

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS

County of Placer

TO: BOARD OF SUPERVISORS

DATE: April 12, 2011

FROM: ^{KD} KEN GREHM / PETER KRAATZ

SUBJECT: **APPROVAL OF PROFESSIONAL SERVICES AGREEMENT NO. 1011, AMENDMENT NO. 2, FOR THE KINGS BEACH WATERSHED IMPROVEMENT PROJECT**

ACTION REQUESTED / RECOMMENDATION

Adopt a Resolution authorizing the Chairman to sign Professional Services Agreement (PSA) No. 1011, Amendment No. 2, with the consultant Cardno Entrix, Inc. (formerly Entrix, Inc.), in the amount of \$252,300 bringing the total contract amount to \$2,252,572 for designing the next phase of the Kings Beach Watershed Improvement Project; and authorizing the Director of Public Works, or his designee, to approve and sign future amendments up to \$25,230.

BACKGROUND / SUMMARY

The Kings Beach Watershed Improvement Project is located in the unincorporated community of Kings Beach along the north shore of Lake Tahoe (see attached location map, Exhibit B). Proposed improvements include revegetating the existing roadway shoulders, installation of asphalt dikes, trench drains and culverts to convey storm water runoff, and installation of sediment removal/infiltration structures to provide treatment of storm water runoff.

The original Request for Proposal (RFP) for the project included all work to plan and design water quality improvements within the Kings Beach watershed, but that the work plan would be undertaken in phases to address available funding and to determine final design parameters that would not be known until all stakeholders analyzed, discussed and agreed to the preliminary work done in earlier phases.

Amendment No. 2 is to design a portion of the residential area (east Kings Beach along lower Chipmunk Ave.) currently designed at the 50 percent level and that is proposed to be advanced to the 100 percent level to match the adjacent commercial core area designed at 100 percent. This effort will allow the design of the Highway 28 drainage infrastructure to occur on schedule as related to the Kings Beach Commercial Core Improvement that is being performed under separate contract.

On March 15, 2005, Public Works issued a request for proposal (RFP) to prequalified consultants (RFP9269) to assist with the design, environmental analysis and permitting of the water quality improvements for Kings Beach. Five consultants responded to the RFP, and Entrix was determined to be the best qualified. On May 22, 2007, the Board of Supervisors approved PSA No. 1011 with Entrix, Inc., for \$532,772 and \$54,000 contingency for providing the services that specifically included the design for improving existing roadside drainage facilities and providing treatment for storm water runoff within the project limits. At the time of awarding the project, funding was only available to take the project through the preliminary design (25% level) and environmental analysis phases. The PSA was also written to be performance-based with additional project work phases awarded to the consultant subject to the satisfaction of Public Works and our assessment of the consultant's quality of work.

On September 9, 2008, the Board of Supervisors approved Amendment No. 1 for \$1,285,000 and \$128,500 contingency so that Entrix, Inc., could complete the original tasks cited in PSA No. 1011 to the satisfaction of Public Works; and as stated in PSA 1011 and summarized above, the County had the option to retain the consultant for the next phase of the project. Amendment No 1 advanced the preliminary design developed in PSA No. 1011 to a greater level of design for the entire Kings Beach project area. It also involved updating the overall watershed model (SWMM) concurrently with advancing the water quality design. Entrix's continued involvement in this phase of the project was

critical for the continuity and efficiency in design of the overall drainage system and water quality improvements. Overall, the water quality design was advanced to the 50 percent and 100 percent levels for residential and commercial core areas respectively, resulting in having the project ready for construction as early as 2012.

The project is identified in the Tahoe Regional Planning Agency's (TRPA's) Environmental Improvement Program (EIP) as Project EIP No. 10600 with the goal of meeting the EIP water quality threshold for this portion of the County through improving the quality of storm water runoff that will thereby protect Lake Tahoe's famed water quality and clarity.

ENVIRONMENTAL

The professional services agreement is exempt from CEQA, pursuant to CEQA Guidelines, Section 15306, Information Collection, Class 6 provisions pertaining to data collection, research, and resource evaluation. For the project itself, the County has an approved Mitigated Negative Declaration (MND) pursuant to the requirements for CEQA and the Placer County Environmental Review Ordinance.

FISCAL IMPACT

The total project cost of the Kings Beach Watershed Improvement Project is estimated to be \$33,000,000 with construction costs estimated at \$29,000,000. With this amendment, the total cost of this PSA with Cardno Entrix, Inc., is \$2,252,572. The project is fully funded through erosion control grants from the United States Forest Service and California Tahoe Conservancy. Funding for this amendment is included in the Department's 2010-11 and proposed 2011-12 Fiscal Year Budgets.

Attachments:
Resolution
Location Map

A copy of PSA No. 1011, Amendment No. 2 is on file for review with the Clerk of the Board of Supervisors.

**Before the Board of Supervisors
County of Placer, State of California**

In the matter of: A RESOLUTION APPROVING
AND AUTHORIZING THE CHAIRMAN TO SIGN
PROFESSIONAL SERVICES AGREEMENT NO.
1011, AMENDMENT NO. 2 WITH CARDNO
ENTRIX, INC., FOR THE KINGS BEACH
WATERSHED IMPROVEMENT PROJECT

Resol. No:.....

Ord. No:.....

First Reading:.....

The following RESOLUTION was duly passed by the Board of Supervisors
of the County of Placer at a regular meeting held September 9, 2008,
by the following vote on roll call:

Ayes:

Noes:

Absent:

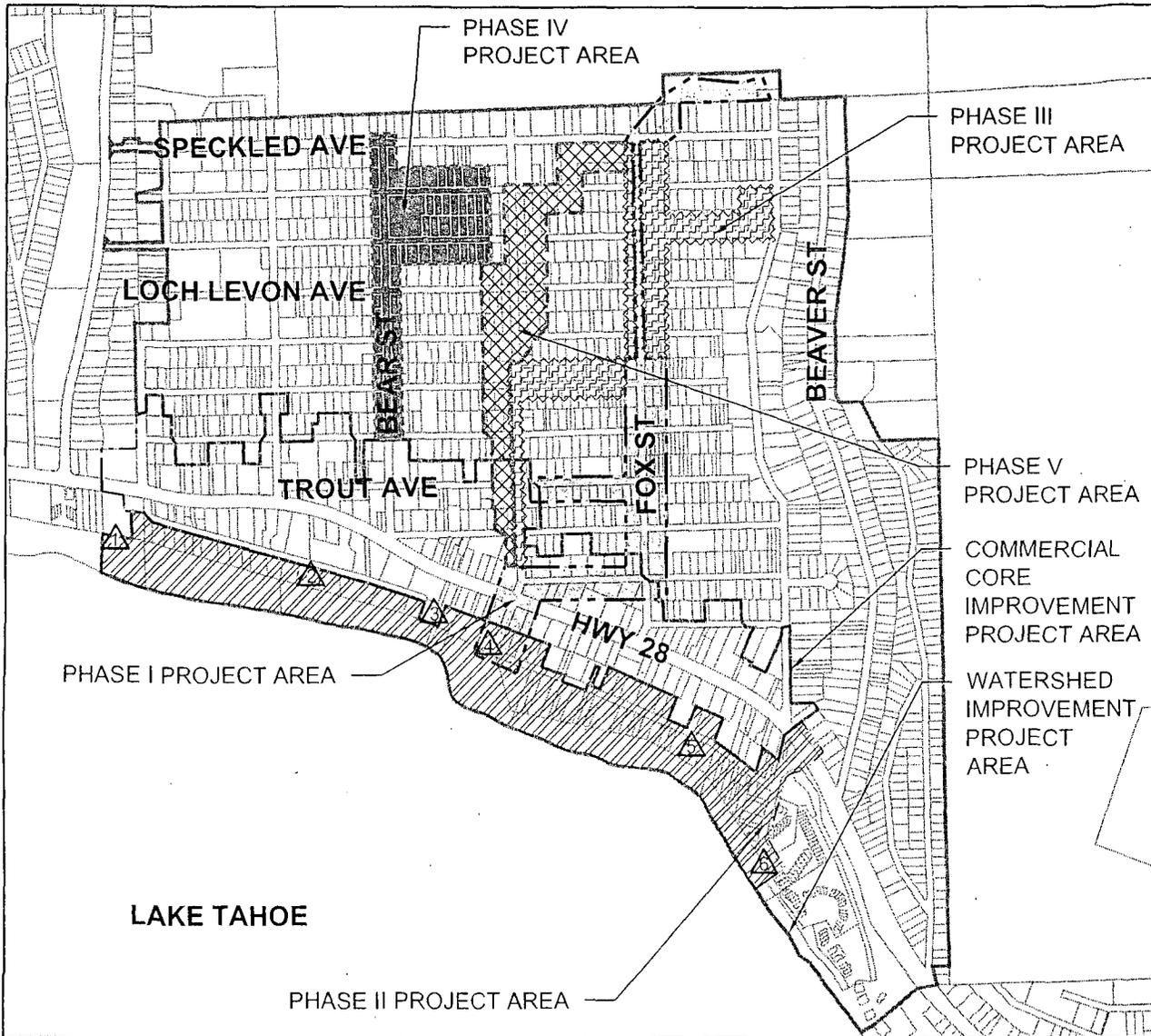
Signed and approved by me after its passage.

Chairman, Board Of Supervisors

Attest:
Clerk of said Board

BE IT HEREBY RESOLVED by the Board of Supervisors of the County of Placer, State
of California, that this Board approves and authorizes the Chairman to sign Professional
Services Agreement No. 1011, Amendment No. 2 with Cardno Entrix, Inc., for the
continued design of the Kings Beach Watershed Improvement Project in the amount of
\$252,300 and authorizes the Director of the Department of Public Works, or his
designee, to sign future amendments up to \$25,230.

KINGS BEACH, PLACER COUNTY, CA



LEGEND

-  PHASE I - FOX CLEAN WATER PIPE
-  PHASE II - OUTFALL AND LOWER CHIPMUNK
-  PHASE III - COON CLEAN WATER & UPPER FOX
-  PHASE IV - BEAR WATERSHED IMPROVEMENTS
-  PHASE V - COON STREET SEZ
-  OUTFALL LOCATIONS



SCALE: 1" = 1000'



PLACER COUNTY
DEPARTMENT OF PUBLIC WORKS

KINGS BEACH WATERSHED IMPROVEMENT PROJECT

PROJECT MAP

FIGURE

1

DATE: 02/10

PROJECT NO.: 3128705

BY: CMD

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