

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Public Works

BOARD AGENDA # \*C-1

Urgent  Routine

AGENDA DATE February 11, 2014

CEO Concurs with Recommendation YES  NO   
(Information Attached)

4/5 Vote Required YES  NO

SUBJECT:

Approval to Amend the Agreement for Professional Design Services with NorthStar Engineering Group, Inc., for the Crows Landing Road at West Main Street Intersection Upgrade Project

STAFF RECOMMENDATIONS:

1. Approve Amendment No. 7 to the Professional Design Services Agreement for all-inclusive engineering services with NorthStar Engineering Group, Inc., in the amount of \$73,623, for a total not to exceed amount of \$379,098.30, for the Crows Landing Road at West Main Street Intersection Upgrade Project.
2. Authorize the Director of Public Works to execute the amendment with NorthStar Engineering Group, Inc., in the amount of \$73,623, and to sign necessary documents.

FISCAL IMPACT:

On July 19, 2011, the Board of Supervisors approved a contract with NorthStar Engineering Group, Inc., for \$277,739.70. The agenda item authorized the Director of Public Works to execute amendments up to 10% of the total contract amount. To date amendments one through six have been executed in the amount of \$27,735.60. The requested Amendment 7 for \$73,623 brings the total contract amount to \$379,098.30.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2014-52

On motion of Supervisor O'Brien, Seconded by Supervisor Chiesa

and approved by the following vote,

Ayes: Supervisors: O'Brien, Chiesa, Withrow, Monteith, and Chairman De Martini

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

4) \_\_\_\_\_ Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval to Amend the Agreement for Professional Design Services with NorthStar Engineering Group, Inc., for the Crows Landing Road at West Main Street Intersection Upgrade Project

**FISCAL IMPACT (continued):**

The Crows Landing Road at West Main Street Intersection Upgrade Project is funded with Congestion Mitigation Air Quality (CMAQ) funds in the amount of \$350,000. Funding is available in Public Works Road and Bridge fund balance to cover the remaining costs associated with design phase of this project. The requested amendment increases the current agreement by \$73,623, for a total not to exceed amount of \$379,098.30. Funding is available in the Fiscal Year 2013-2014 Road Projects budget.

**DISCUSSION:**

The Crows Landing Road at West Main Street Intersection project is located at a heavily used intersection with several businesses directly impacted by the project. As the project design has progressed, discussions and negotiations were held with business owners that would be impacted. Consequently, the County has made several design modifications in order to mitigate damages this project would have imposed on businesses and properties. Due to these changes, and several additional environmental studies imposed by Caltrans, the design phase of the project experienced additional costs.

During the design, it was discovered that several existing Turlock Irrigation District (TID) and AT&T utility poles would not meet clear recovery zone standards unless they were relocated. A clear recovery zone is a safety standard that states there shall be no obstructions within 10 feet of the proposed edge of the travel way. It was also determined that the County did not have sufficient right of way (ROW) available in order to relocate utilities to provide a clear recovery zone. Several alternatives were evaluated to address the power poles not meeting clear recovery zone standards. It was determined that the most efficient and least costly way to deal with this issue is to acquire the ultimate ROW thus providing enough room for the utility companies to relocate their utility poles.

Amendment No. 7 includes additional environmental, ROW acquisition work, and construction staking. Below is a breakdown of the costs associated with Amendment No. 7:

DESCRIPTION	AMOUNT
Additional right of way acquisition costs:	\$27,738
Additional environmental costs:	\$ 6,992
Additional design costs:	\$ 4,577
Construction staking costs:	\$34,316
<b>TOTAL</b>	<b>\$73,623</b>

Approval to Amend the Agreement for Professional Design Services with NorthStar Engineering Group, Inc., for the Crows Landing Road at West Main Street Intersection Upgrade Project

The proposed design revisions that contributed to the costs associated with Amendment No. 7 will not only enhance the project design but will also greatly improve public safety by providing a proper, clear recovery zone within the project limits.

Project design is currently 90 percent complete. Approval of Amendment No. 7 will allow Public Works to complete the ROW acquisitions and the relocation of the affected utilities.

**POLICY ISSUES:**

This project meets the Board's priorities of providing A Safe Community, A Healthy Community, and A Well-Planned Infrastructure System by improving intersection safety and reducing greenhouse gas emissions by improving traffic flow at the intersection.

**STAFFING IMPACT:**

There is no staffing impact associated with this item.

**CONTACT PERSON:**

Matt Machado, Public Works Director. Telephone: (209) 525-4130.

DB/sn  
L:\ROADS\9729 - Crows Landing Rd at West Main Ave TS\Design\Board\9729-BOS Item\_Apvl to Amnd Agmnt\_Crows Landing Rd Int Upg\_for DBazyuk\_pgs2-3

AMENDMENT NO. 7  
Professional Design Services Agreement between  
County of Stanislaus and North Star Engineering Group, Inc.

