



The Thomas Consulting Group LLC
Arizona - Illinois - Florida

Southwest Regional Operations

SF 330 Qualifications

Value Engineering & Electrical Estimating Services

A Service Disabled Veteran Owned Business
Web: www.vecourse.com

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

TITLE AND LOCATION (*City and State*):

1. PUBLIC NOTICE DATE:
2. SOLICITATION OR PROJECT NUMBER:

B. POINT OF CONTACT

3. NAME AND TITLE: **Abraham Thomas, Partner, or Richard D. Ridgeway, Managing Partner**
4. NAME OF FIRM: **The Thomas Consulting Group LLC**
5. TELEPHONE NUMBER: **602-249-1581 or, 708-804-0134**
6. FAX NUMBER: **602-864-3604**
7. E-MAIL ADDRESS: **thomasconsultgroup@sbcglobal.net**

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

-
- 9a. PRIME ():
 - 9a. JOINT-VENTURE PARTNER ():
 - 9a. SUBCONTRACTOR ():
 - 9a. FIRM NAME: **The Thomas Consulting Group LLC**
 - 9a. IF BRANCH OFFICE ():
 - 10a. ADDRESS: **1415 W. Ocotillo, Phoenix, AZ 85013**
 - 11a. ROLE IN THIS CONTRACT: **A SDVOB providing value engineering and electrical estimating services**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Alphonse J. Dell'Isola, PE, RICS, FSAVE	13. ROLE IN THIS CONTRACT Lead Value Engineering CVS	14. YEARS EXPERIENCE	
		a. TOTAL 50	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Thomas Consulting Group LLC. Melbourne, FL Service Disabled Veteran Owned Business			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Massachusetts Institute of Technology BS (CE), 1950		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Commonwealth of Massachusetts, P.E Fellow of the International Society of American Value Engineers (SAVE)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Dell'Isola formerly served as Director of Value Engineering for the Naval Facilities Engineering Command and for the Corps of Engineers in Washington, D.C.			

Awards:

Engineering News-Record cited him in 1964 for outstanding achievement in the introduction of value engineering to the construction industry.

Society of Japanese Value Engineers Presidential Citation

Exceptional Service Award from the World Trade Center (1993) for his input in the disaster reconstruction.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SAVE Approved Value Engineering Online Certification Course. Location: www.vecourse.com/sdvob.htm	2003-Present	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Specific Role: Value Engineering Instructor Project: This is the only online value engineering course approved by "SAVE International" for Mod I - Part I Certification. The course was co-developed by AI and adapted to the Internet by Richard Ridgeway, Managing Partner, Thomas Consulting Group. AI has and is, providing value engineering and life cycle cost (LCC) online training to individuals and corporations worldwide. Project cost is N/A		
b.	Brookhaven National Lab - NSLS-II Project Value Engineering Study Upton, NY	2007	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm NSLS-II is a proposed new state-of-the-art medium energy storage ring designed to deliver world leading brightness and flux with top-off operation for constant output. Project Cost: + \$350 Million		
c.	World Trade Center Memorial Site, New York, New York	2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Specific Role: VE Study Facilitator (DD Phase) Project: Construction is in progress of a World Trade Center Memorial called Reflecting Absence, by the Port Authority of New York and New Jersey. It is scheduled to open on September 11, 2009, exactly eight years after the day of the September 11, 2001 attacks. Project cost is + \$600 million.		
d.	Dulles International Extension, Vienna, VA	2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Specific Role: VE Study Facilitator Project: Dulles Metrorail will permanently connect Northern Virginia to the rest of the region, beginning in DC and following the Orange Line through Arlington County, extending through Tysons Corner, Reston, Herndon, Dulles International Airport and continuing into Loudoun County. Northern Virginia. Project cost is + \$500 Million		
e.	World Trade Center Memorial Site, New York, New York	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Specific Role: VE Study Facilitator Project: VE Study (Budget Phase) on the new World Trade Center Memorial Site. Project cost is + \$600 million		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Richard D. Ridgeway	13. ROLE IN THIS CONTRACT Electrical Estimator & VE Team Member/Coordinator	14. YEARS EXPERIENCE	
		a. TOTAL 45	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION *(City and State)*
The Thomas Consulting Group LLC.
Calumet Park, Illinois 60827

Service Disabled Veteran Owned Business

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
University of Chicago, Graduate School of International Economics (Research Paper-Steel Imports), Chicago Community Colleges, Illinois Institute of Technology, University of Illinois, and Roosevelt University.

