On agenda: 4/5/2016 **Final action:** 4/5/2016
Title: Consider Authorizing The City Manager To Approve A Contract With Gibson And Associates For The Repair Of Roadway Bridges At Six Locations Across The City In An Amount Not To Exceed \$115,724.00.

Sponsors:

Indexes:

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Attachments: 1. Attachment A - Bid Tabulation, 2. Attachment B - Summary of Construction Tasks, 3. Attachment C - Location Map

Date	Ver.	Action By	Action	Result
4/5/2016	1	City Council	approved	Pass

CC MEETING: April 5, 2016

DATE: March 29, 2016

TO: Leonard Martin, City Manager

FROM: Cesar J. Molina, Jr., P.E., Director of Engineering

Consider Authorizing The City Manager To **Approve A Contract With Gibson And Associates For The Repair Of Roadway Bridges At Six Locations Across The City** In An Amount Not To Exceed \$115,724.00.

BACKGROUND:

The State of Texas conducts regular inspections of significant traffic bridges across the state to identify any deficiencies in the road deck or structure. These bridges include traditional bridges as well as multiple box culvert roadway crossings. These inspections yield a document referred to as a BRINSAP Report which provides thorough documentation of the bridge, deficiencies identified, recommendations to address bridge issues and a rating for the bridge.

Of the bridges located within the City, six locations were noted with issues that required correction. These corrections included repair of spalled concrete, cleaning/repairing deck joints and replacing bearing pads between the bridge beams and the bridge bent (cap on top of the piers). While none of the deficiencies are critical, repair of these issues will improve the long term safety and life of the bridge. A table of the bridges identified along with the deficiencies noted is attached.

The contract calls for a construction period of 60 days. The contractor has not submitted a sequence plan at this time, but it is anticipated that similar tasks will be conducted at various locations. One of the repair items, bearing pads, has a significant lead time associated with manufacturing and may impact the overall duration of the project. Road closures will be kept to a minimum with normally no more than one lane closed at a time in

one direction. These closures are limited to between the hours of 9:00 am and 4:00 pm., Monday through Saturday. There are certain tasks that would benefit from multiple lanes being closed, namely joint repairs. These tasks can be completed quickly with short duration closures. In all cases, closures will be coordinated with City Staff and the Resolution Center will be notified of the closure.

FINANCIAL IMPLICATIONS:

Bridge repair is a specialized field. Four contractors picked up plans for the construction, but only two bids were received. Gibson and Associates had the low bid of \$115,724.00. Funding for this is available in the Streets -- Bridge Retrofits account.

IMPACT ON COMMUNITY SUSTAINABILITY:

This project will contribute to community sustainability by:

- Safety for the traveling public - Address bridge deficiencies that may increase in the future.
- Protecting infrastructure - Increasing the life of existing bridge structures by protecting structural elements.

STAFF RECOMMENDATION/ACTION DESIRED:

Staff recommends City Council authorize the City Manager to approve a contract with Gibson and Associates for the repair of roadway bridges at six locations across the city in an amount not to exceed \$115,724.00.