

# STATEMENT OF QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. PROJECT TITLE AND LOCATION (City and State) <b>Scheduling Consultant List (Various Locations)</b>	
2. ANNOUNCEMENT DATE <b>March 4, 2011</b>	3. PROJECT NUMBER <b>DAS-115888</b>

### B. FIRM POINT OF CONTACT

4. PROJECT REPRESENTATIVE NAME AND TITLE <b>R. Neall Distad, AIA</b>		5. PRESIDENT / CEO <b>Ronald Ledin</b>
6. NAME OF FIRM <b>Middough Inc.</b>		
7. TELEPHONE NUMBER <b>216.367.6000</b>	8. FAX NUMBER <b>216.367.6020</b>	9. E-MAIL ADDRESS <b>distadrn@middough.com</b>
10. COUNTY <b>Cuyahoga</b>	11. FTID NUMBER <b>[REDACTED]</b>	12. WEB ADDRESS <b>www.middough.com</b>

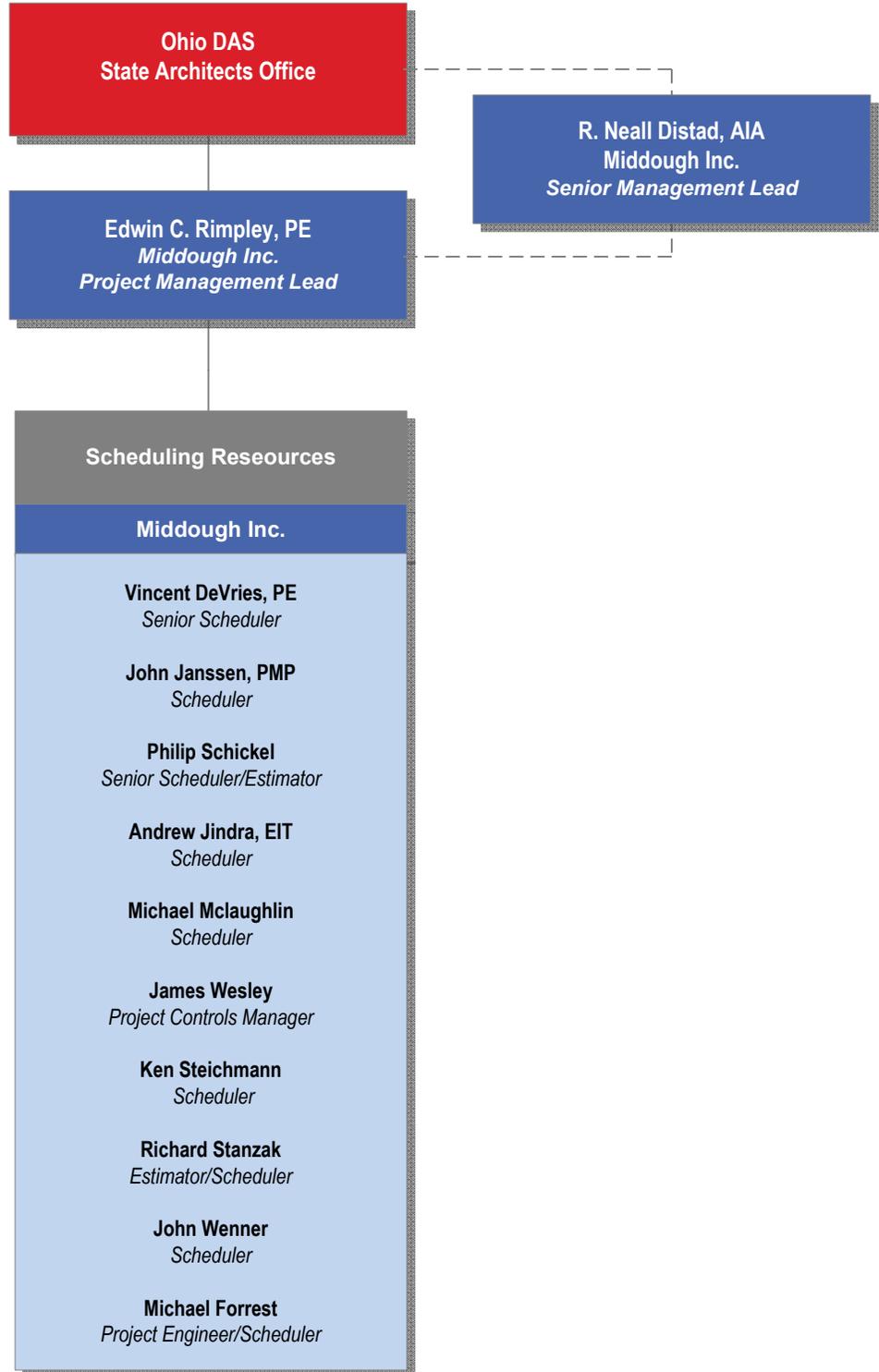
### C. PROPOSED TEAM

*(Complete this section for the lead firm or joint venture partners, and all key consultants.)*

(Check)	13. FIRM NAME			14. ADDRESS		15. ROLE IN THIS CONTRACT
	Lead Firm	JV Partner	Consultant			
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	 <b>1901 East 13th Street</b> <b>Cleveland, OH 44114</b>		Scheduling Consultant
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span> <span style="margin-left: 20px;">Miles from project site</span>		
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Check if EDGE certified <span style="margin-left: 100px;"><input type="checkbox"/> Check if branch office</span>		

## Scheduling Consultant List Various Locations

DAS-115888



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

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

16. NAME <b>Edwin C. Rimpley, PE</b> 	17. ROLE IN THIS CONTRACT <b>Project Management Lead</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>40</b>	b. WITH CURRENT FIRM <b>2</b>

19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>
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20. EDUCATION (DEGREE AND SPECIALIZATION) MS, Engineering Management, Kennedy Western University (in progress) BS, California State University	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Architect in the States of California and Maine
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22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) National Society of Professional Engineers American Society of Civil Engineers	American Welding Society Society of Automotive Engineers
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23. RELEVANT PROJECTS (Up to a maximum of 5 samples)

a.	(1) TITLE AND LOCATION (City and State) <b>Chrysler Technology Center, Scientific Test Systems</b> Auburn Hills, MI	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>1992</b>	CONSTRUCTION (If applicable) <b>1996</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Deputy project manager for design and construction planning of the power train, environmental, emissions, and acoustics test centers including management of development of cost estimating/budget control program, construction planning and scheduling and specification preparation. Contraction value in excess of \$300 million, Scientific Test Facility valued at \$1 billion plus.			
b.	(1) TITLE AND LOCATION (City and State) <b>National Windtunnel Complex</b> NASA Langley, VA	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>1993</b>	CONSTRUCTION (If applicable) <b>N/A</b>	<b>10</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Deputy program manager for a study to develop concepts, budgets, and program timing for the design and construction of a transonic windtunnel complex consisting of two windtunnels and all ancillary systems. Primary duties were supervision of the estimating/budget preparation and development of the overall program timeline/schedule for this \$2.8 billion, ten year program.			
c.	(1) TITLE AND LOCATION (City and State) <b>State of Tennessee, Capital Projects Management, Construction Management Services</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>1991</b>	CONSTRUCTION (If applicable) <b>1994</b>	<b>9</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Program director of construction management services for the construction of two new prisons and the renovation of at two additional sites. Total value of the program \$90 million.			
d.	(1) TITLE AND LOCATION (City and State) <b>United State Postal Service Bulk Mail Facility Construction Program – Southeastern Region</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>1993</b>	CONSTRUCTION (If applicable) <b>1993</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Program director of construction management services for construction for eight bulk mail processing facilities with a total construction value of \$220 million.			
e.	(1) TITLE AND LOCATION (City and State) <b>Medium Speed Wind Tunnel</b> Union of South Africa	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>1990</b>	CONSTRUCTION (If applicable) <b>1990</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Structural group engineer for the design and construction planning of the construction of the Medium Speed Wind-tunnel including development of overall construction sequencing and design and construction schedule. Contact Value \$55 million.			

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

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

16. NAME <b>R. Neall Distad, AIA</b> 	17. ROLE IN THIS CONTRACT <b>Senior Project Manager</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>22</b>	b. WITH CURRENT FIRM <b>1</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) B Arts, Roger Williams University, Bristol, RI B Arch, Boston Architectural College, Boston, MA		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Architect, OH	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AIA, American Institute of Architects			

23. RELEVANT PROJECTS (Up to a maximum of 5 samples)

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a. <b>Cleveland State University/Cleveland Playhouse Drama and Theater Arts, 1901 East 13<sup>th</sup> Street, Cleveland, OH</b>	<b>2010</b>	<b>2011</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Program Area: 130,000 square feet, Project Budget: \$14,000,000 Senior Project Manager, Facility Assessment & Programming Phases. Cleveland State University Drama and Visual Arts program and Cleveland Play House Drama and Administrative Program are relocating to 1901 East 13 <sup>th</sup> Street at PlayhouseSquare. Mr. Distad led the due diligence assessment and the programming effort for the PlayhouseSquare Foundation. Historic Rehabilitation in accordance with Department of Interior Standards. The client is pursuing the state and federal tax credits.			
b. <b>The Ohio State University, Central Power Plant Water Treatment Plant, Columbus, OH</b>	<b>2009-2010</b>		
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Cost: \$11,000,000 Senior Project Manager, Mr. Distad led the historic assessment of original windows at the McCracken Power Plant and the preparation of photographic documentation and survey documents. Final documents included documentation of existing conditions and preparation of two conceptual cost estimates; 1) the replacement of non-historic fiberglass panels with historically accurate steel sash window assemblies and 2) the historic restoration of original steel sash window assemblies currently in place. Mr. Distad also oversaw the process engineering design for the water treatment upgrade for the Central Power Plant water treatment system.			
c. <b>UST Remediation, Cleveland Lakefront State Park, Edgewater State Park Marina #4, Cleveland OH Ohio Department of Natural Resources, Columbus OH</b>	<b>2010</b>	<b>N/A</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Manager, Mr. Distad was responsible for project management and project oversight. Services provided were performed by sub consultant KU Resources Inc. and include field engineering and well monitoring repair to monitoring well no. 21. This project completed the remediation efforts at Edgewater State Park for Ohio Department of Natural Resources.			
d. <b>Education Center Barn Dunham Tavern Museum, Cleveland OH</b>	<b>2003</b>	<b>N/A</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager for programming, design and contract administration for a new barn structure to serve as an education center for the Dunham Tavern Museum. The center was built to emulate a historic 1850's era barn that previously existed on the site and burned down in the 19960's. The new barn structure was constructed with a post and beam timber frame with mortise and tenon joint connections. Mr. Distad while serving as Project Manager for Collins Rimer Gordon Architects, Cleveland Ohio.			
e. <b>New Port Cochere, Locker Room and Conference Rooms Canterbury Golf Club, Beachwood, OH</b>	<b>2002</b>	<b>2002</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager feasibility assessment, programming, design and contract administration. Historic club house originally constructed circa 1920's in the Tudor Revival style. Scope of work included a new main entrance and Port-Cochere, renovation of locker room facilities and new conference room facilities. Code assessment to resolve fire separation and egress requirements per Ohio Basic Building Code. Code violations were appealed at Ohio Board of Building Standards to determine reasonable design solutions. Mr. Distad while serving as Project Manager for Collins Rimer Gordon Architects, Cleveland Ohio.			

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

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

16. NAME <b>Vincent C. DeVries, PE</b> 	17. ROLE IN THIS CONTRACT <b>Senior Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>30</b>	b. WITH CURRENT FIRM <b>2</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) BSCE, Civil Engineering MSBA, Business Administration		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Engineer in the States of Ohio, Illinois, and Pennsylvania	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Primavera® Planning Software for the Enterprise Primavera® Contract Management Software			

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Ben Venue Laboratories</b> Bedford Heights, OH	<b>Currently</b>	<b>Currently</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed individual project schedules in MS Project with project personnel and incorporated the projects into one master schedule in Primavera P6 for tracking and resources for engineering, procurement, construction and validation of Pharmaceutical production facilities.			
b.	<b>Sunoco</b> Toledo, OH	<b>2007</b>	<b>2007</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Developed project schedules in MS Project with project personnel and tracked progress of all the refinery capital engineering/construction projects (over 100 projects) including developing resource graphs and charts for the project managers and engineers. Incorporated the individual projects into one master schedule in Primavera P6.			
c.	<b>General Motors</b> Toledo, OH	<b>2009</b>	<b>2009</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Developed and tracked a fast track Primavera P6 resource loaded schedule of over 2,000 tasks for the installation of mechanical/electrical equipment in a new automotive facility.			
d.	<b>University of Toledo</b> Toledo, OH	<b>2008</b>	<b>2008</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Schedule was developed in Primavera P3 for a renovation of a university field house into a classroom and office use facility. Schedule had to incorporate the work of various subcontractors.			
e.	<b>Central Power Plant Water Treatment Plant</b> <b>The Ohio State University</b> Columbus, OH	<b>2009-2010</b>		
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed/tracked a +500 task P6 schedule for the expansion of steam heating and cooling underground lines to various buildings			

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

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

16. NAME <b>John H. Janssen, PMP</b> 	17. ROLE IN THIS CONTRACT <b>Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>5</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) Currently enrolled in the MBA program at Cleveland State University (Beta Gamma Sigma Honor Society) Secondary Teaching Certificate, John Carroll University BA, College of Wooster		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PMP, Project Management Professional (Cert. # 1258731)	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

a.	(1) TITLE AND LOCATION (City and State) <b>Pickaway Correctional Facility Office of the State Architect OH</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable) <b>Current</b>	<b>1</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Constructability reviews of redundant power project and new inmate health facility. Ohio State Fairgrounds power upgrade project. Reviewed the architect's estimate, generate a preliminary schedule and review the front ends/general conditions of the project documents.			
b.	(1) TITLE AND LOCATION (City and State) <b>Water Treatment Plant Enhancement Program City of Cleveland Water Department</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (If applicable) <b>2010</b>	<b>3</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scheduled 12 design contracts totaling more than \$75 million, covering four water treatment plants. All schedules were integrated into the master program schedule. The challenge was to complete the work within EPA mandates while providing seamless service to customers.			
c.	(1) TITLE AND LOCATION (City and State) <b>Cleveland Hopkins International Airport City of Cleveland, Division of Port Control</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES <b>2001</b>	CONSTRUCTION (If applicable) <b>2004</b>	<b>4</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduler, program management team. The program management team is responsible for all capital projects at both Burke Lakefront and Cleveland Hopkins International airports for the 10 year period from 1998 through 2008. This represents over 150 separate projects including the addition of a new 12,000 foot runway requiring the filling of Abram Creek and the relocation of a portion of the NASA/Glenn Research Center. The total program is currently valued at over \$1.4 billion. (Only full time scheduler at the \$1.4 billion program.) Development and maintenance of the Master Schedule tracking 30+ projects; co-development of baseline schedules with contractors; participated in owner's defense for schedule related claims			
d.	(1) TITLE AND LOCATION (City and State) <b>Euclid Corridor Improvement Project</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES <b>2003</b>	CONSTRUCTION (If applicable) <b>2007</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Independent Scheduling Consultant Developed and maintained cost and resource loaded design and preliminary construction schedules for URS during the 30% design phase of this \$300+ million project. The schedule was used by URS and GCRTA to manage the project and to project funding needs to secure FTA grant money.			
e.	(1) TITLE AND LOCATION (City and State) <b>New Cogeneration (bio-gas) Facility City of Toledo Toledo, OH</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (If applicable) <b>2008</b>	<b>2</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Scheduling for the construction phases.			

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

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

12. NAME <b>Philip Schickel</b> 	13. ROLE IN THIS CONTRACT <b>Senior Scheduler/Estimator</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>37</b>	b. WITH CURRENT FIRM <b>12</b>

15. FIRM NAME AND LOCATION (City and State)  
**Middough Inc., Cleveland, OH**

16. EDUCATION (DEGREE AND SPECIALIZATION)  
BS, Mathematics, Calvin College

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Undergraduate Studies, Engineering Disciplines

**19. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Conoco Phillips</b> Trainer, PA	<b>2005</b>	<b>2005</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed approximately 20 ±50 percent individual cost estimates, options and alternates for planning and budgeting purposes for the 2008 Capital Projects list.			
b.	<b>Classroom Facilities Assistance Program</b> <b>Cardington-Lincoln Local School District</b> <b>Ohio School Facilities Commission</b> Columbus, OH	<b>2005</b>	<b>2005</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Constructability analysis and estimates for constructability reviews of submitted drawings and specifications, review of construction bid documentation and site project superintendent and clerk staffing in support of site construction progress reporting and control. Services include implementation of all OSFC policies and procedures to support site construction overview and control. This project is 1 and half months ahead of schedule.			
c.	<b>City of Cleveland</b> Cleveland, OH	<b>2004</b>	<b>N/A</b>	<b>4</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Development of control estimates of construction costs for various phases of an \$80 million NASA facility relocation project required for the Cleveland Hopkins Airport runway expansion program.			
d.	<b>BP Chemical</b> Lima, OH	<b>2011</b>	<b>2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction cost estimating for numerous chemical plant retrofit projects.			
e.	<b>University of Chicago</b> Chicago, IL	<b>2004</b>	<b>2004</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developing construction cost options for campus steam plant and pipe routing upgrades.			

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

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

16. NAME <b>Andrew Jindra</b> 	17. ROLE IN THIS CONTRACT <b>Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>6</b>	b. WITH CURRENT FIRM <b>6</b>

19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>
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20. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil and Environmental Engineering, The Ohio State University	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) EIT, State of OH, Civil Engineering
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22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) OSHA 10-hour Safety Training Aerial Lift Safety Training New AISC Specification/Manual Seminar	Inspection Work Confined Space Safety Trained at Alcoa
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**23. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

a.	(1) TITLE AND LOCATION (City and State) <b>50,000 Ton Press Base Repair Project Alcoa Cleveland Works Cleveland, OH</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable) <b>2008</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduler and On-Site Engineer for the repair of the 50,000 ton press base. Created project schedules for the 50K press base repair. Miscellaneous field work and inspections of the 50K press base.			
b.	(1) TITLE AND LOCATION (City and State) <b>Linde Projects Natrona Relocation/Lyndora Install</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If applicable)	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Helped create Middough's cost/scheduling report for two Linde projects which in turn became the standard for Middough's Major Projects Group. Assisted in the production of the monthly project reports for client. Created excel spreadsheets and graphs to kept track of project costs for the monthly project reporting: Earned v Actual v Projected Hours/Cost Graphs and Cost Reports			
c.	(1) TITLE AND LOCATION (City and State) <b>DHT OSBL Valero Oil Refinery Lima, OH</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>2005</b>	CONSTRUCTION (If applicable) <b>2006</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduler and on site engineer on a \$20 million+ project where over 45,000 LF of pipe was erected. Composed resource loaded project schedule, Kept track and updated progress on schedule, Verified field completion, and prepared hot taps/tie-Ins for completion in the field. Arranged meetings with multiple clients/ contractors for walkarounds to help locate their work and explain progress Helped with some field services such as marking lead abatement areas, tie-in locations, and field measurements throughout the site.			
d.	(1) TITLE AND LOCATION (City and State) <b>TSS Project Marathon Oil St. Paul Park, MN</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION (If applicable)	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Track Cost Progress: Created Progress Curves (S-Curves and Bar Chart) Monthly updating of the project's Progress Curves: Actual vs. budgeted hours, Earned vs. actual hours, and Earned vs. budgeted hours.			
e.	(1) TITLE AND LOCATION (City and State) <b>Ohio EPA NPDES Phase II Storm Water Management Program Three OH cities</b>	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES <b>2004</b>	CONSTRUCTION (If applicable)	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted in-house and on-site research using ArcView GIS, categorized results, and supervised road pavement work crews. Assisted in preparation of documents and bid materials for contractors. Specific training in: Construction cost estimating                      Safety analysis                      Forensic engineering Engineering/Construction Cost Report Tracking      Survey crew                      Reinforced concrete design Construction scheduling                      Inspection Work			

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

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

16. NAME <b>Michael McLaughlin</b> 	17. ROLE IN THIS CONTRACT <b>Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>12</b>	b. WITH CURRENT FIRM <b>3</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Toledo, OH</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) <b>BA, Operations Management &amp; Purchasing, Bowling Green State University Bowling Green, OH</b>		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

**23. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Increase Desalter Transformer Capacity</b> <b>BP Husky Toledo Refinery</b> Oregon, OH	<b>2010</b>	<b>2012</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed final quality assurance review of +/- 50 percent cost estimate and developed a resource loaded engineering schedule.			
b.	<b>New Residual Hydrocarbon Tank</b> <b>BP Husky Toledo Refinery</b> Oregon, OH	<b>2011</b>	<b>2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reviewed and assisted in developing +/- 20 percent cost estimate, developed a resource loaded engineering schedule, performed a cash flow analysis, and provided manpower tracking reports.			
c.	<b>East Side DCS Upgrade in SAT 7</b> <b>BP Husky Toledo Refinery</b> Oregon, OH	<b>2009</b>	<b>2009-2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reviewed and assisted in developing +/- 20 percent cost estimate and developed a resource loaded engineering schedule.			
d.	<b>Instrument Air and Plant Air Systems</b> <b>BP Husky Toledo Refinery</b> Oregon, OH	<b>2010</b>	<b>2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reviewed and assisted in developing +/- 20 percent cost estimate, developed a resource loaded engineering schedule, performed a cash flow analysis, and provided manpower tracking reports.			
e.	<b>Plant 6 Re-instrumentation</b> <b>Sunoco Refinery</b> Toledo, OH	<b>2010</b>	<b>2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed a resource loaded engineering schedule.			

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

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

16. NAME <b>James W. Wesley</b> 	17. ROLE IN THIS CONTRACT <b>Project Controls Manager</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>44</b>	b. WITH CURRENT FIRM <b>3</b>

19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Oak Brook, IL</b>
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20. EDUCATION (DEGREE AND SPECIALIZATION) <b>BSME, Mechanical Engineering and Construction Management, Bradley University, Peoria, IL</b>	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
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23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Various Process and Facility Projects BP Laboratory, Seadrift Refinery, CITGO, Silver Spring Gardens, Murphy Oil, IL and WI</b>	<b>2008-2011</b>	<b>2008-2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project controls manager for this \$1.5 million to \$65 million project. Responsibilities included cost reporting, scheduling, estimating, preparing detailed cost reports to review with clients, preparing monthly project status reports to review with management, forecasting project costs, and developing project control implementation procedures			
b.	<b>Capital Improvement Program (CIP) Chicago Department Water Management (CDWM) Chicago, IL</b>	<b>2003-2008</b>	<b>2003-2008</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior cost estimator/scheduler, CIP budget manager and project manager for this \$125 million to \$765 million project. Responsibilities included cost and budget reporting, project scheduling, project budget allocation/monitoring for various facility and water main installation projects, and preparing monthly project report reviewing with commissioner and engineering staff. Also, tracked all proposed construction extras to contract modifications, reported project performance measurements for engineering and construction, and prepared/issued documents extending/increasing value of term agreements for CDWM			
c.	<b>Various Facility Projects Chicago Public Schools, Zenith Corp, Allied Tube and Conduit, Lake County, and Kane County Chicago, IL</b>	<b>1990-1993</b>	<b>1990-1993</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Manager of cost estimating and project manager for this \$10,000 to \$125 million project. Managed all estimating and scheduling for competitive bidding and lump sum proposals. Directed and coordinated engineering, procurement, project control, and construction as a project manager for a special metal processing facility			
d.	<b>Chicago Housing Authority Modernization Program, HUD Chicago, IL</b>	<b>1984-1989</b>	<b>1984-1989</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Director of architectural/engineering and engineering coordinator for this \$1 million to \$150 million project. Directed design, engineering, and construction management for new housing and existing housing modernization. Coordinated all construction contracts from award to close-out of the contract; reviewed/approved all construction pay requests, extra claims; prepared finding of fact; reviewed construction installation of various elements during the contract; and prepared contract close-out documents for CHA and HUD approval.			
e.	<b>Argonne National Lab, Nalco Chemical, American Crystal Sugar, Amoco, and Abbott Lab</b>	<b>1979-1983</b>	<b>1979-1983</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager for this \$3 million to \$45 million project. Directed engineering, procurement, and construction on an experimental facility of solid waste to methane gas. Prepared project proposals and executed the projects; prepared cost estimates and schedules; developed equipment lists to assist other projects; and directed engineering developing skid mounted pharmaceutical process located in Indonesia.			

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

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

16. NAME <b>Ken Steichmann</b> 	17. ROLE IN THIS CONTRACT <b>Construction Scheduling Specialist</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>24</b>	b. WITH CURRENT FIRM <b>6</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Oak Brook, IL</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) BS, Construction Supervision & Management, Business Minor, Western Michigan University		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Earned Value Management Systems Certification from PMA OSHA 10 hour Safety Training Certificate, Carpentry, Washburne Trade School	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Association for the Advancement of Cost Engineering			

**23. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Ottawa Production Facility</b> <b>Confidential Client</b> Ottawa, IL	<b>2008</b>	<b>2011</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Control Specialist providing schedule support using MS Project to both internal and external clients. Tracking engineering, procurement and construction activities to provide critical path analysis to clients. Updating monthly internal reports for management.			
b.	<b>Beryllium Production Project</b> <b>Brush Wellman</b> Elmore, OH	<b>2008</b>	<b>2009</b>	<b>7</b>
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Control Specialist providing support using Primavera P6 to create a procurement and construction schedule to client. On site interaction between construction management team and client.			
c.	<b>Tail Gas Project</b> <b>CITGO Petroleum Corporation</b> Lemont, IL	<b>2004</b>	<b>2005</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Control Engineer to develop the Construction level schedules for monitoring construction. Coordinated contractors to gather field progress on construction activities. Tracking change orders to original scope of services.			
d.	<b>MOX Fresh Fuel Fabrication Facility</b> <b>Department of Energy (DOE)</b> Argonne, IL	<b>2002</b>	<b>2004</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Project Control Specialist on a \$1.9 billion project controlling reviews of contractor reports. Conformance Review team member responsible for verifying contractor adherence to ANSI 748 Earned Value Management Systems.			
e.	<b>Building 335 Expansion</b> <b>Pharmacia</b> Kalamazoo, MI	<b>1997</b>	<b>2002</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Project Control Engineer to develop the Construction Project Management level schedule for monitoring engineering, procurement and construction. Tracked costs of engineering against assigned budgets. Coordinated engineering to gather costs for change notices.			

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

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

16. NAME <b>Richard J. Stanczak</b> 	17. ROLE IN THIS CONTRACT <b>Project Controls Specialist</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>40</b>	b. WITH CURRENT FIRM <b>2</b>

19. FIRM NAME AND LOCATION (City and State)  
**Middough Inc., Oak Brook, IL**

20. EDUCATION (DEGREE AND SPECIALIZATION)  
**BS, Architectural Engineering, Milwaukee School of Engineering**

21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Current holder of Wisconsin EIT Certificate, No. 7233.  
Received the Milwaukee School of Engineering Alumni Association Award for Outstanding Achievement at graduation commencement

**23. RELEVANT PROJECTS (Up to a maximum of 5 samples)**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Ottawa Production Facility</b> <b>Confidential Client</b> Ottawa, IL	<b>2008</b>	<b>2010</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Control Specialist providing project controls and document controls for both internal and external clients for a \$73 million project.				
b.	<b>Confidential Client</b> Corning, NY	<b>2011</b>		
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Scheduling for a multi-million dollar project.				
c.	<b>Chicago State University Library</b> Chicago, IL		<b>2005</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Estimator and Project Manager for a \$22,000,000 project.				
d.	<b>School of St. Mary South</b> Lake Forest, IL	<b>2005</b>	<b>2006</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Estimator and Project Manager School Renovations and Additions \$3,500,000				
e.	<b>St. Therese Hospital</b> Waukegan, IL	<b>1985</b>	<b>1986</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager for this \$25,000,000 project which included the following, <ul style="list-style-type: none"> <li>• Six Story Parking Structure</li> <li>• Four Story Professional Office Building, Shell and Tenant Finishes</li> <li>• Connecting Link and Bridge</li> <li>• New East and West Wings</li> <li>• HVAC Equipment &amp; Facilities Upgrade</li> <li>• Extensive Building Renovations, 40 percent of Existing Hospital</li> </ul>				

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

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

16. NAME <b>John Wenner</b> 	17. ROLE IN THIS CONTRACT <b>Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>1</b>

19. FIRM NAME AND LOCATION (City and State)  
**Middough Inc., Cleveland, OH**

20. EDUCATION (DEGREE AND SPECIALIZATION) <b>BS, Construction Management and Structural / Civil Engineering</b> (Double major / with honors), Spring Garden College, Philadelphia, PA	21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
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22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
PMI - Project Management Institute  
AACE International - Association for the Advancement of Cost Engineering  
CMAA – Construction Management Association of America

23. RELEVANT PROJECTS *(Up to a maximum of 5 samples)*

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER <i>(If included in Section F)</i>
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	
a.	<b>Pharmaceutical Bio-tech Centocor – Malvern, Pa</b>	<b>2005</b>	<b>2007</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Controls Engineer and assisted Project Manger with Project Engineer activities of new ISO Class 8 (Class 100,000) Bio-reactor pilot line. This process was installed in a facility with limited infrastructure for supporting process operations. HVAC design included a 6000 cfm custom air handling unit with 30% and 85% pre-filtration, electric preheat, chilled water cooling, 95% final filtration, and a variable frequency drive.				
b.	<b>Class 100,000 GMP Research Laboratory Centocor – Malvern, Pa.</b>	<b>2005</b>	<b>2006</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Controls Specialist/Project Engineer for the design and construction of a 3,000 SF Class 100,000 GMP research laboratory and pilot production facility. The project included a media and buffer prep lab, an in-process lab, as well as fermentation and recovery and purification spaces.				
c.	<b>Lonza Inc. – Williamsport, Pa Specialty Chemical and GMP Expansions and Upgrades</b>	<b>2002</b>	<b>2003</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Construction Manager / Project Engineer - EPCM for a variety of capital projects ranging in size from \$2 to \$60MM. Responsibilities included determining project scope then organize into major categories to outline deliverables and milestones, develop WBS in hierarchical format, develop a logic-linked schedule, outlined critical paths, determining primary a timetable for deliverables. As needed I modify critical paths based on prevailing conditions and developed workarounds to overcome obstacles..				
d.	<b>Lubricant Esters Plant - Detailed Design Croda Inc. Atlas Point, Wilmington, DE</b>	<b>2011</b>	<b>2011</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Controls Engineer and assisted with Project Engineering. Responsible for developing and maintaining the project schedule, an Earned Valve Management system, calculating CPI and SPI factors then trending future progress. This was a \$5.6MM EPCM services and fast track project delivery for an expansion to an existing Lubricant Esters production facility.				
e.	<b>Tank Farm Expansion– FEL 3 Engineering Croda Inc. Atlas Point, Wilmington, DE</b>	<b>2012</b>	<b>2013</b>	
(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer and Project Controls Engineer responsible for developing and maintaining; the project schedule, an Earned Valve Management system, calculating CPI and SPI factors then trending future progress. Additionally; provide technical leadership, coordinate technical inter-discipline activities (daily communications etc.), assist in preparing Project Status Reports/Updates, prepare / issue meeting agendas / minutes, identify / document technical problems early (scope changes, schedule conflicts, client or vendor delays), reviews Change Order requests and submit to PM for further action, communicate and resolve technical problems, ensure completeness, workability and constructability of design. Project scope includes FEL 3 engineering of a \$25MM Tank Farm Expansion project				

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

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

16. NAME <b>Michael Forrest</b> 	17. ROLE IN THIS CONTRACT <b>Project Engineer / Scheduler</b>	18. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>12</b>
19. FIRM NAME AND LOCATION (City and State) <b>Middough Inc., Cleveland, OH</b>			
20. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, University of Kentucky		21. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
22. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

23. RELEVANT PROJECTS (Up to a maximum of 5 samples)				
a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED		(3) EXAMPLE PROJECT KEY NUMBER (If included in Section F)
			PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>AK Steel</b> Ashland, KY	<b>2009</b>		
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager for miscellaneous projects throughout the mill for central engineering, maintenance and operations.			
	<b>Nucor</b> Jewett, TX	<b>1992</b>	<b>1993</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager and engineer responsible for the design of billet handling equipment from the caster runout table to the reheat furnace that included walking bed cooling tables, transfer tables and roll lines.			
	<b>North Star Steel Texas</b> Beaumont, TX	<b>1992</b>	<b>1992</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm <ul style="list-style-type: none"> <li>• Project manager and engineer responsible for installation design and construction management of a new ladle refining/vacuum degassing facility and conversion of EAF to an eccentric bottom tap.</li> <li>• Project manager and engineer responsible for engineering and design of a new rolling mill cooling water system.</li> </ul>			
	<b>Beaver Valley Power Station</b> Shippingport, PA	<b>1987</b>	<b>1987</b>	
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduling engineer for construction and start-up of #2 unit of nuclear facility.			
	<b>AEDC Arnold Air Force Base</b> TN	<b>1989</b>		
	(4) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Scheduling and cost engineer for construction of test facilities.			

**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

**1**

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

**Medical Facility Replacement and Segregated Housing, Pickaway Correctional Institution, Orient, OH**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2008**

CONSTRUCTION *(if applicable)*

**Current**

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Ohio Department of Rehabilitation and Correction

b. POINT OF CONTACT NAME

Ron Chaney

c. POINT OF CONTACT TELEPHONE NUMBER

614.752.1052

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

Middough Inc. is the engineer for the design and construction of the new 74,000 SF new Segregation Unit and Medical Facility at the Pickaway Correctional Institution, Orient, OH. The facility consists of two major components, Medical Facility and a Corrections Segregation Unit. It is located within the secure perimeter of the Pickaway Correctional Institution. Middough developed an overall project plan to establish major project milestones to ensure the detailed design schedule was correctly integrated with construction activities and overall project goals. This schedule was developed using Primavera P6 for project control.

The Medical Facility includes an Outpatient Clinic for outpatient exam and procedures, a X-Ray Imaging Facility, 32-Chair Outpatient Dialysis Clinic, Dental Clinic, Acute Care Inpatient Facility, Pharmacy, and 155 Bed Sub-Acute Care Inpatient Facility. The medical facilities are on two floors in a steel superstructure with masonry and light-weight building enclosure.

The Corrections Segregation Unit has 104 beds and includes secure construction, electronic surveillance, electronic access control, and support facilities. It is one-story concrete masonry and precast concrete construction.