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Licensed Electrical Contractor and Supervising Electrician, City of Chicago (#ECC92704)
Past Member, Society of American Value Engineers (SAVE International)
Past Member and Secretary, American Society of Professional Estimators, Detroit Chapter (1991)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Richard is a Service-Disabled Veteran (Viet Nam era Sea Bee) and Managing Partner of, The Thomas Consulting Group LLC. He has more than 30 years' construction management experience that, encompass such well known firms as Fluor Engineers & Constructors (Construction Engineer), and Saudi Aramco (Senior Cost Estimator). For many years he served as Chief Electrical Estimator to, Mr. Al Dell'Isola former Director of Value Management for, the Smith Group (A large Detroit Michigan AE firm).

Publications:

- * Chicago Electrical Contractors Exam Prep-Course
- *The Value Engineering Online Certification Course
- * Value Engineering Training - Hospital Course
- *The Life Cycle Costing for Facilities Online Course
- * Value Engineering Training - Oil Refinery Course
- * Value Engineering Training - Wastewater Treatment Plant Course
- * Value Engineering Training - Highway Interchange Course
- * Value Engineering Training - Project Scope & Budget Course
- * Value Engineering Training - Office Building Course

Note: *Richard Ridgeway and Al Dell'Isola courses at, www.vecourse.com

Training:

High Voltage Distribution - ComEd Substation Operator School
Soils and Concrete Testing - Valdez Oil Terminal Alaska, Fluor On-Site Testing Lab
Value Engineering Mod I - Certification Workshop (1989)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	SAVE Approved Value Engineering Online Certification Course. Location: www.vecourse.com/sdvob.htm	1998-Present	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Specific Role: Value Engineering Program Manager Project: This is the only online value engineering course approved by "SAVE International" for Mod I - Part I Certification. The course was co-developed by Alphonse J. Dell'Isola, PE, RICS, FCVS, and Richard (Managing Partner, Thomas Consulting Group). Richard has and is, providing value engineering and life cycle cost (LCC) online training to individuals and corporations worldwide. Project cost is N/A		
b.	Office Building Renovation Project, Chicago IL	2006	2006
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Specific Role: Electrical Estimator Project: Performed electrical estimate, load calculations, and electrical design for, 45,600 SF complex Project electrical cost \$250,000		
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	

	New Multi-Residential Electrical Renovation, and 1200 Amp Service Chicago, Illinois	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2007
c.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Specific Role: Electrical Estimator Project: Performed electrical estimate, load calculations, and electrical design for, 21 unit apt complex Project electrical cost \$160,000		
	New Multi-Residential & Commercial Facility Electrical Renovation Chicago, Illinois	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2007
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Specific Role: Electrical Estimator Project: Performed electrical estimate, load calculations, and electrical design for, 18 apartments, and 2 stores Project electrical cost \$230,000		
	New Chicago Main Post Office & Terminal – Chicago, IL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 1996	CONSTRUCTION (if applicable) 2001
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Specific Role: Electrical Estimator Project: Richard provided electrical change orders and bulletin estimates during, construction of Chicago's New Main Post Office and Terminal. Project cost \$250 Million.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Abraham Thomas	13. ROLE IN THIS CONTRACT VE Team Member	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION *(City and State)*
The Thomas Consulting Group LLC. South Holland, Illinois
Service Disabled Veteran Owned Business

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
University of Illinois - Chicago, Bachelor of Architecture 1971

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Thomas has more than 32 years of experience in the programming, design and construction of Industrial, Educational, Health, Corporate Offices and Residential Facilities. Projects Ranging from \$4M to \$1.8B.

The Thomas Consulting Group LLC a Service Disabled Veteran Owned Business was founded by Abraham Thomas in 2003, shortly after his twenty-two years of service, and retirement as General Manager of Construction, Asia Pacific Projects to the Motorola Corporation, and Richard Ridgeway (Managing Partner).

