



Agenda Item No: 1.i

PLACENTIA CITY COUNCIL AGENDA REPORT

Meeting Date: January 14, 2025

Submitted by: Kyra Tao

From: Public Works

Subject:

Professional Services Agreements for On-Call Traffic Engineering Services

Financial Impact:

Fiscal Impact:

Expense: \$ 50,000 Contract Not-To-Exceed Amount for Each On-Call Contract
\$ 250,000 Cumulative Contract Not-To-Exceed Amount for a Total
of Five (5) On-Call Contracts

Budget: \$ 10,000 FY 2024-25 Operating Budget (103590-6015)
\$ 10,000 FY 2024-25 CIP Budget (652501-6741)
\$ 20,000 FY 2024-25 Budget for On-Call Traffic Management Center
Support Services

Summary:

The City maintains 63 signalized intersections and an advanced Traffic Management Center (TMC) in City Hall. The TMC allows communications between the City and its signalized intersections. The TMC serves as the central hub for traffic operations, where real-time traffic data is collected, analyzed, and disseminated to optimize traffic flow and respond to incidents.

On August 5, 2024, Staff solicited qualifications from professional traffic engineering firms to create a bench list of professional consultants to provide traffic engineering services specifically in support of various issues related to the City's TMC. A total of eight (8) proposals were received from qualified consulting firms with extensive experience in traffic engineering services. After a thorough review of the proposals by Staff, a bench list of the top five (5) ranked firms are proposed to be placed under contract to provide the City with traffic engineering services for all ongoing support to the City's TMC. The approval of this traffic engineering on-call services contract is a necessary step to ensure the City's traffic management systems are operating efficiently and can respond promptly to emerging traffic needs.

This action will provide the City with traffic signal operation management services over the next 5 years. In order to meet the needs of the Department and to provide prompt customer service, it has been necessary in the past to utilize multiple firms to effectively perform duties in an efficient and responsible manner. Therefore, multiple firms are again being recommended in order to provide continuity of service. Entering into an on-call contract with

the City does not guarantee that a consulting firm will receive work during the contract on-call term.

Staff recommends that City Council award contracts to the five (5) firms for a 3-year term with an option for a two-year term extension based upon performance and at the discretion of the City. Each consultant shall serve on an on-call basis with a not-to-exceed contract amount of \$50,000, the cost of which will be charged by individual task. Staff plans to select one (1) firm in the current fiscal year to provide TMC support utilizing the available Department budget up to \$20,000.

Recommendation:

Recommended Action: It is recommended that City Council:

1. Approve a Professional Services Agreement with ADVANTEC Engineers, for professional consulting services to provide traffic engineering on-call services for a term of three (3) years with one (1) two-year term extension based upon performance and at the discretion of the City, in an amount not-to-exceed \$50,000; and
2. Approve a Professional Services Agreement with AGA, for professional consulting services to provide traffic engineering on-call services for a term of three (3) years with one (1) two-year term extension based upon performance and at the discretion of the City, in an amount not-to-exceed \$50,000; and
3. Approve a Professional Services Agreement with Kimley-Horn & Associates, for professional consulting services to provide traffic engineering on-call services for a term of three (3) years with one (1) two-year term extension based upon performance and at the discretion of the City, in an amount not-to-exceed \$50,000; and
4. Approve a Professional Services Agreement with Iteris, for professional consulting services to provide traffic engineering on-call services for a term of three (3) years with one (1) two-year term extension based upon performance and at the discretion of the City, in an amount not-to-exceed \$50,000; and
5. Approve a Professional Services Agreement with AET, for professional consulting services to provide traffic engineering on-call services for a term of three (3) years with one (1) two-year term extension based upon performance and at the discretion of the City, in an amount not-to-exceed \$50,000; and
6. Authorize the City Administrator to approve any contract term extensions based on performance and amendments up to 10% of the contract not-to-exceed amount, or \$5,000; and
7. Authorize the City Administrator to execute the above-mentioned Professional Services Agreements, in a form approved by the City Attorney.

