

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Robert B. Ludgate Sr.</b>	13. ROLE IN THIS CONTRACT <b>Professional Land Surveyor Professional Engineer Principal In-Charge</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>47</b>	b. WITH CURRENT FIRM <b>31</b>

15. FIRM NAME AND LOCATION *(City and State)*  
**Ludgate Engineering Corporation, Inc.**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Civil/Structural Engineering, Clarkson College</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>Professional Engineer, PA, NY and VT Professional Land Surveyor, PA and NY</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
**PSLS, NYSAPLS, ASCE, Reading Rotary  
1995 Engineer of the Year (by PA Society of Professional Engineers)  
Reading PA Society of PE and Reading Branch ASCE**

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Redevelopment: Phoenixville Steel Site</b>	<b>1987 – Present</b>	<b>ongoing</b>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Topographic and boundary survey of 130 acre abandoned steel mill site; master plan for redevelopment; individual project site plans for 5 separate redevelopment parcels stemming from Master Plan to date. Individual projects are elderly apartments, town homes, retail space and office buildings.</b>	<input type="checkbox"/> Check if project performed with current firm <input checked="" type="checkbox"/>	
<b>Acting City Engineer/Public Works Director, Reading PA</b>	<b>1996</b>	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Asked to fill in after retirement of long-time City Engineer; continued as Public Works Director. Created the department organization plan when the city charter enlarged the 7 person engineering department to include 10 departments and 120 people into the public works.</b>	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
<b>Consolidated Public Works Facility, Reading PA</b>	<b>2003</b>	<b>2005</b>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Study of Department Operations, Conceptual Plan of Facility, Site Selection, Survey and Mapping, Site Development Plan to consolidate 6 departments in 2 buildings on 1 mid-city site.</b>	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
<b>Borough of Phoenixville "Growing Greener" grant, Phoenixville, PA</b>	<b>2003-2005</b>	<b>2005</b>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Conducted flood studies of the French Creek through the entire borough, provided conceptual plans of floodway improvements and prepared a revised floodplain map.</b>	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	
<b>Eighteenth Ward Sewers, Reading PA</b>	<b>2002</b>	<b>2003</b>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Survey of routes of 18" interceptor sewer, force main, headworks site; design of the interceptor, and the site plan for the 18 M/G/D pump station.</b>	<input type="checkbox"/> Check if project performed with current firm <input type="checkbox"/>	