Mr. Thomas as a Senior Project Manager for, Facilities Management Department, Maricopa County, Phoenix, AZ personal expertise in the areas of construction, procurement, contract negotiation, programming, architectural and engineering design was invaluable to the successful completion of many projects in a timely and cost effective manner

Mr. Thomas as former director of construction, real estate, and facility engineering in Asia Pacific, Mr. Thomas was responsible for the organizational efforts required to design and construct Motorola facilities in the Asia Pacific Region.
Awards: SAVE International (formerly the Society of American Value Engineers) **Module I - Certification**

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Maricopa County Northeast Regional Court Center Phoenix, AZ	2006	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project: A new Maricopa County Northeast Regional Court Center Scope: Project Management Size: 104,000 square feet Cost: \$18.6 million Specific Role: Senior Project Manager		<input type="checkbox"/> Check if project performed with current firm
b.	Intel Corp, Pre-Construction Planning Chandler, AZ and Mainland China	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project: Intel's new semiconductor manufacturing base in Chengdu, China Scope: Pre-construction planning Size: 200,000 square feet Cost: \$200 million Specific Role: Clients Project Consultant		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	Intel Corp, Construction Feasibility/Cost Study Chandler, AZ and Mainland China	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project: Intel's new semiconductor manufacturing base in Chengdu, China Scope: Construction Feasibility/Cost Study Size: 200,000 square feet Cost: \$200 million Specific Role: Client's Project Consultant		<input checked="" type="checkbox"/> Check if project performed with current firm
d.	Motorola Semiconductor Wafer Fabrication Facility Tianjin, China	2003	

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Project: New Motorola Semiconductor Wafer Fabrication Facility in China

Scope: Site purchase, program, design, construction, tool hook up, and site service management

Size: 200,000 square feet

Cost: \$1.8 billion

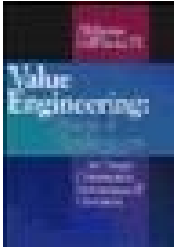
Specific Role: Director of Asia Pacific Construction for Motorola

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 1
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21. TITLE AND LOCATION (City and State) SAVE Approved Value Engineering Online Certification Training. Location: www.vecourse.com/index.html	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2003-Present	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The Thomas Consulting Group LLC	b. POINT OF CONTACT NAME Richard Ridgeway	c. POINT OF CONTACT TELEPHONE NUMBER 708-804-0134

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



Project description This is the only online certification course approved by SAVE International (formerly known as the Society of American Value Engineers) for Module I - Pt. I Certification. Participants receive automatically Module I - Pt. II Certification if, they have in the last 6 months, or will in the next 6 months participate in a Value Engineering Workshop (conducted by a CVS) as, a team member. After you have successfully passed the course, you will be sent by mail your certificate for, Module I Certification – Part I. This Online Value Engineering Course (Construction Oriented) is a WEBcourse delivered to students exclusively over the Web. The course combines multiple media to create a integrated learning tool that makes use of the Internet to teach the value engineering methodology. Our textbook "Value Engineering: Practical Applications" (R. S. Means Publisher), was authored by Al Dell'Isola, PE, RICS, FSAVE is the world's best selling textbook on value engineering, and is now printed in both English and Japanese.

Relevance to This Contract: Pre- Value engineering workshop team training to help reduce costs

Project Scope: Value Engineering certification training

Project Cost: N/A

Project Principal Elements: Life Cycle Costing, Value Management, and Cost Modeling

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. The Thomas Consulting Group LLC	Phoenix, Arizona	VE training provider

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

2

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

**Brookhaven National Lab - NSLS-II Project Value Engineering Study
Upton, NY**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2007

CONSTRUCTION (*If applicable*):

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Gilbane Building Company

b. POINT OF CONTACT NAME

Denis Boylan, AIA
Senior Manager

c. POINT OF CONTACT

TELEPHONE NUMBER
212-312-1615

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



Brief Description of Project: NSLS-II is a proposed new state-of-the-art medium energy storage ring designed to deliver world leading brightness and flux with top-off operation for constant output. The facility will be able to produce x-rays up to 10,000 times brighter than those produced at the NSLS today. Brookhaven proposes that the design and engineering of the new light source will begin in 2007, construction in 2009, and operations in 2015.

