

**EL DORADO COUNTY BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL  
Meeting of December 12, 2006**

**AGENDA TITLE:** Iteris, Inc. Agreement for Services, AGMT 06-1281

**DEPARTMENT:** Transportation

**DEPT SIGNOFF:**

**CAO USE ONLY:**

**CONTACT:** Russell Nygaard *R. Nygaard*

**DATE:** 11/27/2006

**PHONE:** 3550

**DEPARTMENT SUMMARY AND REQUESTED BOARD ACTION:**

The Department of Transportation recommends that the Board of Supervisors 1) Make findings pursuant to Article II, section 210 b (6) of the El Dorado County Charter that there are specialty skills required for the work performed under this Agreement that are not expressly identified in County classifications, and that the development of this program under this Agreement is not sufficient to warrant the addition of permanent staff; and, 2) Approve and authorize the Chairman to sign AGMT 06-1281 with Iteris Incorporated for the development of an Intelligent Transportation System (ITS) Master Plan, for a not-to-exceed amount of \$100,000, subject to approval of County Counsel and Risk Management; and 3) Authorize the Chairman to sign the attached Budget Transfer.

**CAO RECOMMENDATIONS:**

*Recommend approval. Lauren A. Gill 12/6/06*

Financial impact?  Yes ( ) No

Funding Source: ( ) Gen Fund  Other

**BUDGET SUMMARY:**

Other: EDCTC Grant

Total Est. Cost	\$100,000.00
<b>Funding</b>	
Budgeted	
New Funding	\$100,000.00
Savings	
Other	
Total Funding	\$100,000.00
<b>Change in Net County Cost</b>	0.00

**CAO Office Use Only:**

4/5's Vote Required  Yes  No  
 Change in Policy ( ) Yes  No  
 New Personnel ( ) Yes  No

**CONCURRENCES:**

Risk Management PENDING  
 County Counsel PENDING  
 Other \_\_\_\_\_

**\*Explain**

**BOARD ACTIONS:**

**Vote:** Unanimous \_\_\_\_\_ Or

**Ayes:**

**Noes:**

**Abstentions:**

**Absent:**

Rev. 04/05

**I hereby certify that this is a true and correct copy of an action taken and entered into the minutes of the Board of Supervisors**

**Date:** \_\_\_\_\_

**Attest:** Cindy Keck, Board of Supervisors Clerk

**By:** \_\_\_\_\_

# COUNTY OF EL DORADO

# DEPARTMENT OF TRANSPORTATION



**FOOTHILLS DIVISION:**  
4950 Hillsdale Circle  
El Dorado Hills CA 95762  
Phone: (916) 358-3550  
Fax: (916) 941-8910

**RICHARD W. SHEPARD, P.E.**  
Director of Transportation  
  
Internet Web Site:  
<http://co.el-dorado.ca.us/dot>

**MAIN OFFICE:**  
2850 Fairlane Court  
Placerville CA 95667  
Phone: (530) 621-5900  
Fax: (530) 626-0387



November 20 2006

Board of Supervisors  
330 Fair Lane  
Placerville, California 95667

**Title:** Iteris, Incorporated. - Agreement for Development of Intelligent Transportation System (ITS) Master Plan for El Dorado County, AGMT # 06-1281

**Meeting Date:** December 12, 2006

**District/Supervisor:** All Districts

Dear Members of the Board:

## **Recommendations:**

The Department of Transportation recommends that the Board of Supervisors:

- 1) Make findings pursuant to Article II, section 210 b (6) of the El Dorado County Charter that there are specialty skills required for the work performed under this Agreement that are not expressly identified in County classifications, and that the development of this program under this Agreement is not sufficient to warrant the addition of permanent staff; and,
- 2) Approve and authorize the Chairman to sign AGMT 06-1281 with Iteris Incorporated for the development of an Intelligent Transportation System (ITS) Master Plan, for a not-to-exceed amount of \$100,000, subject to approval and minor modifications by County Counsel and Risk Management, and,
- 3) Authorize the Chairman to sign the attached Budget Transfer.

## **Reasons for Recommendations:**

The Department of Transportation proposes to enter into this Agreement with Iteris Incorporated. Under this Agreement Iteris will perform all professional and technical services, work, and tasks required to accomplish the objectives and shall provide and make available Consultant's own personnel, materials and subconsultants necessary to develop an Intelligent Transportation System (ITS) Master Plan for El Dorado County.

The ITS Master Plan will establish guidelines, policies and implementation procedures for traffic operations in El Dorado County based on current and future traffic growth. The Plan will develop a vision by identifying the technical tools such as smart signal controllers, smart vehicle detectors, CCTV's, Changeable message signs, etc. that can be utilized in creating efficient traffic operations to manage local and regional traffic. This Plan is not only a means for

determining traffic needs, but is also utilized for managing incidents, major catastrophes, or emergency evacuation for the region.

The development of this Master Plan qualifies El Dorado County for federal and state funding allocated for implementation of ITS projects in this region. The Master Plan will include an existing system inventory evaluation, assessment of needs, creating a plan for ITS project deployment, and developing funding strategies. Utilization of ITS components as enhancements to roadway networks has been proven to decrease congestion and improve traffic flow through busy corridors. Implementation of ITS strategies can help to improve level of service along corridors without adding lanes. Regionally, the ability for the traveling public to obtain and react to roadway condition information will also be improved.