Strategic Plan Statement:

There is no specific strategic planning goal or objective associated with this agenda item.

Discussion:

The City is responsible for safe and efficient operation of the transportation network, including traffic management, signal control, and monitoring of City streets. The Traffic Management Center (TMC) serves as the central hub for traffic operations, where real-time traffic data is collected, analyzed, and disseminated to optimize traffic flow and respond to incidents. The on-call services are essential to maintaining the City's traffic operations, providing timely and flexible support for various traffic-related issues, including signal timing evaluation and coordination, system maintenance, and system upgrades.

As a result of the need to retain the professional assistance from qualified consultants to assist Staff with traffic engineering services with the focus on TMC in the City, Staff prepared an RFP for on-call services. A total of eight (8) proposals were received from qualified consulting firms with extensive experience in traffic engineering services. These proposals were evaluated by City Staff and the following are the top five final scores and rankings:

NO.	CONSULTANT	TOTAL SCORE
1	ADVANTEC Engineers	93
2	AGA	90
3	Kimley-Horn & Associates	91
4	Iteris	88
5	AET	88

By utilizing more than one (1) firm to provide traffic engineering services, the City can achieve greater flexibility in turning over traffic engineering support in a timely fashion. The scope of services under the contracts will include on-call support of various tasks pertaining to the City's TMC. The immediate tasks will include but not limited to:

- Monitor and report traffic signal malfunctions to the City as needed
- Investigate and make recommendations on traffic signal improvements
- Connect to and provide traffic signal input into system controllers
- Coordinate with City's IT department to upgrade TMC infrastructure in the server room

The top five ranked firms have demonstrated experience in managing traffic operations, have the technical expertise required for this specialized work, and have successfully worked with similar-sized municipalities. Among these firms, AGA, Iteris, and AET are currently providing the City with traffic operation management support services as part of several regional traffic signal synchronization projects funded by Orange County Transportation Authority (OCTA). They have been responsive to the City's needs and are familiar with the City's current TMC infrastructure and deficiencies.

Staff proposes the City enter into professional service agreements with five (5) consultants for traffic engineering on-call services. Each consultant shall serve on an on-call basis with a not-to-exceed contract amount of \$50,000. Each on-call contract with the City does not guarantee that a consulting firm will receive work during the on-call contract period. The consultants shall perform the on-call services at the direction of the Transportation Manager, based upon the agreed fee schedule submitted along with their respective proposal. Staff plans to select one (1) firm in the current fiscal year to provide TMC support utilizing the available department budget up to \$20,000. The approval of this traffic engineering on-call services contract is a necessary step to ensure the City's traffic management systems are operating efficiently and can respond promptly to emerging traffic needs.

Fiscal Impact Summary:

The cumulative not-to-exceed contract amount for each proposed agreement is \$50,000 for a grand total of \$250,000 across all five (5) proposed contracts. The award of these contracts does not commit the City to expending any funds since the consultants will serve on an on-call, as needed basis. Staff plans to select one (1) firm in the current fiscal year to provide

TMC support utilizing the available department budget up to \$20,000. A total of \$20,000 has been budgeted in the approved Fiscal Year 24-25 Operating and CIP Budget for this purpose. Funds for future TMC support services will be evaluated on a year-to-year basis based on the available budget as part of the City's annual budget process. As such, sufficient funds exist for the recommended actions.

Attachments

[\(Consultant signed\) - Kimley-Horn and Associates - On-Call Traffic - PSA Packet_KH signed.pdf](#)

[\(Consultant signed\) Iteris - On-Call Traffic - PSA - updated 2024.12.16.pdf](#)

[AET & Associates - On-Call Traffic - PSA - updated.pdf](#)

[\(Consultant signed\) AGA Engineers Inc - On-Call Traffic - PSA - updated.pdf](#)

[\(Consultant signed\) Advantec - On-Call Traffic - PSA.pdf](#)