

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

845 A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
December 11, 2006

SUBJECT: Amendment Number 2 to the Engineering Services Agreement for the Clinton Keith Road: I-215 to SR 79 Construction Project.

RECOMMENDED MOTION:

That the Board approve Amendment Number 2 to the Engineering Services Agreement between the County of Riverside and CH2M Hill, and authorize the Chairman to execute the same.

BACKGROUND:

On March 5, 2002, the Board of Supervisors approved an agreement with CH2M Hill to provide professional consulting services for the improvements for the Clinton Keith Road: I-215 to SR 79 Road Construction Project. The agreement provided for the preparation of the needed environmental documentation, and preliminary engineering design. On November 2, 2005, the Board of Supervisors approved Amendment 1 which modified the scope to incorporate additional environmental tasks and to provide final engineering design services necessary to prepare plans, specifications and estimates.

(Continued on next page)

George A. Johnson
George A. Johnson
Director of Transportation

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 843,800	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2006/07

SOURCE OF FUNDS: Southwest Road and Bridge Benefit District	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

County Executive Office Signature

[Signature]

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

Prev. Agn. Ref.: 3.60 | District: 3 | Agenda Number:

**ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD**

3 . 46

FURNISHED BY COUNTY COUNSEL

DEC 11 2006
BY *[Signature]*
Departmental Concurrence

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These major road projects that are being done in advance of development are very dynamic and subject to revision throughout the process as the adjacent development plans jell and have to be adequately coordinated with our road project. The level of effort and length of time needed to prepare the project environmental documentation and engineering details have exceeded the terms of the agreement as a result of coordination issues with Southern California Edison (SCE), developers and local property owners. Also, it is necessary for CH2M Hill to perform additional out of scope tasks based on new found information related to field conditions and the inclusion of new signals, lighting and landscaping treatments, as well as providing engineering support during the bidding and construction phases.

An overview of the additional scope of services is provided below:

SCE Relocations: SCE has been unwilling to review projects prior to final plans being completed and signed. As a result, the County was required to make certain assumptions and the actual relocation work for the project was greater than anticipated. We have had to expand the scope of the environmental document to include the relocation of distribution and transmission lines along the future Clinton Keith Road alignment. We need to be able to receive comments from SCE earlier in our plan preparation, and the Department will be taking the lead in initiating a discussion with SCE management to try and do so. The alternative to the re-work was to wait and have SCE prepare their own environmental document, which would potentially add a year or more to the project schedule and increase the cost even further in this rising construction cost market.

Coordination with Developers: A significant amount of work and rework has gone into coordinating with various major developers, which are funding this project, that are planned along the corridor. This effort is to minimize future cutting of the new road for utilities, traffic signals, or new access points.

Additional Investigations and Borings: Additional geotechnical work has been needed as part of the design for the 2 bridges, wildlife overcrossing, and more retaining and sound walls than originally contemplated. We have also had to work with certain property owners on obtaining access to their property on a piece-meal basis, which has required several crew mobilizations.

Traffic Signals and Lighting: The original scope called for the design of three signals and the signal modification at Clinton Keith/SR-79. Additional scope is required for the signal modification at the entrance to the Vista Murrieta High School and to design a new signal at Clinton Keith/Trois Valley. Also, streetlighting has been added to the scope of the project.

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Landscaping Plans and Aesthetic Treatments: Landscaping and aesthetic treatments are to be included with the Clinton Keith Road project since this arterial road will be one of the major corridors in the entire Southwest County. As such, it is important to develop a comprehensive landscaping theme that can be initiated with this project and incorporated as development occurs along the corridor, rather than allow for piecemealing on a tract-by-tract basis. The bridges over Warm Springs and French Valley will be visible from SR 79 as well as other view sheds, so there is a desire to include aesthetic treatments on this major public investment in order to enhance the attractiveness.

Bid and Construction Support: The CH2M Hill design team will be needed to provide engineering support to the contractors during the bidding phase and to provide technical support to the construction team during the construction phase. These tasks were not part of the original contract scope.

Amendment 2 modifies the current scope of work and increases the budget for consulting services necessary to provide the additional services.

The following table provides a summary of the additional tasks and corresponding budgets for the additional services. The total cost of this project is estimated to be \$68 million.

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Amendment Number 2 Financial Summary - Clinton Keith Road: I-215 to SR 79

	Phase 1 PA & ED	Phase 2 PS & E	Phase 3 Bid	Phase 4 Const.	Contingency	Total
Original Budget	821,045	1,524,130	0	0	152,413	2,497,588
Amendment	202,428	546,462	5,338	49,391	40,181	843,800
A. Project Management (Env.)	33,919					
B. Final Supplemental EIR	112,644					
C. Statement of Overriding Conditions	13,351					
D. MSHCP Coordination	16,266					
E. Delineation Document	26,248					
F. Project Management (Design)		55,536				
G. Geotechnical		61,414				
H. Additional Borings for Wildlife Crossing		30,214				
I. Photo Renderings - Wildlife Crossing		8,000				
J. Photo Renderings - Warm Springs		8,000				
K. Design Coordination - 65%		20,888				
L. Soundwall Modifications - 65%		28,190				
M. Soundwall Modifications - 95%		20,803				
N. Traffic Signals/Lighting		55,080				
O. Landscape/Architectural Services		167,871				
N. Design Coordination - 95%		26,802				
P. Utilities		6,866				
Q. Revision to Right of Way Req.		9,010				
R. QA of Bridge Design		29,990				
S. Foundation redesign		17,798				
T. Bid Support			5,338			
U. Construction Support				49,391		
Proposed Budget	1,023,473	2,070,592	5,338	49,391	192,594	3,341,388

Original Contract Amount: \$2,497,588
Recommended Amendment No.2: \$ 843,800
 (including Contingency)
 Total Revised Contract Amount: \$3,341,388

Funding for the additional services will be provided by the Southwest Road and Bridge Benefit District.