

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

5

21. TITLE AND LOCATION <i>(City and State)</i> Longtan Dam Guanqxi Province, China	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 1994	CONSTRUCTION <i>(If applicable)</i> 2009

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Longtan Hydroelectric Development Corporation	c. POINT OF CONTACT NAME N/A	c. POINT OF CONTACT TELEPHONE NUMBER N/A
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost.)*

PROJECT DESCRIPTION

Longtan Dam on the Hongshui River in Guanqxi Province, China, is presently nearing completion. When the RCC for the first stage was completed in 2007, the 192 m (630 ft) high gravity dam required 3,800,000 cubic meters of RCC (nearly 5 million cubic yards). This initial stage will have an installed hydro capacity of 4900 mw. A dam raise to 216.5 m (710 ft) will be completed in late 2009.

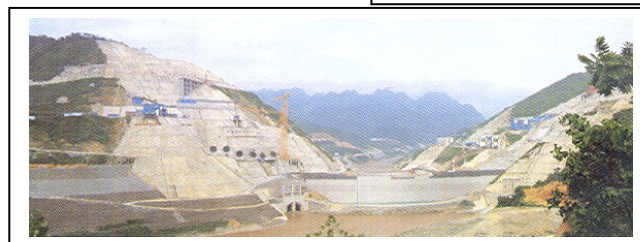
PROJECT HIGHLIGHTS

- Worlds highest RCC dam at 216.5 m (710 ft)

SERVICES PROVIDED

Ken Hansen served as an RCC design review expert for a multi-disciplinary joint venture operating under the name Canada China Electric Power Consultants with AGRA Monenco as the lead engineering firm. Mr. Hansen's main duties included (a) review of dam section and layout, (b) thermal analysis material properties, (c) summary of projects relevant to the planned dam raising, and (d) concrete characteristics and properties for both RCC and conventional concrete. This involved a trip to Changsha, China, where the designers, the Mid-South Design and Research Institute, is located.

Mr. Hansen also conducted and arranged a five-day long study tour for 10 Chinese design engineers working on the project, plus two interpreters to several dam projects in the western USA.



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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