

**SUBMITTAL TO THE BOARD OF SUPERVISORS
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

933A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
 June 6, 2013

SUBJECT: Amendment Number 1 to the Engineering Services Agreement between the County of Riverside (County) and CNS Engineers, Inc. for the Countywide Bridge Program

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the Amendment Number 1 to the Engineering Services Agreement between the County and CNS Engineers, Inc.; and
2. Authorize the Chairman of the Board of Supervisors to execute the same.

BACKGROUND: The County owns and operates 112 bridges connecting the 2,147 miles of the County maintained road system. It is critically important that the County assesses the

Juan C. Perez
 Director of Transportation and Land Management

(Continued On Attached Pages)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 250,000	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2013/2014
SOURCE OF FUNDS: Gas Tax, Measure A, TUMF Fees, RBBB Fees, Developer Fees, Permit Fees, and others (% varies). There are no General Funds used in this project.				Positions To Be Deleted Per A-30 <input type="checkbox"/> Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE
 BY: *Tina Grandt*
 Tina Grandt

County Executive Office Signature

Dept't Recomm.: Policy Consent
 Per Exec. Ofc.: Policy Consent

Prev. Agn. Ref. 4/12/2011 3.21 | District: All | Agenda Number:

3-38

The Honorable Board of Supervisors

RE: Amendment Number 1 to Engineering Services Agreement between the County of Riverside (County) and CNS Engineers, Inc. for the Countywide Bridge Program

June 6, 2013

Page 2

condition of its bridges and roads for safety and functionality on a regular basis. On April 12, 2011, the Board of Supervisors executed an agreement with CNS Engineers, Inc. to assist the County staff in developing and implementing a Countywide Bridge Program. The Bridge Program provides for a systematic and uniform approach of developing bridge projects, post earthquake bridge inspections, and most importantly, sustaining the existing bridge inventory by implementing a Bridge/Asset Management Program to preserve and prolong the service life of the existing bridges.

After more than two years of intensive data collection, engineering studies, and reconciliation of County bridge assets, several milestones have been successfully completed:

- A GIS linked County bridge database including bridge as-built plans, inspection reports, and prioritized maintenance work recommendations is now 60% complete.
- Six structurally deficient County bridges, which are categorized as first priority, have been programmed in the 2013 SCAG-FTIP for total replacement with Federal Highway Bridge Program (HBP) funds. Preliminary engineering and environmental documentation will begin this year.
- Thirty-one bridges have been programmed for HBP Bridge Preventive Maintenance Program (BPMP) funds in the amount of \$2.8 million.
- Federal Highway Administration (FHWA) funding applications for one bridge replacement and two major bridge rehabilitation projects at an estimated cost of \$17,560,000 were completed and are pending FHWA approval.
- An Earthquake Response Manual for post earthquake bridge inspection has been developed. Seventy-one Transportation Department employees including engineers, construction inspectors, and Highway Operations staff members have been trained for Level 1 Bridge Inspection after a major seismic event. Forty-five of these staff members have completed the first three phases of a four-phase, hands-on field training. The fourth and final phase, which is a response evaluation workshop, is scheduled for the summer of 2013.
- Funding applications for two major Santa Ana River bridges on Market Street and Hamner Avenue were prepared. The estimated total cost to replace these bridges is \$97,239,000, and \$4,620,000 in HBP funds have been authorized by FHWA for the development of preliminary engineering and environmental documentation.

The work is continuing on the development and the implementation of the bridge database, earthquake emergency response, and preparation of funding applications. The Consultant will continue to assist in design and constructability reviews of submittals for major bridge projects through on-call assignments. The existing Engineering Services Agreement between the County and CNS Engineers, Inc. expires on June 30, 2013. The original agreement allows the agreement term to be extended in one-year increments, up to a total of two years with Board authorization. Amendment No. 1 will extend the Agreement by one year to expire on June 30, 2014. The contract provides for on-call services for project development and the continuing development of the County Bridge Program for a not-to-exceed amount of \$250,000.

Project No.: C0-0527

AMENDMENT 1

AMENDMENT TO ENGINEERING SERVICES AGREEMENT BETWEEN

THE COUNTY OF RIVERSIDE AND CNS ENGINEERS, INC.