Crows Landing Road at West Main Street Intersection Upgrade Project  
Contract #9729

This Amendment is made and entered into this 11th day of February, 2014, in the City of Modesto, State of California, by and between the County of Stanislaus ("County") and North Star Engineering Group, Inc., ("Consultant"), for and in consideration of the promises, and the mutual promises, covenants, terms, and conditions, hereinafter contained.

WHEREAS, on July 19, 2011, the Stanislaus County Board of Supervisors awarded a Professional Design Services Agreement ("Agreement") to Consultant, in the amount of \$277,739.70, for the Crows Landing Road at West Main Street Intersection Upgrade Project;

WHEREAS, there is a need for additional services, in the amount of \$73,623, as shown in Exhibit "A" dated January 15, 2014; and,

WHEREAS, an increase in the maximum amount of the Agreement is necessary to cover additional work as stated in Exhibit "A", attached hereto and made a part of this Amendment.

\$277,739.70	Original Agreement
<u>+\$12,000.00</u>	<i>Amendment No. 1</i>
\$289,739.70	Revised
<u>(-\$6,094.40)</u>	<i>Amendment No. 2</i>
\$283,645.30	Revised
<u>(-\$12,000.00)</u>	<i>Amendment No. 2-A – Correction</i>
\$271,645.30	Revised
<u>+\$1,650.00</u>	<i>Amendment No. 3</i>
\$273,295.30	Revised
<u>\$12,200.00</u>	<i>Amendment No. 4</i>
\$285,495.30	Revised
<u>\$13,900.00</u>	<i>Amendment No. 5</i>
\$299,395.30	Revised
<u>\$6,080.00</u>	<i>Amendment No. 6</i>
\$305,475.30	Revised
<u>\$73,623.00</u>	<i>Amendment No. 7</i>
<b>\$379,098.30</b>	<b>Revised</b>

NOW THEREFORE, the parties agree as follows:


- Section 1.1 Scope of Services is amended to include additional services as shown in Exhibit "A" attached hereto and made a part of this Amendment.
- Section 2.1 Compensation is amended to include additional fees of \$73,623 as shown in Exhibit "A" attached hereto and made a part of this Amendment. Consultant's compensation shall in no case exceed Three Hundred Seventy-Nine Thousand Ninety-Eight 30/100 Dollars (\$379,098.30).

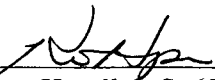
(SIGNATURES ON FOLLOWING PAGE)

IN WITNESS WHEREOF, the parties have executed this Seventh Amendment effective on the date written above.


COUNTY OF STANISLAUS

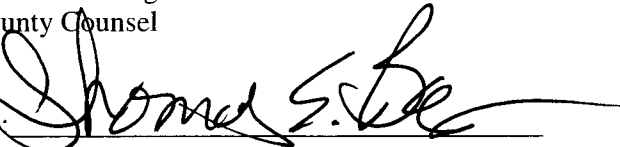
NORTH STAR ENGINEERING GROUP, INC.

By:   
Matt Machado, Director  
Department of Public Works

By:   
Kent Hysell, L.S. 6953  
Principal

APPROVED AS TO FORM  
John P. Doering  
County Counsel

By:   
Brian Jones, L.S. 7088  
Principal

By:   
Thomas E. Boze  
Deputy County Counsel

**CONTRACT AMENDMENT NO. 7  
CROWS LANDING ROAD AT WEST MAIN STREET  
INTERSECTION UPGRADE  
FEDERAL PROJECT NO. 5938(180)  
JANUARY 15, 2014**

**Task 4.2 – Right-of-Way Mapping Services**

Increase Scope of Work to prepare four (4) revised Legal Descriptions and Plats and create two (2) additional Legal Descriptions and Plats. Update Right-of-Way Mapping Exhibits package to be utilized by for Right-of-Way Appraiser, Appraisal Reviewer, and Acquisition Specialist to prepare Acquisition Documents and negotiations with Land Owners. Field Surveying to stake and flag proposed new right-of-ways and temporary construction easements as required for Appraiser's review of Field Conditions.

**LUMP SUM - \$7,040.00**

**Task 5.4d – Initial Site Assessment (ISA)**

Prepare additional Phase 1 Environmental Assessment for new Right-of-Way acquisition areas. (Please see attached Scope of Work Addendum, Tasks 1 - 4)

**LUMP SUM - \$5,500.00**

**Task 5.12 – Additional Caltrans Technical Studies (Optional)**

Prepare additional Caltrans Technical Study amendments, as requested by DLAE, to assist with processing the revised environmental documents.

**LUMP SUM - \$6,080.00**

**Task 8.3d – Improvement Plan Revisions for Revised Right-of-Way**

Prepare Improvement Plan revisions to current 90% plans to revise roadside swales, driveways, storm drainage, and culvert crossings for revised Right-of-Way areas. The intent of the revisions is to provide enhanced roadside treatments with the availability of increased right-of-way widths.