Relevance to This Contract: Conducting DD Phase VE Studies to reduce costs

Project Scope: VE study (DD Phase) on Brookhaven National Lab - NSLS-II Project

Project Cost: + \$350 Million

Project Principal Elements: Life Cycle Costing, Value Management, and Cost Modeling

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
The Thomas Consulting Group LLC	Phoenix, Arizona	VE Study Facilitator

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	21. EXAMPLE PROJECT KEY NUMBER 3
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21. TITLE AND LOCATION (City and State) New Multi-Residential & Commercial Facility Electrical Renovation, and 1200 Amp Service Chicago, Illinois	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Winchester Electrical Contractors	b. POINT OF CONTACT NAME William Ware, Owner	c. POINT OF CONTACT TELEPHONE NUMBER 708-331-8106

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

Brief Description of Project: An electrical renovation of a multi-residential and commercial facility

Relevance to This Contract: Installation of electrical building systems.

Project Scope: Performed electrical estimate, load calculations, and electrical design

Project Size: 18 apartments, and 2 commercial stores

Project electrical cost \$230,000

Project Principal Elements: Service & Distribution, Lighting & Power, Special Electrical Systems, and Emergency Power

26. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	The Thomas Consulting Group LLC	South Holland, Illinois	Electrical Estimator

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">4</p>
21. TITLE AND LOCATION <i>(City and State):</i> Intel Corp, Construction Feasibility/Cost Study Chandler, AZ and Mainland China	22. YEAR COMPLETED PROFESSIONAL SERVICES 2004	
CONSTRUCTION <i>(If applicable):</i>		

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Intel Corp	b. POINT OF CONTACT NAME Bob Predmore, CSC Manager of Projects	c. POINT OF CONTACT TELEPHONE NUMBER (408) 765-8080
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost):*



Brief Description of Project: Firm was hired by the Intel Corporation to perform a feasibility/cost study for, a new manufacturing facility in China. Work was performed in Chandler, AZ and Mainland China.

A \$375 million state-of-the-art facility in China for packaging and testing of its semiconductor products, in the southwest Chinese city of Chengdu, capital of Sichuan province

The first-phase of the factory costing \$200 million is expected to be operational in the second half of 2005, employing 675 staff members, and its second phase construction will cost \$175 billion to expand its capacity and employ more people.

Relevance to This Contract: Project feasibility, and cost studies to reduce costs

Project Scope: Construction Feasibility/Cost Study

Project Cost: + \$200 Million

Project Principal Elements: Construction Management, Value Management, and Cost Modeling

27. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
The Thomas Consulting Group LLC	Phoenix, Arizona	Client's Project Consultant

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	22. EXAMPLE PROJECT KEY NUMBER 5
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21. TITLE AND LOCATION (City and State) World Trade Center Memorial Site Value Engineering Study (DD Phase), New York, New York	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER World Trade Center	b. POINT OF CONTACT NAME Louis Menno, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 212-967-0236

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



Brief Description of Project: After conducting the DD Phase VE Study to reduce costs, construction is in progress of a World Trade Center Memorial called Reflecting Absence, by the Port Authority of New York and New Jersey. It is scheduled to open on September 11, 2009, exactly eight years after the day of the September 11, 2001 attacks. The memorial will be located at the World Trade Center site on the building footprint of the two destroyed towers; the Freedom Tower will be next to it

Relevance to This Contract: Conducting DD Phase VE Studies to reduce costs
Project Scope: VE study (DD Phase) on the new World Trade Center Memorial Site
Project Size: The winning design concept includes an approximately 3-acre at-grade landscaped plaza surrounding two pools of water recessed approximately 30 feet below grade.
Project Cost: + \$600 Million
Project Principal Elements: Life Cycle Costing, Value Management, and Cost Modeling

27. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. The Thomas Consulting Group LLC (Individual Experience of Alphonse J. Dell'Isola, PE, FSAVE)	Melbourne. FL	VE Study Facilitator

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	23. EXAMPLE PROJECT KEY NUMBER 6
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21. TITLE AND LOCATION (City and State) Dulles International Extension Value Engineering DD Phase Study, Vienna, VA	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Loudoun County, VA	b. POINT OF CONTACT NAME Kevin Cronin, VP Manager-Dulles International Extension	c. POINT OF CONTACT TELEPHONE NUMBER 703-288 5973

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

Brief Description of Project: Dulles Metrorail will permanently connect Northern Virginia to the rest of the region, beginning in DC and following the Orange Line through Arlington County, extending through Tysons Corner, Reston, Herndon, Dulles International Airport and continuing into Loudoun County. Northern Virginia will be connected like never before, providing unprecedented access through the region and options for where we live, work and play. The project will be built in two phases: First, extending Metro from the Orange Line between East and West Falls Church stations to Wiehle Avenue, and second, extending it through Reston and Herndon to Dulles Airport and Route 772 in Loudoun County.

Relevance to This Contract: Conducting DD Phase VE Studies to reduce costs

Project Scope: VE study (DD Phase) on the Dulles International Extension

Project Cost: + \$500 Million

Project Principal Elements: Life Cycle Costing, Value Management, and Cost Modeling

28. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	The Thomas Consulting Group LLC (Individual Experience of Alphonse J. Dell'Isola, PE, FSAVE)	Melbourne. FL	VE Study Facilitator

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">7</p>
21. TITLE AND LOCATION (<i>City and State</i>): World Trade Center Memorial Site VE Study (Budget Phase), New York, New York	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <p style="text-align: center;">2004</p>	CONSTRUCTION (<i>If applicable</i>):

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER World Trade Center	b. POINT OF CONTACT NAME Louis Menno, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 212-967-0236
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*):



Brief Description of Project: World Trade Center Memorial called Reflecting Absence, by the Port Authority of New York and New Jersey. It is scheduled to open on September 11, 2009, exactly eight years after the day of the September 11, 2001 attacks. The memorial will be located at the World Trade Center site on the building footprint of the two destroyed towers; the Freedom Tower will be next to it

Relevance to This Contract: Conducting Budget Phase VE Studies to reduce costs

Project Scope: VE Study Budget Phase on the new World Trade Center Memorial Site

Project Size: The winning design concept includes an approximately 3-acre at-grade landscaped plaza surrounding two pools of water recessed approximately 30 feet below grade.

Project Cost: + \$600 Million

Project Principal Elements: Life Cycle Costing, Value Management, and Cost Modeling

25. FIRMS FROM SECTION INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION (<i>City and State</i>)	(3) ROLE
The Thomas Consulting Group LLC (Individual Experience of Alphonse J. Dell'Isola, PE, FSAVE)	Melbourne, FL	VE Study Facilitator

H. ADDITIONAL INFORMATION

PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED:

The Thomas Consulting Group LLC Federal Government References

Project Name: Architect and Engineering Services - Construction for the Corps of Engineers, Kansas City District

Solicitation #: W912DQ-07-R-0045

Prime: Faithful+Gould

Subcontract: Provide electrical estimating, and value engineering services including, CVS facilitator for studies

Start: 2008 (Prime notified of award 11/2007)

End: 2010

Value: Indefinite Delivery/Quantity

Contact: Heather Collins-Allen (COE Contract Officer)

Phone: 816-389-3823

Contract Info: Architect and engineering services, procured in accordance with PL 92-582 (Brooks A-E Act) and FAR Part 36, are required to support the Value Engineering Services to the Kansas City District, U.S. Army Corps of Engineers. Selection was made for an Indefinite Delivery Type Contract with a base period not to exceed one year and two option periods not to exceed one year each. The amount of work in each contract period will not exceed \$1,000,000 and a total of \$3,000,000. An option period may be exercised when the contracts amount for the base period or preceding option period has been exhausted or nearly exhausted.

Name: Cost Estimates of Military and Civil Works Projects for the Corps of Engineers, Baltimore District (but may be used throughout the North Atlantic Division)

Contract: W912DR-07-R-0036

Prime: Faithful+Gould

Our Subcontract: Provide value engineering services including, CVS facilitator for studies

Start: 08/15/2007 (Prime notified of award)

End: 08/15/2010

Value: Indefinite Delivery

Contact: Mary Riche (COE Contract Officer)

Phone: 410 962-4880

Contract Info: Cost Estimates of Military and Civil Works projects for the U.S. Army Corps of Engineers, Baltimore and North Atlantic Division mission boundaries. The contract is for a three year period and the total contract amount will not exceed \$3,000,000.

Name: Construction Management Services for GSA Region 4

Contract: GS-04P-06-EW-D-0153

Prime: Heery International

Our Subcontract: Provide value engineering services including, CVS facilitator for studies

Start: 06/01/2007

End: 06/01/2012

Value: IDIQ

Contact: Paula Mensah (GSA Contract Officer)

Phone: 404-331-2748

Contract Info: Construction Management Services covering the SOUTHEAST SUNBELT REGION including the States of GA, AL, MS, TN, KY, NC AND SC.

