



City of Chula Vista

Staff Report

File#: 17-0554, **Item#:** 3.

RESOLUTION NO. 2018-068 OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA APPROVING AGREEMENTS WITH IBI GROUP, INC., ITERIS, INC., KIMLEY-HORN AND ASSOCIATES, INC., AND STC TRAFFIC, INC. TO PROVIDE ON-CALL TRAFFIC ENGINEERING & INTELLIGENT TRANSPORTATION SYSTEMS (ITS) CONSULTING SERVICES FOR VARIOUS CAPITAL IMPROVEMENT PROGRAM PROJECTS AND OTHER CITY PROJECTS

RECOMMENDED ACTION

Council adopt the resolution.

SUMMARY

City staff has identified the need to enlist highly qualified consultants to assist in the planning, design, construction management/inspection, and/or implementation of traffic, transportation, general civil engineering, ITS, telecommunications, and networking projects.

ENVIRONMENTAL REVIEW

Environmental Notice

The Project qualifies for a Class 1 Categorical Exemption pursuant to Section 15301 (Existing Facilities) of the California Environmental Quality Act State Guidelines.

Environmental Determination

The Director of Development Services has reviewed the proposed project for compliance with the California Environmental Quality Act (CEQA) and has determined that the project qualifies for a Class 1 Categorical Exemption pursuant to Section 15301 (Existing Facilities) of the State CEQA Guidelines. Thus, no further environmental review is required.

BOARD/COMMISSION RECOMMENDATION

Not applicable.

DISCUSSION

Background

On September 12, 2017, Council adopted the City's first Traffic Signal Communications Master Plan via Resolution No. 2017-173. This Plan identified deficiencies, needs, and enhancements to the City's traffic signal communications network. The Plan also identified new Intelligent Transportation Systems (ITS) elements and technologies such as adaptive traffic control systems, advanced data collection systems, and video monitoring systems, which can become extremely valuable traffic management tools when added onto a robust and efficient communications system. The enhanced communications system and ITS elements will primarily serve the City's Traffic Engineering Division and will provide staff with modern tools to better serve the public utilizing the City's various

transportation modes. These network enhancements and new ITS elements will also create greater connectivity opportunities for other Departments within the City such as the Information Technology Services, Public Works, Police, and Fire. In addition, the City has been awarded Federal grants to fund the installation of a fiber optic network to upgrade the traffic signal communications network and create opportunities for the deployment of Smart City-type applications. Therefore, this Council action is to establish agreements with four (4) highly qualified consultants to assist staff and provide specialized technical services for the implementation of components of the Traffic Signal Communications Master Plan, various Capital Improvement Program projects, Smart City initiatives, and other City projects.

Currently, most traffic engineering design services are provided by in-house City personnel. However, the nature of the work required to complete the various elements in the Traffic Signal Communications Master Plan, Measure P transportation-related projects, certain Federally-funded projects, and most Smart City applications is so specialized that it is necessary to utilize engineering firm(s) to complete these tasks in a manner that will meet and exceed today's standards. The City's goal is to complete the installation of the new traffic signal communications network and various ITS elements over the next five to seven years, upon available funding. In addition, the City has made commitments to expeditiously deliver improvements for failed infrastructure throughout Chula Vista, under Measure P, that will take significant effort to plan, design, and construct. In order to achieve these goals, and to stay current with rapidly changing technology, the design work, inspection, and/or implementation of these components needs to take place at a fast pace by experts in these fields. Therefore, the Department will use the as-needed consultant(s) in support of City staff, to provide the specialized technical services it needs in the areas of traffic signal communications, ITS, telecommunications, networking, traffic and civil engineering.

Consultant Selection Process

In mid-August 2017, the City of Chula Vista requested proposals from qualified firms for Traffic Engineering and Intelligent Transportation Systems (ITS) Consulting Services in accordance with Chula Vista Municipal Code Section 2.56.110 and Caltrans Local Assistance Procedure Manual (LAPM). Note that by following Caltrans LAPM procedures, these on-call contracts may also be used to support City staff in the successful completion of City projects that are State and/or Federally funded.

In late September 2017, a total of seven engineering firms submitted proposals pursuant to the Request for Proposal (RFP). The selection committee determined that all seven engineering firms were qualified to participate in the interview process. Therefore, in mid-November 2017, the Selection Panel interviewed the following seven firms and their respective team of sub-consultants:

1. IBI Group, Inc.
2. Iteris, Inc.
3. Kimley-Horn and Associates, Inc.
4. KOA Corporation
5. Rick Engineering Company
6. STC Traffic, Inc.
7. Urban Systems Associates, Inc.

In late November 2017, based on the selection rating criteria, interview, and procedure, the

File#: 17-0554, Item#: 3.

consultant selection committee, selected IBI Group, Inc., Iteris, Inc., Kimley-Horn and Associates, Inc., and STC Traffic, Inc. as the first ranked and most qualified firms.

The On-Call Traffic Engineering and ITS Consultant Services Agreements with IBI Group, Inc., Iteris, Inc., Kimley-Horn and Associates, Inc., and STC Traffic, Inc. have a zero dollar minimum aggregate value and a total not-to-exceed amount of \$5,000,000, per consultant team, for the duration of the contract period. In addition, each consultant Agreement has a duration of two years, from the date of Council approval, with two optional one-year extensions upon mutual agreement.

DECISION-MAKER CONFLICT

Staff has reviewed the decision contemplated by this action and has determined that it is not site-specific and consequently, the 500-foot rule found in California Code of Regulations Title 2, section 18702.2(a)(11), is not applicable to this decision for purposes of determining a disqualifying real property-related financial conflict of interest under the Political Reform Act (Cal. Gov't Code § 87100, *et seq.*).

Staff is not independently aware, and has not been informed by any member, of any other fact that may constitute a basis for a decision maker conflict of interest in this matter.

LINK TO STRATEGIC GOALS

The City's Strategic Plan has five major goals: Operational Excellence, Economic Vitality, Healthy Community, Strong and Secure Neighborhoods and a Connected Community.

CURRENT YEAR FISCAL IMPACT

All fees for Consultant services will be paid from funds already allocated in the CIP Program, other City projects, or development funded projects. Fee schedules have been successfully negotiated with all four teams (prime and their subconsultants).

ONGOING FISCAL IMPACT

Funding for future tasks will be funded by the Capital Improvement Program project requiring these services, other City projects, or development funded projects.

ATTACHMENTS

1. City of Chula Vista Consultant Services Agreement with IBI Group, Inc. to Provide On-Call Traffic Engineering and Intelligent Transportation Systems Consulting Services
2. City of Chula Vista Consultant Services Agreement with Iteris, Inc. to Provide On-Call Traffic Engineering and Intelligent Transportation Systems Consulting Services
3. City of Chula Vista Consultant Services Agreement with Kimley-Horn and Associates, Inc. to Provide On-Call Traffic Engineering and Intelligent Transportation Systems Consulting Services
4. City of Chula Vista Consultant Services Agreement with STC Traffic, Inc. to Provide On-Call Traffic Engineering and Intelligent Transportation Systems Consulting Services

Staff Contact: Eddie Flores, City Traffic Engineer, Engineering & Capital Projects Department