**LUMP SUM - \$3,980.00**

**Task 9.1 – Real Property Appraiser**

Increase Scope of Work to provide four (4) revised Appraisal Reports.

**LUMP SUM - \$6,610.00**

**Task 9.2 – Review Appraiser**

Increase Scope of Work to provide three (3) revised Appraisal Review Reports and provide one (1) new Appraisal Review Report.

**LUMP SUM – \$4,970.00**

## **Task 12 – Construction Staking**

- 12.1 Horizontal and Vertical Control – Verify horizontal and vertical control points as established during the design phase and shown on the Improvement Plans.

**LUMP SUM - \$1,440.00**

- 12.2 Survey Calculations and Field Notes – Calculate horizontal alignment and vertical profile for the proposed improvements, in accordance with the Contract Drawings. Calculate survey offset positions and grades. Prepare field staking notes and cut sheets. This scope and fee is based on the condition that the Owner will provide electronic drawings in AutoCAD format.

**LUMP SUM - \$6,800.00**

- 12.3 Demolition Limits – Stake saw-cut lines and grinding limit lines for removal of sections identified on Demolition Sheets. Offset stakes will be set on 100 foot stations along saw-cut lines. Provide one (1) set of stakes on 100 foot stations along the right-of-way for clearing limits.

**LUMP SUM - \$2,160.00**

12.4 Rough Grade

- a. Provide one (1) set of line and grade offset stakes or slope stakes on 50 foot intervals for the edge of the roadway including the proposed ditches. Stakes will include offset distance and cut/fill to ditch, finish grade for the edge of pavement, grade breaks, and centerline.
- b. Provide one (1) set of line and grade offset stakes for traffic islands. Provide cut/fill to top of curb on each offset.

**LUMP SUM - \$5,760.00**

12.5 Storm Drain

- a. Provide one (1) set of line and grade offset stakes on 50 foot intervals for storm drain piping with additional offsets at manholes, catch basins, inlets, and outlets. Provide cut to invert and cut/fill to rim on each offset.
- b. Provide one (1) set of line and grade offset stakes for culvert pipes. Provide cut to invert on each offset.

**LUMP SUM - \$2,160.00**

12.6 Storm Drain Pump Station

- a. Provide one (1) set of line and grade offset stakes for pump station pad and enclosure. Provide cut/fill to finish grade on each offset.
- b. Provide one (1) set of line and grade offset stakes for the pump well and wet well. Provide cut/fill to top and bottom of wells on each offset.
- c. Provide one (1) set of line and grade offset stakes for the concrete pad and edge of pavement including fence. Provide cut/fill to finish grade on each offset.

**LUMP SUM - \$1,440.00**

12.7 Traffic Signals

- a. Provide center point and two (2) line and grade offset stakes for signal bases. Provide cut/fill to finish grade on each offset.
- b. Provide one (1) set of line and grade offset stakes for controller pad. Provide cut/fill to finish grade on each offset.

**LUMP SUM - \$1,440.00**

12.8 Finish Grade

- a. Provide one (1) set of line and grade offset stakes on 50 foot intervals for the edge of pavement or curb and gutter for the roadway with additional offsets at handicap ramps, driveways, angle points, points of curvature, radius points, and grade breaks. Provide cut/fill to finish grade on each offset. Provide a reference to the centerline or crown of the roadway on each of the stakes.
- b. Provide one (1) set of line and grade offset stakes for traffic islands. Provide cut/fill to top of curb on each offset.
- c. Provide one (1) set of line and grade offset stakes for the valley gutter on 50 foot stations. Provide cut/fill to flowline valley gutter on each offset.

**LUMP SUM - \$6,480.00**

12.9 Fencing

- a. Provide one (1) set of stakes on 100 foot intervals along the centerline of fence with additional offsets at angle points.

**LUMP SUM - \$1,440.00**

12.10 Monument Preservation – (Includes one monument)

- a. Prior to construction, conduct records research to identify the horizontal and vertical control monuments within the area to be disturbed by construction. Locate the existing monuments and set reference ties under the direction of a licensed Land Surveyor prior to construction.
- b. Prior to construction, prepare Corner Records for the existing monuments and file with the County Surveyor based on survey and swing ties.
- c. At the completion of construction, reset swing ties at the new roadway surface for Contractor's use in raising or setting monument wells.
- d. File post construction Corner Records with the County Surveyor for all the monuments reset.

**LUMP SUM - \$720.00**

**LUMP SUM TOTAL – TASK 12 - \$29,840.00**

**Note: The above costs are based on the project being constructed in 4 Phases**



**Task 13 – Contingency**

Project Contingency is based on 15% of this Contract Amendment. Contingency Items include unanticipated tasks and restaking services if required.

**LUMP SUM - \$9,603.00**

**EXCLUSIONS:**

1. Contract exclusions apply to this Contract Amendment.
2. Re-staking or additional services, as requested by the Client.
3. Attendance of project construction staking meetings, as requested by the Client.
4. As-Built Survey/Preparation of Record Drawings.