The Thomas Consulting Group LLC

SELECTED VE RELEVANT EXPERIENCE

Alphonse J. Dell'Isola, PE, RICS, FCVS

INTERNATIONAL FACILITIES- Projects from Projacs from Riyadh, SA

Govt. Social Security (GOSI)
Hospital-
400 Beds at Al Asha
Riyadh, Saudi Arabia

Saudi German Hospitals
Al Yaseem, Riyadh- 350 Beds &
Abha Province - 400 Beds
Saudi Arabia

West Bay Resort Complex-
Hotel, Offices, Apartments & Marina
HQ Associates in Qatar, UAE

General Motors Dealership- Al Issa
Riyadh, Saudi Arabia

King Abdul Azziz Exhibition Ctr. And Park
Riyadh Dev. Corp. Riyadh, SA.

Director of Military Works (25n), Ministry of
Defense, SA.

Including: Air Force Base, Naval Base, Housing,
Maint. facilities, Hospitals, Camps, Headquarters, etc.

Aramco Corp., VP for Engineering
Corporate Office Complex
Oil Refinery - Aircraft Hangers
Dhahran, Saudi Arabia

Hi-Rise Business Complex, Riyadh
Corporate Office, Dammam for
Jeraisy Corp., Saudi Arabia

Saudi British Bank and
Saudi American Bank in Riyadh
Saudi French Bank in Jiddah, Saudi Arabia

VE study- Proposed Airport for Bahrain
Sponsored by MODA, Saudi Arabia

VE Study Al Kharj Air Force Base (Desert Storm)
For MODA, Riyadh, SA

Long term Nursing Ctr. Old Age & Private Nursing
Facility-Riyadh, Saudi Arabia.

400 Room Grand Offices/Condominiums Hyatt,
Exhibition Facilities,
and Twin Towers
Zara Investment Corp, Amman, Jordan

Saudi Arabian Basic Industries Inc. (SABIC)
Hi Rise Corporate Office Complex (2500 cap)
VE and Design Review- 4 Studies, Riyadh, SA

Abdul Latif Jameel Real Estate Dev.
8500 Room Hotel/Business Complex-Mecca, SA
400 Room Hotel-Medina, SA
500 Unit Condominium-Jiddah, SA
1000unit Hotel –Makkah, Saudi Arabia

Hi Rise Corporate Office Complex - NCCI
(Insurance), Riyadh, SA.
Long term Nursing Ctr. Old Age & Private Nursing
Facility-Riyadh, Saudi Arabia

Housing Complexes 3N for Saudi Hotels & Resorts
Dairy Processing Facility, Riyadh, Saudi Arabia

Large Projects in Kuwait including
Amiri Diwan-Government Center, National Bank of
Kuwait & Kuwait University, Gulf States Housing
Compound
Ministry of Public Works
Safat, Kuwait

NCCP Polypropylene plant (05) - for Jubail SA
By ABB Lumus Global of Bloomfield, N.J.

VE Study-Waste Water Treatment Plant &
Friday Mosque
Municipality of Riyadh, Saudi Arabia

VE Study- Riyadh Central Park and Facilities
City of Riyadh & MODA

ADDITIONAL OVERSEAS PROJECTS

Military Facilities (over 25 studies) –
Airfield/Naval Complexes, Barracks, POL
Facil., Transportation. Camps Utilities etc.

MEDICAL FACILITIES (Over 50)

Elmhurst Hospital & Queens Hospital Center
Modernization and Upgrade
Queens, New York for OMB, NYC

U.S. Public Health Service-Office
Research Triangle Park Raleigh, NC.

Mount Vernon Hospital
Arlington, VA.
Evans U.S. Army Hospital
Fort Carson, Colorado

Park Ridge Hospital
Syracuse, NY

Rosewell Cancer Park Institute
Buffalo, NY

INDUSTRIAL/RESEARCH FACILITIES

Oil Refinery & Electrical Upgrade in Saudi Chevron
at Redondo, CA

NASA-Washington, D.C.

