



Legislation Details (With Text)

File #:	15-12561	Version:	1	Name:	
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File created:	1/7/2020	In control:	City Council Business Meeting		
On agenda:	2/10/2020	Final action:	2/10/2020		
Title:	City Bridge Inspection Contracts				
Attachments:	1. BO NCDOT Bridges_2.10.pdf, 2. 2020 Qualifying Bridge List, 3. 2020 Non-Qualifying Bridge List, 4. Bridge Inspection Resolution				

Date	Ver.	Action By	Action	Result
2/10/2020	1	City Council Business Meeting	Approve	Pass

City Bridge Inspection Contracts

Action:

- A. Approve a contract for \$124,791.26 with WSP USA, Inc. for the inspection of bridges not qualifying for federal funds,**
- B. Approve a contract for \$642,834.33 with WSP USA, Inc. for the inspection of bridges that qualify for federal funds administered by the North Carolina Department of Transportation,**
- C. Adopt a resolution authorizing the City Manager to execute a Municipal Agreement with the North Carolina Department of Transportation to share the cost of inspecting 179 city-maintained bridges and culverts in the amount of \$514,267.46, and**
- D. Adopt a budget ordinance appropriating \$514,267.46 from the North Carolina Department of Transportation for bridge inspections.**

Staff Resource(s):

Liz Babson, Transportation
Geoff Sloop, Transportation

Explanation

- The Federal Highway Administration (FHWA) mandates that bridges and culverts be inspected every two years.
- Bridges are inspected for structural adequacy, safety, and functionality.
- Bridges that are greater than 20 feet in length qualify for federal reimbursement of 80 percent of the cost of inspections.
- The North Carolina Department of Transportation (NCDOT) administers the reimbursement process on behalf of FHWA.
- The intergovernmental arrangement constitutes multiple agreements and contracts that must be approved by City Council.
- On December 4, 2019, the city issued a Request for Qualifications (RFQ); nine responses were received.
- WSP USA, Inc. is the best-qualified firm to meet the city’s needs on the basis of demonstrated competence and qualification of professional services in response to the RFQ requirements.
- This is the first approval of the 2020 Bridge Inspection Program. Over the next two years, City Council will be presented with contracts for the design and construction of needed repairs related

to these inspection contracts.

Action A

- The contract with WSP USA, Inc. totals \$124,791.26 and is for the inspection of 39 city-maintained bridges and culverts that do not qualify for federal reimbursement.
- The city is responsible for 100 percent of costs associated with the inspection and maintenance of these bridges and culverts.
- The city's costs are funded through the previously-approved Capital Investment Plan program.

Action B, C, and D

- The contract with WSP USA, Inc. totals \$642,834.33 and is for the inspection of 179 city-maintained bridges that qualify for federal reimbursement.
- FHWA will reimburse the city for 80 percent of the total cost of inspections, which is \$514,267.46.
- The city is responsible for 20 percent of the total cost, which is \$128,566.87. The city's costs are funded through the previously-approved Capital Investment Plan program.

Charlotte Business INclusion

Action A

The city negotiated subcontracting goals after the proposal selection process (Part C: Section 2.1(h) of the Charlotte Business Inclusion Policy). WSP USA, Inc. has committed \$8,309 or approximately 10.00% of the total eligible contract components to the following State Small Professional Service Firm certified firm:

- Boyle Consulting Engineers, PLLC (SPSF) (\$8,309) (bridge inspection services)

Action B

For Federal Highway Administration federal projects, NCDOT does not mandate a goal through the State's Small Professional Service Firm (SPSF) program.

Fiscal Note

Funding: General Capital Investment Plan and Federal Highway Administration Funds

Attachment(s)

Budget Ordinance

List of Qualifying Bridges

List of Non-Qualifying Bridges

Resolution