TO: CITY COUNCIL
VIA: CITY ADMINISTRATOR
FROM: DIRECTOR OF PUBLIC WORKS
DATE: JULY 23, 2019
SUBJECT: PROFESSIONAL SERVICES AGREEMENT FOR ENGINEERING DESIGN SERVICES FOR FISCAL YEAR 2019-20 RESIDENTIAL SLURRY SEAL AND ARTERIAL ROADWAY REHABILITATION PROJECT NOS. 1001 AND 1002

FISCAL IMPACT: EXPENSE: $ 308,500
BUDGETED: $2,710,000 FY 2019-20 CAPITAL IMPROVEMENT PROGRAM BUDGET

SUMMARY:

On April 4, 2019, the City issued and publicly advertised a Request for Proposal (RFP) for professional engineering design services for the Fiscal Year (FY) 2019-20 Residential Slurry Seal and Arterial Roadway Rehabilitation Projects. These projects will repave approximately 800,000 square feet of arterial streets and will slurry seal more than 2.6 million square feet of residential streets. These projects will also repair and replace damaged curbs, gutters, and sidewalks as well as reconstructing curb ramps to current ADA standards, and installing updated pavement striping and legends, bike lanes, and traffic safety improvements.

Staff received three (3) proposals and after a thorough review, selected NV5, Inc. ("NV5"), based upon their response to the requirements of the RFP, their qualifications, and experience in designing road rehabilitation projects and technical engineering expertise. The agreement with NV5 will provide the City with engineered construction plans, technical specifications, and cost estimates (PS&E) in addition to construction support services. NV5 will complete the design package by Spring 2020, at which time the City will be able to advertise, bid, and construct the project in Summer 2020.

RECOMMENDATION:

It is recommended that City Council take the following actions:

1. Award a Professional Services Agreement for the Engineering Design Services for FY 2019-20 Residential Slurry Seal and Arterial Roadway Rehabilitation Projects with NV5, Inc., for a not-to-exceed amount of $308,500; and

2. Authorize the City Administrator to approve contract change orders up to 10% of the contract not-to-exceed amount or $30,850; and
3. Authorize the City Administrator and/or his designee to execute all the necessary documents, in a form approved by the City Attorney.

**DISCUSSION:**

Staff is currently working on developing a long-term Citywide paving program utilizing recently approved Measure "U" revenues in combination with other funding sources, such as Measure M, "M2" and SB-1 Gas Tax Funding. This project will fill the gap between the City’s current pavement preventative measures and the upcoming pavement rehabilitation program, which will be addressing the remaining pavement backlogs throughout the City. Staff will continue to utilize SB-1 and M2 funding to procure preventative maintenance slurry seal projects and pavement rehabilitation.

On April 4, 2019, the City issued and publicly advertised a Request for Proposal (RFP) for engineering design services for the FY 2019-20 Residential Slurry Seal (Attachment 1) and Arterial Roadway Rehabilitation Projects (Attachment 2). Staff received three (3) competitive proposals from qualified civil engineering firms for engineering design services. The professional services to be delivered require a full-service firm with the ability to deliver a wide range of services including pavement design, ADA-compliant curb ramp design, traffic engineering analysis, geotechnical analysis, and the preparation of engineered improvement plans along with bid documents and technical specifications. Staff conducted a thorough review of the three proposals received and scored them in accordance to the scoring criteria in the RFP.

<table>
<thead>
<tr>
<th>CONSULTANT</th>
<th>TOTAL SCORE</th>
<th>RANKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>NV5, Inc.</td>
<td>282</td>
<td>1</td>
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<tr>
<td>HR Green</td>
<td>268</td>
<td>2</td>
</tr>
<tr>
<td>Civil Works Engineers</td>
<td>253</td>
<td>3</td>
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NV5 ranked first based upon their experience and expertise with similar projects and understanding of the scope and approach of the City’s proposed project. In addition, NV5 has successfully performed similar design work with the City of Placentia in the past. The agreement with NV5 will provide the necessary design services in support of the construction. These services include pavement design and engineering, field inspections, topographic and boundary surveys, geotechnical investigations with a 360 design, covering sidewalks, curb/gutter, signage and ADA compliant curb ramps. NV5 will also prepare the bid package and support services during the construction phase. The scope of services (Attachment 3) also includes a review and collection of the as-built drawings at the completion of each project. NV5 will be able to provide a complete bid package by Spring 2020 with an anticipated construction start date in Summer 2020.

**FISCAL IMPACT:**

The total cost for the professional engineering services amounts to $308,500. This contract covers engineering design services for two projects FY 2019-20 Residential Slurry Seal Project No. 1001 and FY 2019-20 Arterial Roadway Rehabilitation Project No. 1002. Measure M2 and SB-1 Gas Tax revenues totaling $1,325,000 have been budgeted to fund the slurry seal project and the $1,385,000 arterial roadway rehabilitation project is budgeted entirely with Measure U funds for a
grand total of $2,710,000 budgeted for both projects. Both projects will be bid separately for construction. Sufficient funds exist for the recommended actions.

Prepared by:

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Reviewed and approved:

Luis Estevez
Director of Public Works

Reviewed and approved:

Kim Krause
Director of Finance

Reviewed and approved:

Damien R. Arrula
City Administrator

Attachments:
1. Residential Slurry Seal Project Area Map
2. Arterial Roadway Rehabilitation Map
3. Professional Services Agreement with NV5, Inc.