Michoud, LA Rocket Assembly Facility
Supersonic Wind Tunnel
Canaveral Visitor=s / Exhibit Center
Ames Ctr. Wind Tunnel/hp Test Station
Large Rocket Test Pad, Huntsville, Lunar Lab at
Houston & Mt Kauai Optical Telescope

Port Authority of NY/NJ

World Trade Center Rehabilitation Elevators
Upgrade, Electrical Distribution& Restoration
HVAC, Operations Control Center, Security
Team (Post Blast)
New York, New York

Defense Intelligence Agency (NAVFAC)
US Navy - Washington, DC

OFFICE/COMMERCIAL COMPLEXES

Various Federal Office Buildings (10n) Including
Central Intelligence Agency
FBI Headquarters
General Services Admin.,
Washington, D.C.

Manager, Design & Construction (Over 10^N)
Corporate Facilities Central Office, Standards and
Criteria for Digital Corporation

Bedford, MA
Long Term Nursing Facility (300 Bed)
Long Beach, Long Island (NYC)

Indian Hospital
Cultural Center
Navajo Reservation, New Mexico

Hospitals and Related Facilities (10^N)
Veterans Administration- Nationwide
Wash. D.C.

Harper Hospital Complex/ Beaumont Hospital,
Detroit, MI
SH&G, Detroit, MI

Eli Lilly & Company
Biomedical Research Center
Indianapolis, Indiana

Aluminum Sheet Production
Alcoa Corp.
Pittsburgh, PA.

Refuse Handling Facility- 2n
Dept of Sanitation
Staten Island (22.000Tons/day), NYC

Fiberglas Plant & Furnaces
Qwens-Corning Fiberglas
Toledo, Ohio

Bell Company
VE studies (Some 30) on Switching stations,
Maintenance Facilities, Test Facilities. At Southwest
Bell 6 Computer/Billing Centers @ 500,000 SF.

Police Academy
Leighton Contractors
Sidney, Australia

Office Complex, Brisbane
Shopping Center, Sydney
AMP Insurance Co.
Sydney, Australia

World Trade Center-Memorial Site
Path Station/Site Utilities/ Facilities
New York, NY

CORRECTIONAL FACILITIES

Upstate Processing Center
Federal Prisons
Washington, DC

Judicial Courts
Arlington County, VA, Agana, Guam
Queens County, New York
Federal Prisons at San Quentin & San Diego
Bureau of Prisons in Wash., D.C.

Pretrial Facility
Vancouver, Canada

TRANSPORTATION PROJECTS

Atlanta Airport
Terminal & People Movers
Atlanta Airport Authority-Atlanta, GA

Boston Artery Project
I-90/I-93 Interchange
Traffic Controls & Maintenance Yard
Mass. Bay Authority-Boston, Mass.

Standards & Criteria
Maryland State Highway Administration
Baltimore, Md. Albany, NY

WGI/PB Joint Venture (\$3.5B)
Dulles WMATA Extension
26 Mile Extension and 12 Station DOT- VA,
MD&DC
Miami/Dade Transit Expansion (10 miles)
Car Purchase and Line plus 8 Stations \$1.5 Billion.

WASTEWATER/WATER TREATMENT PLANTS

OMG NYC(- (Over 40 studies)
North River Water Pollution Control Plant Plant
Expansion/Order Control/ Park (WPCP) \$ 1.5 B
Newtown Creek,WPCP-Initial Upgrade-\$1Billion
Newtown Creek WPCP 2000 Upgrade-\$2.5
Water Quality Upgrade (\$4 Billion)
Long Island Sound, NY Harbor & East River
Jamaica WWTP Upgrade
Avenue V Pump Station & Force Mains
Coney Island WPCP
Bowery Bay WPCP Upgrade
Combined Sewer Outfalls (CSO)
White Street Correctional Facility.
Foley Square Courthouse Rehab.\
OMB, NYC

Federal Office Buildings with Judicial Courts and holding cells

Grand Rapids
Williamsport
Atlanta
Montgomery
Tallahassee

Maximum Security Facility

State of Illinois
Tams, IL.

