

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

21. TITLE AND LOCATION *(City and State)*

**Primary Entry Control Facility Upgrades
Naval Medical Center, Portsmouth, VA
(N40085-18-F-4281)**

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> 2019
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

NAVFAC Mid-Atlantic PWD
Portsmouth

b. POINT OF CONTACT NAME

Tim Rouse, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

757-396-8248

timothy.rouse@navy.mil

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

PGE served as the Designer of Record for entry revisions to the primary control facility to improve the traffic flow and safety for the main entrance for Portsmouth Naval Hospital in Portsmouth, Virginia. Responsibilities included the preparation of basis of design, Design Quality Control Program, DD Form 1384, accident prevention plan and full specifications with SPECSINTACT to add two inbound inspection lanes to Gate 1. This design-build project included structural design of bulwarks, gate arms with signals, and relocation of a structural passive barrier wall per the UFC in full accordance with Anti-Terrorism Force Protection guidelines. Project elements also included the rerouting of existing pedestrian sidewalk for main gate access along with the relocation of a water distribution fire hydrant. The project involved complex construction phasing and traffic control to ensure three lanes of traffic were open at all times. PGE prepared an erosion and sediment control plan and obtained permitting from Virginia Department of Environmental Quality.

PROJECT RELEVANCE

X	Development of full designs
X	Design analysis & construction phase services
X	Engineering Studies
X	Investigations
X	Surveying
X	Subsurface Investigations
X	QC Plan / DQC Plan
X	ERDS/ITL TR-12-6 A/E/C STD, Release 6
X	SPECSINTACT

PROJECT HIGHLIGHTS

- Relocation and Structural design of wall structure
- Documents per UFC 1-300-09N
- National CAD Standard Drawings, Basis of Design, Specifications & Cost Estimating
- Accident Prevention Plan
- ATFP design of main gate to Naval facility
- Cost Estimating
- Geotechnical Investigations
- LID Design
- Stormwater Management Design
- Drainage Study
- Design of erosion and sediment control measures.



CONSTRUCTION COST: \$1.4M

PERIOD OF PERFORMANCE: April 2018-July 2019

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Pinnacle Group Engineering, Inc. DUNS: 123106408	(2) FIRM LOCATION <i>(City and State)</i> Chesapeake, Virginia	(3) ROLE Designer of Record
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE