

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

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION (City and State) Immigration and Naturalization Building, GSA Public Buildings Service, Mid-Atlantic Region, Norfolk, VA (Contract No. – N/A – non federal)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2013

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Curtis Investments – Norfolk LLC	b. POINT OF CONTACT NAME Chris Curtis	c. POINT OF CONTACT TELEPHONE NUMBER 214-368-5091 chris@curtisinvest.com

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

PGE served as the project civil engineer for a new two-story, 21,900 SF office building for the Office of Immigration and Naturalization for the Department of Homeland Security. The project included the inclusion of structural bollard design per UFC requirements to ensure the physical safety of the building. All coordination with the client, project architect, project fire control engineer, project surveyor and construction contractor was conducted by the firm. Fire demand calculations and the coordination and design of fire sprinkler system per International Fire Code requirements were also performed. PGE designed the erosion and sediment control plan and stormwater pollution and prevention plan and made submittals through the Virginia Department of Environmental Quality to gain stormwater permits. The project included the design of a 72-space new parking lot, as well as the water distribution system and sanitary sewer system for the development. Construction phase services were also performed including cost estimating, as built certifications and general construction administration assistance to the contractor.



PROJECT HIGHLIGHTS

- Structural design of passive barriers per UFC
- Obtained city building permits and state stormwater permits
- Designed per Department of Homeland criteria
- Site Investigations
- Parking Lot Design
- New Building Design
- Drainage Study
- Stormwater Management Design
- LID Design
- Design of erosion and sediment control measures
- Complete construction plans
- Geotechnical Investigations

PROJECT RELEVANCE	
X	New Building
X	Development of Full Designs
X	Design Analysis & Detailed Construction Plans & Specs
X	Engineering Studies
X	Investigations
X	Surveying
X	Subsurface Investigations
X	ERDS/ITL TR-12-6 A/E/C STD, Release 6

CONSTRUCTION COST: \$1.8 M

PERIOD OF PERFORMANCE: May 2011-June 2013

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Pinnacle Group Engineering, Inc.	(2) FIRM LOCATION (City and State) Chesapeake, Virginia	(3) ROLE Project Civil Engineer
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE