

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION <i>(City and State)</i> <b>Olivenhain Dam</b> <b>Encondido, California</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2000	CONSTRUCTION <i>(If applicable)</i> 2003
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER San Diego County Water Authority	c. POINT OF CONTACT NAME Kenneth A. Steele, P.E.		c. POINT OF CONTACT TELEPHONE NUMBER (858) 522-6845

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost.)*

**PROJECT DESCRIPTION**

Olivenhain Dam at 308.5 ft is the largest RCC dam in the United States. Its RCC volume of 1,356,000 cubic yards is second only to Upper Stillwater Dam, Utah, in the USA. The dam is part of an emergency water storage project for people living in the San Diego area. Should an earthquake or other threats cutoff water supply, the 2586 ft long dam will store 24,000 acre-ft of water, sufficient to provide a six month water supply to the area.

**PROJECT HIGHLIGHTS**

- Highest RCC dam in the USA
- Rapid placement of RCC following acceptance of contractor's VE proposal
- USA monthly RCC placement record

**SERVICES PROVIDED**

Ken Hansen served as an Independent RCC design expert on the Board of Senior Consultants for the owner throughout the investigation, design, and test section phase of the \$140 million dam project. In this capacity, he reviewed and commented on RCC mixture proportions, RCC materials, RCC gravity dam design, including upstream and downstream facing systems, and constructability of the design and specification requirements as part of this assignment.

**PROJECT COSTS**

- Firm's Amount: \$36,400 (fee)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Kenneth D. Hansen, P.E.	(2) FIRM LOCATION <i>(City and State)</i> Greenwood Village, Colorado	(3) ROLE RCC expert on Board of Senior Consultants for San Diego County Water Authority
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