FOR THE COUNTY WIDE BRIDGE PROGRAM

THIS AMENDMENT 1 (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2013, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and CNS Engineers, Inc. (hereinafter "ENGINEER").

RECITALS

A. COUNTY and ENGINEER have entered in an agreement entitled " Engineering Services Agreement – The County Wide Bridge Program between County of Riverside Transportation Department and CNS Engineers, Inc." that is dated April 12, 2011 (hereinafter the "Agreement"). The agreement provides the terms, conditions, and the scope of the engineering services to be provided in assisting the County Bridge Engineer (COUNTY PROJECT MANAGER) to implement the County Wide Bridge Program. The core of the County Wide Bridge Program is the Bridge/Asset Management Program to maintain and prolong the service life of the existing bridges in order to achieve a sustainable bridge inventory with the optimum use of available funds. Other important Program features include:

1. Developing and implementing the guidelines, office and field procedures for earthquake preparedness to maintain, and when necessary, to restore the transportation network within the County jurisdiction back to operation following significant seismic events.
2. Developing a GIS based mapping of County bridges providing permit load restrictions, pending bridge maintenance recommendations, and storing other pertinent bridge records (as-built plans, inspection reports, etc.) for quick and easy access.
3. Updating, maintaining, and enforcing the County Bridge Design Criteria, Electronic Procedures, and Structural Detailing Standards as it supplements the guidelines and procedures put in place by the State Department of Transportation (CALTRANS) for bridge design, inspection, and maintenance in the State of California.
4. Conducting a Type Selection Process for every bridge proposed on County maintained roadway system (This task is an On-Call Engineering Service on an as needed basis).
5. Reviewing bridge planning studies as well as all progress submittals for bridge Plans, Specifications,

1 and Estimates (PS&E) prepared as part of various Development and Capital Improvement projects
2 for compliance with guidelines, constructability, and Quality Assurance (This task is an On-Call
3 Engineering Service on an as needed basis).

4 B. The current Agreement expires on June 30, 2013. The "Appendix B, Article BI Introduction" of the Agreement
5 allows the Agreement term to be extended in 1 (one) year increments up to a total of two years with Board
6 authorization. The parties desire to amend the current Agreement to extend the expiration date of the
7 agreement by 1 (one) year in order to continue with the implementation of the County Wide Bridge Program
8 tasks as well as the design engineering and PS&E review support on Development and Capital Improvement
9 projects in progress.

10 **AGREEMENT**

11 NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows:


- 12 1. The existing Engineering Services Agreement expires on June 30, 2013. Appendix B introductory paragraph
13 is modified to reflect that the Agreement term shall be extended by one year effective June 30, 2013. All
14 covenants set forth in the amended Agreement shall be completed by June 30, 2014 date unless extended by
15 another supplemental agreement.
- 16 2. Except to the extent specifically modified or amended hereunder, all of the terms, covenants and conditions of
17 the Agreement shall remain in full force and effect between the parties hereto.

18 IN WITNESS HEREOF, the parties hereto have caused this Supplement to the Agreement to be duly executed
19 this day and year first written above.

1 **APPROVALS**

2 **COUNTY** Approvals

3 RECOMMENDED FOR APPROVAL:

4
5  Dated: 6/6/13

6
7 JUAN C. PEREZ

8 Director of Transportation and Land Management

9
10 APPROVED AS TO FORM:

11 PAMELA J. WALLS

12
13  Dated: 6/11/13

14
15 Deputy County Counsel

16
17 APPROVAL BY THE BOARD OF SUPERVISORS

18
19
20 _____ Dated: _____

21 PRINTED NAME

22 Chairman, Riverside County Board of Supervisors

23
24 ATTEST:

25
26
27 _____ Dated: _____

28 KECIA HARPER-IHEM

29 Clerk of the Board of Supervisors (SEAL)

ENGINEER Approvals

ENGINEER:

 Dated: 5/21/13

James J. Lu, PE, SE

PRINTED NAME

President

TITLE

ENGINEER:

 Dated: 5/21/13

Hui-Min Huang, CPA

PRINTED NAME

Treasurer

TITLE