

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

10

21. TITLE AND LOCATION (City and State)

Brigade/Battalion Headquarters Standard Design, CONUS, OCONUS

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2006

CONSTRUCTION (if applicable)
N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

**U.S. Army Corps of Engineers
Savannah District**

b. POINT OF CONTACT NAME

Mr. Tom Brockbank

c. POINT OF CONTACT TELEPHONE NUMBER

912-652-5212

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

This Standard Design replaces the existing Brigade and Battalion Headquarters standards, which were developed in the 1980's. These new standards were necessitated by Army Transformation, which elevates the brigade headquarters to a higher mission than it previously held. The brigades now perform intelligence, operations and communications functions that were formerly associated with a division headquarters. The brigade headquarters has missions and capabilities that require specialized space that is also needed in a limited number of specialized battalion headquarters. These missions and capabilities translate into the need for most brigades to have an Emergency Operations Center (EOC) for controlling mission operations while they are in progress, a Sensitive Compartmented Information Facility (SCIF) for processing certain types of classified information, and a Network Operations Center (NOC) to manage the information systems inside their footprint. The new standard design addresses each of these types of spaces as well as special security requirements that dictate specific construction standards and access restrictions that suggest traffic patterns and control points within the facility.

The preferred design solution for a Brigade Combat Team includes 6 BNs and the BDE in one building (illustration below, left). Additionally, Knight Architects developed an Idealized Brigade Operations Complex master plan (below, right) which shows the relationship between living, command and administration (BDEs and BNs), work (TEMFs and COFs) and deployment operations.

Size: Brigade HQ- Ranges from 26,500 SF to 61,500 SF

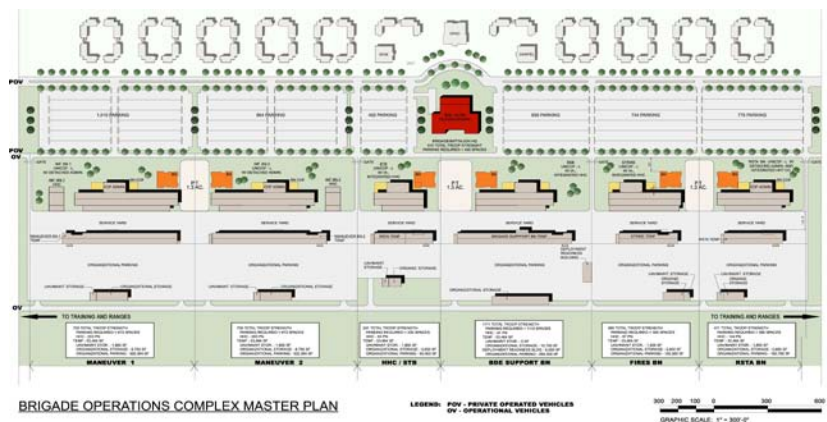
Battalion HQ- Ranges from 9,369 SF to 13,399 SF

Cost: N/A

Cost: N/A

Project Relevance: Knight Architects developed the new COS Standard for Brigade and Battalion Headquarters. As such, our design teams' understanding of Brigade and Battalion HQ requirements and the development of MILCON transformation Requests For Proposal is unparalleled. This experience, coupled with our experience developing other standard designs for USACE makes the Centers of Standardization IDIQ a perfect fit for our design team. This Specialized Experience relates directly to the following:

- Design of new facilities involving a wide range of engineering variables (wind, seismic, soil, temperature, materials, etc.)
- Preparation of the development of the technical information for design-build Request for Proposals.
- Application of the DoD Antiterrorism/Force Protection (AT/FP) criteria.
- Sustainable design utilizing the LEED rating tool.
- Use of automated design systems described above (MCACES, CADD, SpecsIntact, and DrChecks).



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) Firm Name Knight Architects, Inc.	(2) Firm Location (City and State) Atlanta, GA	(3) Role Architecture, Interior Design, LEED Analysis
b.	(1) Firm Name Concord Project Consulting, Inc.	(2) Firm Location (City and State) Atlanta, GA	(3) Role Mechanical Design Narrative