Iteris, Incorporated has been selected for this contract based on a competitive selection process. A Request for Proposal (RFP) soliciting proposals for the ITS Master plan was advertised and sent to various firms. Four firms were selected to be interviewed by a panel consisting of members from El Dorado County DOT, Sacramento County DOT, and El Dorado County Transportation Commission. Iteris was selected to be the best firm for this job based on their experience creating similar ITS Master Plans and familiarity of El Dorado County's unique mix of rural and urban areas and related traffic issues.

El Dorado County Transportation Commission is funding the creation of the ITS Master Plan through a grant; requiring the Agreement be approved and signed in December 2006, allowing six (6) months for the completion of the plan.

**Fiscal Impact:**

Funding for the subject Agreement in the amount of \$100,000 will be provided through an El Dorado County Transportation Commission grant. A budget transfer increasing appropriations in professional services and revenues for \$100,000 is attached.


**Net County Cost:**

There is no cost to the County General Fund.

**Actions to be Taken Following Approval:**

1. The Board Chairman will sign two originals of Agreement for Services # AGMT 06-1281 with Iteris, Incorporated.
2. The Board Clerk will forward one original of the fully executed Agreement to the Department for further processing.
3. The Board Chairman will sign the attached Budget Transfer increasing appropriations and revenues.

Sincerely,



Richard W. Shepard, P.E.  
Director of Transportation

Contract #: **AGMT 06-1281**  
Agenda Log #2273

Agreement to Develop ITS Master Plan

**EXPEDITED REVIEW REQUESTED**

**CONTRACT ROUTING SHEET**

**PROCESSING DEPARTMENT:**

Department: Transportation  
Dept. Contact: Tim Prudhel  
Phone: x5974  
Department Head  
Signature: *T. Prudhel* 11-17-06  
Tim G. Prudhel  
Contract Services Officer

**CONTRACTOR:**

Name: Iteris, Inc.  
Address: 1515 S. Manchester Avenue  
Anaheim, CA 92802  
Phone: 714-780-7109

**CONTRACTING DEPARTMENT:** Transportation

Compliance with Human Resources requirements? Yes: X No:         
Compliance verified by: Contract Notification Sent 11/13/06 - HR response received 11/17/06;  
OK per Matthew Bain.

**COUNTY COUNSEL:** (must approve all contracts and MOUs)

Approved:        Disapproved:        Date:        By:         
Approved:        Disapproved:        Date:        By:       

**EXPEDITED  
REVIEW  
REQUESTED**

**Please forward to Risk Management upon approval.**

Infax Code: <u>306500</u>	User Code: <u>25000A</u>
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**RISK MANAGEMENT:** (All contracts and MOUs except boilerplate grant funding agreements)

Approved:        Disapproved:        Date:        By:         
Approved:        Disapproved:        Date:        By:       

**OTHER APPROVAL** (Specify department(s) participating or directly affected by this contract).

Department(s):         
Approved:        Disapproved:        Date:        By:         
Approved:        Disapproved:        Date:        By:

AUDITOR / CONTROLLER'S USE	
TRANSFER #	27098
DATE	
CODE BY	

EL DORADO COUNTY APPROPRIATION TRANSFER (29130 GOV. CODE)  
**BUDGET TRANSFER REQUEST # 1**

TO BE COMPLETED BY THE DEPARTMENT	
DOCUMENT TOTAL	200,000.00
NUMBER OF LINES	2
TRANSACTION CODE TOTAL *	013

*Transportation*  
 DEPARTMENT OR AGENCY NAME  
 BOS - 12/12/06  
 Title - Iteris, Inc. Agreement for Services # 06-1281

11-22-06  
 DATE

*Ruth Young* X5934  
 DEPARTMENT AUTHORIZATION SIGNATURE AND PHONE NUMBER

COMPLETE THE INFORMATION BELOW, WITH JUSTIFICATION NARRATIVE OR ATTACH A MEMO.  
 REMOVE THE GOLD COPY AND SUBMIT COMPLETED REQUEST TO THE AUDITOR / CONTROLLER'S OFFICE.  
 A BUDGET TRANSFER REQUEST MUST BE AT LEAST TWO LINES, NOT EXCEED TWENTY SIX LINES, AND USE AN "ODD AND EVEN" NUMBERED TRANSACTION CODE \*

- \* 002 = INCREASE ESTIMATED REVENUE
- \* 003 = DECREASE ESTIMATED REVENUE
- \* 011 = INCREASE IN APPROPRIATION / BOS APPROVED
- \* 012 = DECREASE IN APPROPRIATION / BOS APPROVED

S F X	TRANS CODE NO. *	INDEX CODE NUMBER	SUB OBJECT NUMBER	USER CODE NUMBER	AMOUNT	DESCRIPTION (80 CHARACTERS MAX)
1	011	306900	4300		100,000	06/07 Budget Revision Iteris Agree
2	002	306900	1766		100,000	06/07 Budget Revision EJCIC Grant
3						
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06 NOV 22 PM 3:28

*ml*

REVIEWED FOR FORMAT BY

*Bob Toscano for Joe Harn 12/1/06*  
 JOE HARN, C.P.A. AUDITOR / CONTROLLER DATE

*[Signature]* 12/5/06  
 CHIEF ADMINISTRATIVE OFFICE - ANALYST DATE

*Laura A. Grew* 12/5/06  
 CHIEF ADMINISTRATIVE OFFICE DATE

APPROVED AND SO ORDERED THAT THE ABOVE TRANSFERS BE MADE (AS REQUESTED OR AMENDED) AND INCORPORATED IN THE MINUTES OF THIS MEETING OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO

SIGNATURE: CHAIRMAN, BOARD OF SUPERVISORS DATE

ATTEST: CLERK, BOARD OF SUPERVISORS