Miami/Dade Transit Extension
Car purchase and line projects (\$2B)
Miami, Fl

Vehicle Maintenance Facilities
WMATA & NJ Transit
Washington, DC - Elizabeth, New Jersey

Parking Decks & Roads
Newark Airport, NJ and Terminal Renovation
La Guardia Airport for Port Authority

Inter-modal Consolidation of Transport Systems
Greater Miami, & I-75 Expansion Collier County
Expansion/upgrade Interstate- Plantation, FL
DOT Florida

WWTP & Collection System Upgrade
Water Reuse Program
Boca Raton, FL
Kenmore Interceptor Project
Lake Washington
Seattle Metro. WA
Disinfection Facility
Water & Sewage Department
Detroit. MI

Electrical Cost Estimating Experience - Richard D. Ridgeway



University of Illinois, Beckman Institute of Advanced Science and Technology, Urbana-Champaign, Illinois –

Construction cost: \$40,900,000, 311,000 Sq Ft
A&E: The SmithGroup (formerly Smith Hinchman & Grylls)
Project Design Duties: Chief Electrical Estimator



Defense Intelligence Analysis Center, Washington DC

Construction cost \$94,000,000, 830,000 Sq Ft
A&E: The SmithGroup (formerly Smith Hinchman & Grylls)
Project Design Duties: Chief Electrical Estimator

The following is a list of projects for which Mr. Ridgeway has provided services

*Electrical Estimating Part of Project

Project Name	Facility Economics	Project Cost
Veterans Administration Hospital 500 Bed Facility Detroit, Michigan	*Contract Documents	\$230,000,000
GM Stamping Plant Moraine, Ohio	*Budget Estimate	\$200,000,000
BASF Bio-Research Facility	*Design Development Estimate	\$76,000,000
University of Michigan Aerospace Building	*Design Development Estimate	\$12,000,000

United States Army -Fort Bragg 270 Bed Hospital	*Budget Est.	\$164,000,000
	*Design Development Estimate	
	*Contract Document Est	
Ford Motor Company Credit Building Rehab 460,000 Square Feet	*Design Development Estimate	\$30,000,000

The electrical estimates and industries that, Mr. Ridgeway has been involved over the years are many, they include:

Automotive	Test Cells & Assembly Plants for the “Big Three” Automotive Companies
Commercial	National Bank of Detroit (NBD)
Environmental	Wastewater Facilities
Health	Ford Carson V.A. Hospital, Detroit V.A. Hospital, Henry Ford Hospital, Harper-Grace Hospital, Michael Reese Hospital
Institutional	University of Michigan, Wayne State University, Michigan State University, University of Illinois, Meharry Medical College, Chicago Board of Education
Municipalities	City of Rahima, Saudi Arabia
Petrochemical	ARAMCO Refinery & Gas Plant, Ras Tanura Saudi Arabia
Research	BASF, University of Illinois Bio-Tech Facility
Transportation	Valdez Oil Terminal Alaska, ARAMCO Offshore Platforms, Oil Pipelines, Gas Pipelines, Chicago O’Hara Airport, Atlanta Hartfield Airport, Damman Airport, Saudi Arabia
Utilities	Commonwealth Edison, Michigan Bell

AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

29. SIGNATURE OF AUTHORIZED REPRESENTATIVE:



30. DATE SIGNED: October 1, 2009

NAME AND TITLE OF SIGNER: Richard D. Ridgeway, Managing Partner, The Thomas Consulting Group LLC

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME The Thomas Consulting Group LLC			3. YEAR ESTABLISHED 2003	4. DUNS NUMBER 154426584
2b. STREET 1415 W. Ocotillo			5. OWNERSHIP	
2c. CITY Phoenix			a. TYPE Limited Liability Corporation	
2d. STATE AZ	2e. ZIP CODE 85013		b. SMALL BUSINESS STATUS SDVOB	
6a. POINT OF CONTACT NAME AND TITLE Richard Ridgeway- Managing Partner			7. NAME OF FIRM (if block 2a is branch office)	
6b. TELEPHONE NUMBER 708-804-0134	6c. E-MAIL ADDRESS thomasconsultgroup@sbcglobal.net			
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

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) FIRM	(2) BRANCH			
16	Construction Manager	1	1	C15	Construction Management	1
18	Cost Estimator	1	1(Part-time)	C18	Cost Estimator	1
61	Value Engineer	1	1(Part-time)	V01	Value Engineer	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	1	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	1	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE Oct. 1, 2009
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c. NAME AND TITLE Richard Ridgeway – Managing Partner
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