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September 11, 2003

Richard Webb
Reclamation District 784
1594 Broadway Street
Marysville, CA 95901

Subject: Change in Scope of RD 784 FEMA Problem Identification Study

Dear Mr. Webb:

Several events and issues have occurred that require a change in scope for the RD 784 FEMA Problem Identification Study (FEMA Study). These modifications will keep the total project cost within the authorized cost ceiling of \$535,000, but the amount authorized for each consultant will change. The following is a breakdown of the proposed changes:

1. Kleinfelder has had to increase the depth of the soil borings because of permeable layers that have been identified in the levee foundation. To avoid having to redrill at these same locations in the design phase, Kleinfelder is drilling until they hit an impermeable layer. In their original scope, they had planned to drill to a depth that equaled twice the height of the levee, 40-60 feet. Some of the borings have had to go to a depth greater than 100 feet to hit an impermeable layer. The attached amended scope of work details this change. Kleinfelder's existing contract is for \$260,000; an increase of \$150,000 is requested bringing their revised contract limit to \$410,000.
2. The Corps of Engineers has agreed to perform the survey work for the FEMA Study and fund it as a cost of the Yuba Basin Project. MHM had started work on this effort and established the control for the survey. MHM's expenditures to date are \$4,200; their authorized contract ceiling is \$120,000. It is proposed that MHM's contract ceiling be revised to \$7,900. This covers the \$4,200 expended to date, plus an additional \$3,700 for coordination as the District Engineer for RD 784.

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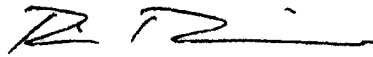
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3. MBK began work on the FEMA issue in May when the Corps first made the local community aware of the potential for mapping RD 784 into the FEMA 100-year floodplain. The FEMA Study was not anticipated at that time, and work to engage the Corps and DWR was charged to the Yuba Basin Project. It may be appropriate to move charges incurred in the months of May, June and July from the Yuba Basin Project to the FEMA Study. Attached is a memorandum detailing this issue. This would require increasing the MBK contract for the FEMA Study by \$8,000 to account for this cost. MBK's current cost ceiling is \$55,800; the proposed revised ceiling would be \$63,800.

The proposed contract amendments bring the total cost for all work under this effort \$535,000. Please let me know if you have any question on the proposed scope and funding changes.

Sincerely,
MBK ENGINEERS



Ric Reinhardt, P.E.

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Enclosure

cc: Curt Akins