



STAFF REPORT

CITY of YORBA LINDA

PUBLIC WORKS DEPARTMENT

DATE: MAY 17, 2022

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: JAMIE LAI, P.E., PUBLIC WORKS DIRECTOR/CITY ENGINEER
PREPARED BY: RICK YEE, P.E., DEPUTY PUBLIC WORKS DIRECTOR

SUBJECT: AWARD OF CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES CONTRACT TO NV5, INC. (NV5) FOR THE BASTANCHURY ROAD WIDENING BETWEEN CASA LOMA AVENUE AND EUREKA AVENUE PROJECT

RECOMMENDATION

It is recommended that the City Council award a Professional Services Agreement for construction management and inspection services contract to NV5, Inc. (NV5), in the amount of \$366,480 for the Bastanchury Road Widening between Casa Loma Avenue and Eureka Avenue project (SI221005). It is also recommended that the City Council authorize expenditures of up to \$54,972 (15% of the agreement value) in contract contingencies for potential additional services and unanticipated work that may arise during the course of construction.

BACKGROUND

Currently, Bastanchury Road between Casa Loma Avenue and Eureka Avenue consists of a single lane in each direction. The project improvement will add a second travel lane in each direction along with a two-way turn lane in the median.

The scope of improvements also includes significant modification to the vertical curve of the roadway to improve sight distance for motorists traveling along Bastanchury Road. Portions of the roadway centerline will be elevated up to 6-feet and retaining walls/structures will need to be constructed to accommodate the raised street elevation. In addition, the project will include the installation of traffic signals at the intersections of Bastanchury Road/Casa Loma Avenue and Bastanchury Road/Eureka Avenue. Lastly, the project includes new bike lanes, a multi-purpose trail, and sidewalk/parkway improvements with new irrigation and landscaping.

DISCUSSION

Staff relies on consultant services to provide for construction management and inspection of major capital improvement projects. The selection of the consultant is based upon factors

such as experience, professional qualifications, and competence as outlined in the Yorba Linda Municipal Code. A Request for Proposals was issued earlier this year to 14 firms that have the desired services. The recipients of the RFP were firms that are currently qualified for construction management services under the City's on-call consultant list in addition to several firms that had previously reached out to the City with interest in providing such services.

A total of four (4) firms submitted a proposal for these services. Using the aforementioned criteria for selection, it was determined that NV5 is the best qualified firm to meet the City's needs. The project involves typical construction management and inspection responsibilities along with an extensive amount of coordination with utility agencies and adjacent properties that will be affected during construction. NV5 has past experience working on projects of similar scope and nature and their references have affirmed the expertise of the NV5 team. NV5's proposal demonstrated an understanding of the detailed coordination needed to ensure that the various staging of construction phases is accomplished within the time frame allowed and within constraints set forth in the project specifications. The construction manager and inspector will be responsible for ensuring that the construction is consistent with the plans and specifications in addition to ensuring the traveling public and adjacent properties are affected with the least amount of impact possible.

FISCAL IMPACT

Sufficient funds are budgeted within the Bastanchury Road Widening Project (SI221005) in the Capital Improvement Project account (4010050-461620) for the proposed contractual services and associated contingencies. Expenditures for NV5's services are eligible for 50% reimbursement under the Orange County Transportation Agency (OCTA) competitive grant fund (Arterial Capacity Enhancement – ACE) received for this project. Overall construction costs are currently being finalized for the project and it is anticipated that an additional appropriation will be requested as part of the Mid-Term budget process due to recent escalations in material and construction labor costs.

ALTERNATIVES

The City can direct staff to proceed without the Construction Management and Inspection services. However, this is not recommended because the City does not have the resources to provide these services and it would impact the ability to deliver the project on time and in a manner that would limit impacts to adjacent properties.

ATTACHMENTS

- 1.) Agreement with NV5
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