

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

20. EXAMPLE PROJECT KEY NUMBER

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

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21. TITLE AND LOCATION <i>(City and State)</i> Cine Dam Aydin, Turkey		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2000	CONSTRUCTION <i>(If applicable)</i> --
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER DSI - Turkey	c. POINT OF CONTACT NAME Serhaz Batmaz		c. POINT OF CONTACT TELEPHONE NUMBER 011-312-417-8300

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

PROJECT DESCRIPTION

Cine Dam on the Cine River, South of Aydin in Southwest Turkey, has been designed as a 132 m (434 ft) high dam containing 1.76 million cubic yards of RCC. It will be the first major use of RCC for a dam in Turkey, and when completed will be one of the highest RCC dams in the world. To date, a 42.5 m (139 ft) high RCC cofferdam has been completed. Construction of a diversion tunnel, road relocation, and most of the foundation excavation has been completed. However, start of RCC placement in the main dam has been stalled due to lack of government funding.

PROJECT HIGHLIGHTS

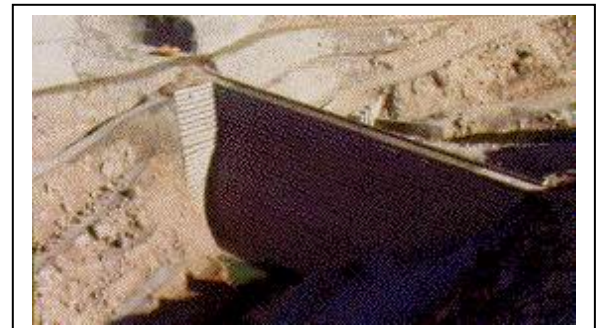
- Largest RCC dam to be built in Turkey
- 139 ft high RCC cofferdam completed
- Grout-enriched RCC faces to be used for dam

SERVICES PROVIDED

Ken Hansen and mechanical engineering subconsultant, Garry Tucker, provided extensive construction related services to the contractor Ozkar Construction Industries and Trade during several trips to Turkey and subsequent tasks performed in the USA. Services provided included design review for constructability, layout of a belt conveyor for RCC delivery, evaluation and subsequent purchase of a concrete batch plant, as well as alternate method studies for handling and cooling aggregates. Grout-enriched RCC (GERCC) as suggested by Mr. Hansen was used on the cofferdam for the vertical upstream and stepped downstream faces as a cost-saving measure.

PROJECT COSTS

- Firm's Amount: \$131,000 (fee)



RCC cofferdam for Cine Dam, Turkey

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 Independent RCC expert consultant
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