The site design of the project included a sanitary flow study for addition of the new facility flow into the existing sewer system. Phase I work included sanitary sewer relocation design and associated permitting for installation and addition of two parking areas for parking relocation. Phase II work included the facility site development consisting of site layout, grading and utility improvements. The site was developed in cooperation with the Ohio Historical Society, which represented the interests of adjacent historical facilities (including an historic cemetery). A site improvement Storm Water Pollution Prevention Plan (SWPPP) including post development of Best Management Practices (BMP) was developed including the associated permitting applications for submittal to Ohio EPA.

**Relevance**

- Overall Project Planning
- Detailed Scheduling
- Coordination of Design, Procurement, and Construction Activities



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1). FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<p>a. </p>	Cleveland, OH	Project Planning and Scheduling, Civil, Fire Protection, HVAC, Plumbing, Structural, and Construction Administration

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>2</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>10MW Combined Cycle Cogeneration Facility</b> Toledo, OH	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION <i>(if applicable)</i> <b>2008</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City of Toledo</b>	b. POINT OF CONTACT NAME <b>Mike Schreidah, Project</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>419.727.2607</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Toledo, Ohio, Department of Public Utilities, Division of Water Reclamation is proceeding with the development of a "Green Energy" landfill methane gas cogeneration facility at its Bay View Wastewater Treatment Plant (WWTP.) This project will provide substantial economic, environmental, and reliability benefits to the city of Toledo. The city's Hoffman Road Sanitary Landfill bio gas, (currently being flared) will fuel the cogeneration facility to provide primary power for the Bay View WWTP and other city facilities. The cogeneration facility will also be fueled utilizing digester bio gas generated at the Bay View WWTP. The City has contracted with Middough Inc. to provide the engineering and design services for the Electrical Power Cogeneration System and Related Facilities, and with Solar Turbines Inc. to provide the Combined Cycle Cogeneration Systems / Balance of Plant equipment and Gas Treatment and Cleaning Systems equipment. Middough prepared a detailed design schedule to coordinate design activities with procurement, construction, startup and commissioning.

**Relevance**

- Development of Work Breakdown Structure and Cost Structure.
- Development of Standard Reporting Format for Monthly Status Reports
- Development of Overall Project Plan Coordinating, Design, Procurement, and Construction Activities.

The 10 MW Landfill / Digester Biogas Combined Cycle Cogeneration System consists of the following:

- Two Mile LFG Pipeline, 4.16KV Feeder, and Fiber Optic Tie
- Landfill and Digester Gas Treatment Equipment
- Facility Building Additions (WWTP and Landfill)
- High and Low Pressure Gas Compressors (300# 2000 scfm)
- LFG/DG/NG Gas Mixing Station (Full Fuel Variability)
- Combustion Turbine and Generator (6MW CT)
- Heat Recovery Steam Generator (80,000#/HR, 650#, 700°F HRSG)
- Steam Turbine and Generator (6MW ST)
- Feed Water and Water Treatment Systems(DI Make-Up Water)
- Condenser and Cooling Towers (Fully Condensing)
- Paralleling Switchgear and Control (69KV, 4.16KV Generation)
- Facility PLC/HMI Control System (Allen-Bradley Control Logix PLC with Wonderware HMI)



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1). FIRM NAME 	(2) FIRM LOCATION <i>(City and State)</i> Cleveland, OH	(3) ROLE Project Planning and Scheduling, Architectural, Civil, Structural, Mechanical, Electrical, MEP, Process, Environmental, Instrumentation & Controls, Construction Administration, & Construction Management
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)</i>		24. EXAMPLE PROJECT KEY NUMBER (1 – 10) <b>3</b>
25. TITLE AND LOCATION <i>(City and State)</i> <b>Cleveland Division of Water Plant Enhancement Program (PEP)</b> Water Department, City of Cleveland, OH		26. YEAR COMPLETED PROFESSIONAL SERVICES <b>2007</b> CONSTRUCTION (if applicable) <b>2010</b>

27. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Cleveland	b. POINT OF CONTACT NAME Chris Nielson	c. POINT OF CONTACT TELEPHONE NUMBER 216.664.2444

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

The drinking water delivery system served by the City of Cleveland Water Department was developed in the late nineteenth and early twentieth century. EPA directives require the City to modernize this system. The resulting Program was planned to occur in three phases, each phase lasting from 5 to 7 years. The scope of the various subprojects range from process chemical to the restoration of historically significant buildings.

The master schedule developed for the Program covered planning, design, permitting, and construction for each phase and for each subproject within each phase, integrating consultant and contractor schedules to meet pre-determined milestone completion dates. Adding to the complexity of the planning was the fact that there could be no interruption in service or decrease in the quality of the product delivered.

At completion the Program will have completely renovated or replaced the following facilities:

**Phase I**

- Baldwin Filters
- Baldwin Filter Building
- Baldwin Administration / Chemical
- Nottingham Filters
- Nottingham Blower Building and Site
- Nottingham Chemical
- Morgan Finished Water Pump Station
- Morgan Filter / Administration Building
- Morgan East Reservoir
- Morgan West Reservoir

**Phase II**

- Baldwin Pretreatment
- Baldwin Rapid Mix
- Nottingham Pretreatment
- Nottingham Administration Building
- Nottingham Backwash Clarifiers
- Nottingham Residuals
- Morgan Intake Improvements
- Morgan Chemical Facility
- Crown Low Voltage Electrical

**Relevance**

- Primavera Scheduling Software was Used
- The Schedule was Developed Using the Rolling Wave Method
- The Schedule was Organized Using a Clearly Defined WBS Structure
- As Consultants and Contractors Were Brought on Board, Their Schedules were Integrated into the Master Schedule
- Contractor and Consultant Schedules were Analyzed for Contract Compliance
- The Schedule was Cost Loaded
- Earned Value Analysis was Used to Validate Consultant and Contractor Invoices
- Reports were Generated Monthly

**Phase III**

- Baldwin Residuals & Reservoir
- Baldwin Plant Fairmount Pumps & Bldg
- Baldwin Kirtland Pumps & Electrical
- Nottingham Pumping Rehabilitation
- Nottingham Reservoir Rehabilitation
- Morgan Residuals Pretreatment, Raw Water Pumps
- Morgan Division Avenue Relocation
- Morgan Filter

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME Project performed by John Janssen prior to joining Middough, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Cleveland, OH	(3) ROLE Project Controls, Construction Administration, and Construction Management

**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  
**4**

21. TITLE AND LOCATION <i>(City and State)</i> <b>Cleveland Hopkins International Airport Expansion Program</b> <b>Department of Port Control, City of Cleveland, OH</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2001</b>	CONSTRUCTION <i>(if applicable)</i> <b>2004</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Department of Port Control City of Cleveland	b. POINT OF CONTACT NAME Jon Mok	c. POINT OF CONTACT TELEPHONE NUMBER 216-265-6022
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Cleveland International Airport is the oldest airport of its size in the nation, has been in continuous operation since 1925. After 70 years of service, the configuration of the airport was no longer well suited to support the operations of modern airlines. FAA safety regulations made upgrading the airport within its existing footprint problematic. The City working with planning consultants determined the best path forward and worked with NASA Glenn Research Center around land acquisition. The land acquisition alone literally required an act of Congress.

The resulting Program consisted of over 20 projects with more than 150 subprojects. The schedule coordinated planning and plan review with the FAA, funding and approval cycles within the City's processes, design, permitting with the FAA, the OEPA, and Army Corp. among others, and construction for each project and between projects. Adding to the complexity the airport is open for business 24 hours a day, 365 days a year and operations and safety could not be impacted.

Major components of the Program included:

- Construction of a new 7,000 foot runway
- Relocation of a portion of the NASA research facilities at NASA Glenn Research Center
- The filling of Abrams Creek
- Installation of new Navigational Aids (NAVAIDS) allowing an upgrade of the airport from CAT II to CAT III
- Relocation of major roadways and several businesses surrounding the airport
- Upgrades to the FAA facilities and equipment in the control tower
- Expansion of the airport terminal
- Relocation of parking and rental car facilities and parking garage construction
- Relocation of the 138kV power supply from steel towers to underground conduit

**Relevance**

- Prepared Work Breakdown Structure and Cost Structure
- Prepared a Schedule of Values
- Coordinated Project Schedule with Contractors' Schedules
- Performed Earned Value Analysis for Contractor Invoices
- Schedule Analysis for Claims Defense



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME Project performed by John Janssen prior to joining Middough, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Cleveland, OH	(3) ROLE Project Controls, Construction Administration, and Construction Management
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**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> <b>Warm, Safe and Dry School Renovation Program          Cleveland Municipal School District, Cleveland, OH</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2003</b>	CONSTRUCTION <i>(if applicable)</i> <b>2005</b>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER <b>Cleveland Municipal School District</b>	b. POINT OF CONTACT NAME Denny Donohoe	c. POINT OF CONTACT TELEPHONE NUMBER 216.574.7171
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Middough provided facility assessment verification to determine the probable costs associated with the stabilization of 23 school buildings in the Cleveland Municipal School District from K-12. In support of the cost development preliminary schedules were developed to confirm timing impacts on cost in addition to the basic scheduling for execution of the verification tasks. The studies were performed under the leadership of the Ohio School Facilities Commission (OSFC.) All assessments included detailed design and construction document packages for the building stabilizations.

In addition, Middough developed construction drawings and specification packages for each school resulting in a value-engineering analysis. Value engineering studies performed by Middough resulted in the OSFC granting design variances to use insulated glass window systems and sprayed-on polyurethane foam roof systems resulting in a 40% savings over the standard window and roof systems specified by the OSFC Design Standards.

Items covered by the Warm, Safe and Dry school renovation program included window and door systems, roof systems, ADA ramps and parking, asphalt pavement replacement and/or repair and sidewalk and curb replacement and/or repair.



**Relevance**

- Schedule Development to Confirm Cost Estimate Time Frames.
- Establishing a Format to Prioritize Individual School Renovation Projects within the Overall Program.
- School Assessment Verifications to Support Overall Project Objectives.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1). FIRM NAME 	(2) FIRM LOCATION <i>(City and State)</i> Cleveland, OH	(3) ROLE Project Planning and Scheduling, Architecture, Engineering.
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>6</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Consolidation and Integration for Science and Technology Center</b> Granville, OH	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  <b>2001</b>	CONSTRUCTION <i>(if applicable)</i>  <b>2002</b>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER  <b>Owens Corning</b>	b. POINT OF CONTACT NAME  Dr. Charles Pratt	c. POINT OF CONTACT TELEPHONE NUMBER  740.321.6466
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Middough was retained by Owens Corning to manage the programming, project, and construction management to integrate multiple buildings at this Science and Technology Center. Development of project and construction schedules for planning and control of this highly integrated effort was to key to its overall success. This permitted Owens Corning to consolidate several pilot plant and laboratory operations, located in five buildings, into two, reducing operating costs by an estimated \$1 million per year. The project solution facilitated the physical and cultural integration of multiple operations to reduce duplicated equipment, increase utilization, and foster communication between different business units.

- The design was completed in phases to minimize the disruption of the operations of the labs.
- Interfaced closely with client personnel for scheduling the relocation.



## Relevance

- Planning for Consolidation of Campus Facilities
- Planning / Coordination of Construction Activities on Active Campus to Minimize Disruptions
- Integration/ Coordination of Contractor Schedules in Program Master Plan
- Schedule Maintenance/Updates
- Project Status Reporting

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1). FIRM NAME  	(2). FIRM LOCATION <i>(City and State)</i>  Cleveland, OH	(3). ROLE  Architectural, Structural, Civil, Mechanical, Electrical, Plumbing, and Construction Administration
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>7</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Beryllium Manufacturing Plant</b> Elmore, Ohio	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION <i>(if applicable)</i> <b>2011</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  Brush Wellman	b. POINT OF CONTACT NAME  P.W. (Greg) Gregory Program Manager	c. POINT OF CONTACT TELEPHONE NUMBER  (419) 862-4180
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Brush Wellman has retained Middough to design a new \$90+ million facility that will produce primary beryllium, the feedstock material used to produce beryllium metal products. Beryllium is a metallic element used in the manufacture of high speed aircraft and missile parts, among other things. The new facility represents a key step toward the return of a sustainable domestic supply, critical to the nation's strategic interests.

Brush Wellman received a contract award from the Department of Defense's Defense Production Act, Title III Program for the engineering and design of this facility.

The new facility has been designed with state-of-the-art safety features and will be heavily automated. The facility design is unique in that it incorporates traditionally separate functions into one facility. The design integrates process plant and chemical operations with food science and clean room standards. This blend of requirements and capabilities challenged Middough's HVAC designers to provide a system capable of meeting diverse, and at times, divergent needs. Also woven into the facility design is a robust material handling component that efficiently handles the Beryllium material as it passes through the facility. The structure of the building is a pre-fabricated high bay metal building.

Customer concerns for this project were many, but those concerns centered around how a material processing facility incorporating many different and competing requirements could be designed and built. Middough's capabilities and depth of experience in a variety of areas and specifically those areas of expertise required for this facility were what Brush Wellman was looking for. Middough staff partnered with Brush Wellman's to understand their particular process and assist Brush Wellman with putting the pieces together to form a complete project.

## Relevance

- Development of Work Breakdown Structure and Cost Structure
- Development of Design, Procurement, and Detailed Construction Schedules
- Developed Standard Reporting Format for Monthly Status Reports
- Maintained and Updated Schedules Throughout Design and Construction



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1). FIRM NAME 	(2) FIRM LOCATION <i>(City and State)</i> Multiple Offices	(3) ROLE Architectural, Civil, Structural, Mechanical, Electrical, Fire Protection, Plumbing, BIM Modeling, Construction Mgmt
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the Contracting Authority, or a maximum of 10 projects, if not specified. Complete one Section F for each project.)</i>		24. EXAMPLE PROJECT KEY NUMBER (1 – 10) <b>8</b>
25. TITLE AND LOCATION <i>(City and State)</i> <b>Air Separation Plant Relocation</b> Industrial Gas Manufacturer/TN		26. YEAR COMPLETED PROFESSIONAL SERVICES <b>2009</b> CONSTRUCTION (if applicable) <b>2009</b>
27. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Confidential	b. POINT OF CONTACT NAME David Blue (Contractor) Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER

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

Middough was contacted to assist a client with restarting a relocation project that had been started previously and then stopped for over a year. The project involved the relocation of a 130 TPD air separation unit that had been idle for five years from a steel mill in the southwest to a steel mill in Tennessee. With the exception of the cold box and some O2 and N2 storage tanks, the unit had already been dismantled, with various equipment items being shipped out for refurbishment, and then stored.

Middough assisted in updating the project cost estimate, primarily providing input for the bulk materials and installation labor. The total project budget was approximately \$12 million. The project schedule was revised and updated to reflect the restart incorporating completion of engineering, procurement, equipment relocation, construction, commissioning and start-up. The schedule was developed and maintained using Primavera P6 and included weekly updates to the owner and construction management team.

At the original site, Middough supervised the rigging of the storage tanks and cold box and the final clearing of the site. The cold box was shipped out of the country for refurbishment, and the tanks were shipped to various locations for re-use. Other logistic issues involved the refurbishment and shipping of two large compressors, the primary air compressor (3,000 HP) and the oxygen compressor (700 HP).

Middough sorted through a number of Conex boxes of materials that had been dismantled at the original site and shipped to the new site without being inspected or marked to determine if the contents could be re-used. Where items could not be re-used, new items had to be specified and bought.



Middough developed bid packages for the rigging and rough setting of major equipment, the final setting of equipment, piping and insulation, power and control wiring, and painting. Overall there were about 50 packages for equipment, equipment refurbishment, instrumentation and construction contracts. Middough assisted in finding qualified contractors, and conducted pre-bid meetings at the site. Middough provided full-time on-site construction management for the duration of the construction, through pre-commissioning, before turning the plant over to the client for start-up.

## Relevance

- Development of Work Breakdown Structure and Cost Structure
- Development of Overall Project Plan Coordinating Design, Procurement, and Construction Activities.
- Integration of Contractors Detailed Construction Schedules.
- Maintained and Updated Schedules Throughout Project.
- Developed Standard Reporting Format for Monthly Status Reports to Client

29. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a. (1) FIRM NAME 	(2) FIRM LOCATION <i>(City and State)</i> Cleveland, OH	(3) ROLE Project Planning, Scheduling, and Estimating, Process, Process Mechanical, Piping, Structural, Electrical, Instrumentation

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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 <p style="text-align: center;"><b>9</b></p>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Construction Management Services</b> <b>Capital Projects Management</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>1991</b>	CONSTRUCTION <i>(if applicable)</i> <b>1994</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>State of Tennessee</b>	b. POINT OF CONTACT NAME <b>Jerry Preston, Director</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>615-741-4226</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The State of Tennessee required Construction management support of the design and construction of two new medium security 1,000 bed prisons along with renovation/remodeling of three additional department of corrections sites. The construction management scope of services included site coordination, contractor oversight and master project development and maintenance for each site. Schedules were developed using Primavera P3, were cost loaded and incorporated direct input from design consultants, subcontractors as well as general contractors for each site. Monthly reports were submitted to Capital Projects for each of the five sites included schedule status, current vs. baseline, earned value analysis and cost summary including current EAC vs. current budget, etc, change order summary including approved, pending and potential. Schedule updates were provided to the CM and construction trade contractors on a bi-weekly basis for use in site coordination meetings.

Approximate Cost of Projects : \$81,000,000

The above services were provided under the direction Ed Rimpley prior to joining Middough

**Relevance**

- Design Schedule Development
- Construction Planning
- Schedule Maintenance
- Monthly Reporting

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. The above services were provided under the direction Ed Rimpley prior to joining Middough		Construction Administration, & Construction Management, Project Planning, Scheduling, and Estimating.

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>10</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Concept Study – National Windtunnel Complex</b> Washington, DC	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  <b>1993</b>	CONSTRUCTION <i>(if applicable)</i>  <b>N/A</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>NASA Headquarters</b>	b. POINT OF CONTACT NAME <b>Edwin Jones</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>205-544-7927</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

A major component of the Non-Advocate Review of the A and A Modified (A+) concepts for the National windtunnel complex, was the development of an overall program schedule incorporating program development, congressional approvals, concept selection, design engineering, procurement, construction, start-up and commissioning and validation. The objective of the planning effort was to establish the overall timing of the program and appropriation requirements for presentation to congress as part of the NASA budget request for fiscal 1994. The resulting schedule was cost loaded, distributing the \$2.8B budget across the various program phases to confirm budget requirements for each of the 11 fiscal years of the program life.

The windtunnel complex incorporated two transonic windtunnels along with all required ancillary systems, site development and support facilities, six additional structures incorporating approximately 200,000 sq.ft.

Estimate Design & Construction Cost: \$2,800,000,000

The above services were provided under the direction Ed Rimpley prior to joining Middough

## Relevance

- Development of WBS & Cost structures
- Program Planning & Schedule Development
- Integration of Cost & Schedule

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1). FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	The above services were provided under the direction Ed Rimpley prior to joining Middough		Conceptual Engineering, Site Development Planning, Program Planning, and Master Schedule Development. Cost Estimating

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

30. NAMES OF KEY PERSONNEL (From Section E, Block 12)	31. ROLE IN THIS CONTRACT (From Section E, Block 13)	32. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
<b>Edwin C. Rimpley, PE</b>	<b>Project Management Lead</b>							X		X	X
<b>R. Neall Distad, AIA</b>	<b>Senior Management Lead</b>										
<b>Vincent DeVries, PE</b>	<b>Senior Scheduler</b>								X		
<b>John Janssen, PMP</b>	<b>Scheduler</b>	X	X	X	X			X			
<b>Phillip Schickel</b>	<b>Senior Scheduler/Estimator</b>	X	X			X	X	X	X		
<b>Andrew Jindra, EIT</b>	<b>Scheduler</b>										
<b>Michael McLaughlin</b>	<b>Scheduler</b>										
<b>James Wesley</b>	<b>Project Controls Manager</b>							X			
<b>Ken Steichmann</b>	<b>Scheduler</b>							X			
<b>Richard Stanzak</b>	<b>Estimator/Scheduler</b>										
<b>John Wenner</b>	<b>Scheduler</b>										
<b>Michael Forrest</b>	<b>Project Engineer/Scheduler</b>										

**33. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	<b>Medical Facility Replacement and Segregated Housing, Pickaway Correctional Institution</b> Orient, OH	6	<b>Consolidation and Integration for Science and Technology Center</b> Granville, OH
2	<b>10MW Combined Cycle Cogeneration Facility</b> Toledo, OH	7	<b>Beryllium Manufacturing Plant</b> Elmore, Ohio
3	<b>Cleveland Division of Water Plant Enhancement Program (PEP), City of Cleveland Water Department</b> Cleveland, OH	8	<b>Air Separation Plant Relocation Industrial Gas Manufacturer</b> Tennessee
4	<b>Cleveland Hopkins International Airport Expansion Program Department of Port Control, City of Cleveland,</b> Cleveland, OH	9	<b>Construction Management Services Capital Projects Management</b>
5	<b>Warm, Safe and Dry School Renovation Program Cleveland Municipal School District</b> Cleveland, OH	10	<b>Concept Study – National Windtunnel Complex</b> Washington, DC

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## H. ADDITIONAL INFORMATION

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34b. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE CONTRACTING AUTHORITY. ATTACH ADDITIONAL SHEETS AS NEEDED.

### Introduction

Middough provides the State Architects Office with a team of project control specialists experienced in a broad range of project types and sizes in support of federal, state and local governments as well as institutional and private industry clients. Project planning and scheduling experience includes planning for concept studies as well as large a design, EPCM and design-build projects.

With our project leadership and primary resources located in our Cleveland and Toledo offices we are well situated to support State Architects Office projects throughout the state. In addition our depth of corporate resources will allow us to meet short staffing requirements from other Middough locations when necessary.

### Project Leadership

**Senior Management Lead, Neall Distad, AIA** will be responsible for assuring all contractual objectives are successfully accomplished for the State Architects Office on each individual project assigned to Middough Inc. Neall is a registered architect in the State of Ohio with more than 22 years of project management experience.

**Project Management Lead, Edwin Rimpley, PE** will be responsible for the assignment project schedulers and will direct development project planning, scheduling and reporting effort ensuring consistency and quality of services. Ed is a registered civil engineer with more than thirty five years experience design, construction, project planning and scheduling across a broad range of project and facility types and sizes using a variety of project/program delivery systems.

**Senior Scheduler, Vince DeVries, PE** will execute assign project schedules and provide oversight and support to the scheduling staff in the structure and organization of project schedules to meet the OSA requirements for project control and reporting.

**Scheduling Staff** consisting of 9 qualified individuals will be individually assigned by Mr. DeVries to each project. Scheduling staff assignments will be made to provide the best capabilities to meet the specific project objectives for each assigned individual project.

### Current Workload and Availability of Staff

Our Team is currently available to meet the needs of the State Architects Office outlined under the scope of work. We provide you with our commitment to maintain the staff assignments through completion of the work. In addition, by having a qualified team of 9 individual schedulers, we are able to assure the State Architects Office of our ability to meet the requirements of individual project assignments made to Middough Inc.

### Project Approach

The Middough team recognizes the nature of the program in that project assignments will be on an as need basis from the State Architects Office during the contract period beginning July 2011 through June 2013, and that project scope and size may vary significantly. This reflects the requirements our project planning and scheduling team works to support and provide control for our projects on a routine basis.

Middough's primary project planning and scheduling tool is Primavera's P6 Project Planner. This is a web hosted enterprise based software application that is a standard in the AEC industry. P6 easily addresses small projects as well as large multi-project programs. It can incorporate resource and cost loading and provide earned value analysis reporting for single project or for multi-project programs. Several of our staff have more than twenty years experience working with Primavera's software packages and are well versed in most of its capabilities. As a web hosted application all project data is easily accessible from any location with internet access. In addition all of the scheduling staff also have MS project for use for those projects/clients that prefer it as their planning tool.

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## H. ADDITIONAL INFORMATION

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34b. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE CONTRACTING AUTHORITY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Middough's project planning approach is initiated with our APM<sup>2</sup> process.

The APM<sup>2</sup> process focuses on a planning session with all project stakeholders participating.

- The goal is to establish innovation and creativity early on in the project
- Establish mutual goals, provide milestones, constraints, summary schedules for all disciplines, licensing, permitting procurement and construction activities
- Establish the basis for planning and tracking activities to ensure all critical paths are identified and establish goals met.

The APM<sup>2</sup> session is documented and the results distributed to all project stakeholders. The results are used by the project scheduler as an outline for the development of the detailed project schedule. A draft WBS structure is developed for the project with consensus between the project team and the client.

From this structure the appropriate level of detail for project control and reporting is confirmed and establishes a guide for project planning and control of subsequent project phases. Project reporting formats are prepared and submitted for approval.

The project schedule structure is planned to accommodate incorporation of additional detailed schedule data directly from consultant and contractor schedules along with maintenance and update information throughout the project life cycle.

Typical project schedule reports distributed on a weekly or bi-weekly basis include:

- Executive Summary
- Critical Path
- Variance Report
- 3 Week Look Ahead

### **Experience working with Ohio governmental and Municipal agencies:**

Middough Inc. has in-depth experience in providing scheduling services as part of our architectural and engineering design services to our public clients throughout the State of Ohio. Middough Inc. has worked successfully with many state, county and municipal agencies in Ohio.

Below is a listing of our current governmental clients in Ohio for your information.

- Ohio Department of Natural Resources, Division of Engineering: Beth Pratt, Assistant Chief Engineer
- Ohio Department of Rehabilitation, Tim Elmer, Project Manager
- The City of Toledo, Michael Schriedah, P.E. Department of Public Works

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I. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

35. SIGNATURE

36. DATE  
April 20, 2011

37. NAME AND TITLE

R. Neall Distad, AIA, Senior Project Manager

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## H. ADDITIONAL INFORMATION

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34b. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE CONTRACTING AUTHORITY. ATTACH ADDITIONAL SHEETS AS NEEDED.

### Client Testimonials

We strongly urge you to make contact with the project managers and clients for the projects we have included in our proposal. We understand the importance of selecting the right firm who will work successfully with you to achieve the goals, scope of work and cost parameters set for this project. We believe these people will offer a candid assessment of our performance for you.

## CITY OF TOLEDO



### DEPARTMENT OF PUBLIC UTILITIES

March 20, 2009

#### Reference Letter for Middough, Inc.

The City of Toledo contracted with Middough, Inc. in 2005 to provide design engineering and construction management for a 32-Million Dollar Electrical Power Cogeneration Project. Middough provided a complete design, which included architectural, civil, process, mechanical and electrical engineering work. They continued to provide construction management and inspection services during the construction of the cogeneration facilities at both, the Bay View Water Reclamation Plant and the Hoffman Road Landfill. The Cogeneration Project will be completed this summer.

During the course of the Cogeneration Project, I got to interact with Middough engineers from all disciplines. They displayed an outstanding level of engineering Knowledge and experience. I was impressed with the level of details provided by Middough engineers, and in particular Marty Ellman and Steve Simpkins. These two fine engineers have initiated and continued to provide excellent engineering and construction management services. They have been involved in the day-to-day construction activities and managed to analyze and respond to all questions and requests for information and clarifications put forth by the construction contractors and major subcontractors. They have also been involved in the coordination work between the equipment manufacturers and construction contractors. In addition, Middough has conducted a bi-weekly construction meeting to cover construction progress and equipment installation with the various contractors.

I have worked with several engineering firms over the last 20 years, and found that Middough has delivered the best engineering and construction coordination work. I would highly recommend hiring Middough and their project manager, Marty Ellman, for any power engineering projects.

Should there be any questions, please feel free to contact me at 419-266-7207.



Michael A. Schreidah, PE  
Project Manager  
City of Toledo / DPU

Pc: Martin F. Ellman, Project Manager, Middough, Inc.  
F. Chris Middlebrough, Commissioner, Division of Water Reclamation

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**H. ADDITIONAL INFORMATION**

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34b. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE CONTRACTING AUTHORITY. ATTACH ADDITIONAL SHEETS AS NEEDED.

**PROPOSER AFFIRMATION AND DISCLOSURE**

The Lead Firm or Joint Venture (“Proposer”) acknowledges that by signing this Statement of Qualifications, that it affirms, understands, and will abide by the requirements of Executive Order 2010-09S issued by Ohio Governor Ted Strickland. If awarded a Contract, the Proposer affirms that both the Proposer and its Consultants shall perform no services requested under the Agreement outside of the United States. The Executive Order is available at the following Web site: <http://www.governor.ohio.gov/Default.aspx?tabid=1495>.

The Proposer shall provide the locations where services under the Contract will be performed in the spaces provided below or by attachment. Failure to provide this information as part of its Statement of Qualifications will cause the Proposer to be deemed non-responsive and no further consideration will be given to its Statement of Qualifications. If the Proposer will not be using Consultants, indicate “Not Applicable” in the appropriate spaces.

1. Principal business location of the Proposer:

**1901 East 13<sup>th</sup> Street**  
Address

**Cleveland, OH 44115**  
City, State, Zip

2. Location where services will be performed by Proposer:

**1901 East 13<sup>th</sup> Street**  
Address

**Cleveland, OH 44115**  
City, State, Zip

Locations where services will be performed by Consultants:

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

3. Location where state data will be stored, accessed, tested, maintained, or backed-up, by Proposer:

**1901 East 13<sup>th</sup> Street**  
Address

**Cleveland, OH 44115**  
City, State, Zip

Locations where state data will be stored, accessed, tested, maintained, or backed-up by Consultants:

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Address

\_\_\_\_\_  
City, State, Zip

# STATEMENT OF QUALIFICATIONS

1. PROJECT NUMBER (if any)  
DAS-115888

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Middough Inc.				3. YR ESTABLISHED 2007	4. FTID NUMBER [REDACTED]
2b. STREET 1901 East 13 <sup>th</sup> Street				5. OWNERSHIP	
				a. TYPE Corporation	
2c. CITY Cleveland	2d. STATE OH	2e. ZIP CODE 44114	2f. COUNTY Cuyahoga	b. EDGE STATUS Not Certified	
6a. POINT OF CONTACT NAME AND TITLE Neill Distad, AIA; Senior Project Manager			6b. PRESIDENT/CEO Ron Ledin, PE	7. NAME OF FIRM (If Block 2a is a branch office.) Middough Inc.	
6c. TELEPHONE NUMBER 216-367-6020		6d. E-MAIL ADDRESS distadrn@middough.com			
8a. FORMER FIRM NAME(S) (If any) Middough Consulting Inc. Middough Associates, Inc.				8b. YR ESTABLISHED 1950	8c. FTID NUMBER [REDACTED]

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) LICENSED	(2) NON-LICENSED			
02	Administrative	2	43	A12	Automation; Controls; Instrumentation	12
06	Architect	8	2	C04	Chemical Processing and Storage	14
08	CADD Technician		37	C08	Codes; Standards; Ordinances	3
10	Chemical Engineer 350	7	8	C10	Commercial Bldg (Low Rise), Shopping Ctrs.	12
12	Civil Engineer	4	3	C11	Community Facilities	3
15	Computer Programmer (I & C)	5	9	C15	Construction Management	14
16	Construction Inspector	1	3	C18	Cost Estimating	8
18	Construction Manager		9	D04	Design Build – Preparation for RFPs	5
21	Cost Engineer/Estimator		2	E02	Educational Facilities; Classrooms	6
22	Electrical Engineer	11	10	E03	Electrical Studies and Design	7
23	Environmental Engineer	1	0	E05	Elevators; Escalators; People-Movers	3
35	Fire Protection Engineer	2	2	E07	Energy Conservation	13
41	Industrial Engineer	3	0	F03	Fire Protection	2
42	Mechanical Engineer	15	10	G01	Garages; Vehicles Maintenance Facility	6
48	Project Manager	20	0	G02	Gas Systems (Propane; Natural; Etc.)	4
51	Scheduler		2	H04	Heating; Ventilating; Air Conditioning	13
53	Structural Engineer	13	8	H09	Hosp. & Medical Fac.	4
57	Curtain Wall Consulting	0	0	I01	Industrial Bldgs.; Manuf. Plants	13
	Laboratory Planning & Design	8	0	L01	Laboratories; Medical Research Facilities	5
				O01	Office Buildings; Industrial Parks	7
				P07	Plumbing and Piping Design	14
	Other Employees	2	4	P12	Power Generation, Transmission, Distribution	13
				R04	Recreation Facilities (Parks, Marinas)	3
				R08	Research Facilities	6
				S09	Structural Design, Special Structures	13
				U03	Utilities (Gas & Steam)	13
				W01	Warehouse and Depots	7
Total		102	152			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 2 YEARS (Insert revenue index number shown at right)	PROFESSIONAL SERVICES REVENUE INDEX NUMBER															
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">a. Work for this Contracting Authority</td> <td style="width: 10%; text-align: center;">1</td> <td style="width: 35%;">           1. Less than \$50,000            2. \$50,000 to less than \$100,000            3. \$100,000 to less than \$200,000            4. \$200,000 to less than \$300,000            5. \$300,000 to less than \$400,000         </td> <td style="width: 35%;">           6. \$400,000 to less than \$500,000            7. \$500,000 to less than \$600,000            8. \$600,000 to less than \$700,000            9. \$700,000 to less than \$800,000            10. \$800,000 to less than \$900,000         </td> <td style="width: 5%;">           11. \$900,000 to less than \$1,000,000            12. \$1,000,000 to less than \$2,000,000            13. \$2,000,000 to less than \$5,000,000            14. \$5,000,000 to less than \$10,000,000            15. \$10,000,000 or greater         </td> </tr> <tr> <td>b. Other State Work (see instructions)</td> <td style="text-align: center;">6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>c. Total State Work</td> <td style="text-align: center;">7</td> <td></td> <td></td> <td></td> </tr> </table>	a. Work for this Contracting Authority	1	1. Less than \$50,000 2. \$50,000 to less than \$100,000 3. \$100,000 to less than \$200,000 4. \$200,000 to less than \$300,000 5. \$300,000 to less than \$400,000	6. \$400,000 to less than \$500,000 7. \$500,000 to less than \$600,000 8. \$600,000 to less than \$700,000 9. \$700,000 to less than \$800,000 10. \$800,000 to less than \$900,000	11. \$900,000 to less than \$1,000,000 12. \$1,000,000 to less than \$2,000,000 13. \$2,000,000 to less than \$5,000,000 14. \$5,000,000 to less than \$10,000,000 15. \$10,000,000 or greater	b. Other State Work (see instructions)	6				c. Total State Work	7				
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b. Other State Work (see instructions)	6															
c. Total State Work	7															

**12. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 4/20/2011
c. NAME AND TITLE Neill Distad, AIA, Senior Project Manager	

Provide a separate Part II form for each firm or branch office participating on the proposed project team.