

# **DOTD FORM: 24-102**

(Revised January 1, 2023)

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

|  |  |
|--|--|
| 1. Contract title as shown in the advertisement  | <b>IDIQ Contracts for Value Engineering Services</b>   |
| 2. Contract number(s) as shown in the advertisement  | <b>44-27920 and 44-27921</b>   |
| 3. State Project Number(s), if shown in the advertisement  |  |
| 4. Prime consultant name <b>(name must match as registered with the Louisiana Secretary of State where such registration is required by law)</b>   | <b>VE Group, LLC<br/>Charter # 40114573Q</b>   |
| 5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)   | <b>EF.0005115</b>  |
| 6. Prime consultant mailing address  | <b>PO Box 179, Quincy, FL. 32353</b>   |
| 7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)  | <b>15 W. King St., Quincy, FL. 32351</b>   |
| 8. Name, title, phone number, and email address of prime consultant's contract point of contact  | <b>Frank Ventry, AVS, Executive Manager<br/>850-627-3900, <a href="mailto:frank@vegroupllc.com">frank@vegroupllc.com</a></b> |
| 9. Name, title, phone number, and email address of the official with signing authority for this proposal   | <b>Frank Ventry, AVS, Executive Manager<br/>850-627-3900, <a href="mailto:frank@vegroupllc.com">frank@vegroupllc.com</a></b> |
| 10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has |  |

|   |   |
|---|---|
| <p>considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p> | <p style="text-align: center;"><i>Frank Ventry, A. V.S.</i></p> <p>Signature above shall be the same person listed in Section 9:</p> <p>Date: 10/3/2023</p> |
| <p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>  | <p><u>Firm(s):</u> <span style="float: right;"><u>N/A %:</u></span></p>   |

**12. Past Performance Evaluation Discipline Table:**

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (**Value Engineering**).

| Past Performance Evaluation Discipline(s)  | % of Overall Contract | Prime                               | Firm B | Firm C | Firm D | Firm E | Each Discipline must total to 100% |
|--|-----------------------|-------------------------------------|--------|--------|--------|--------|------------------------------------|
| "Other- (Value Engineering)"   | 100                   | <b>VE Group, LLC</b><br><b>100%</b> |        |        |        |        | 100%                               |
| Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant. |                       |                                     |        |        |        |        |                                    |
| Percent of Contract  | 100%                  | <b>100%</b>                         |        |        |        |        | 100%                               |

**13. Firm Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (Value Engineering)” and include the classification title inside the parentheses.

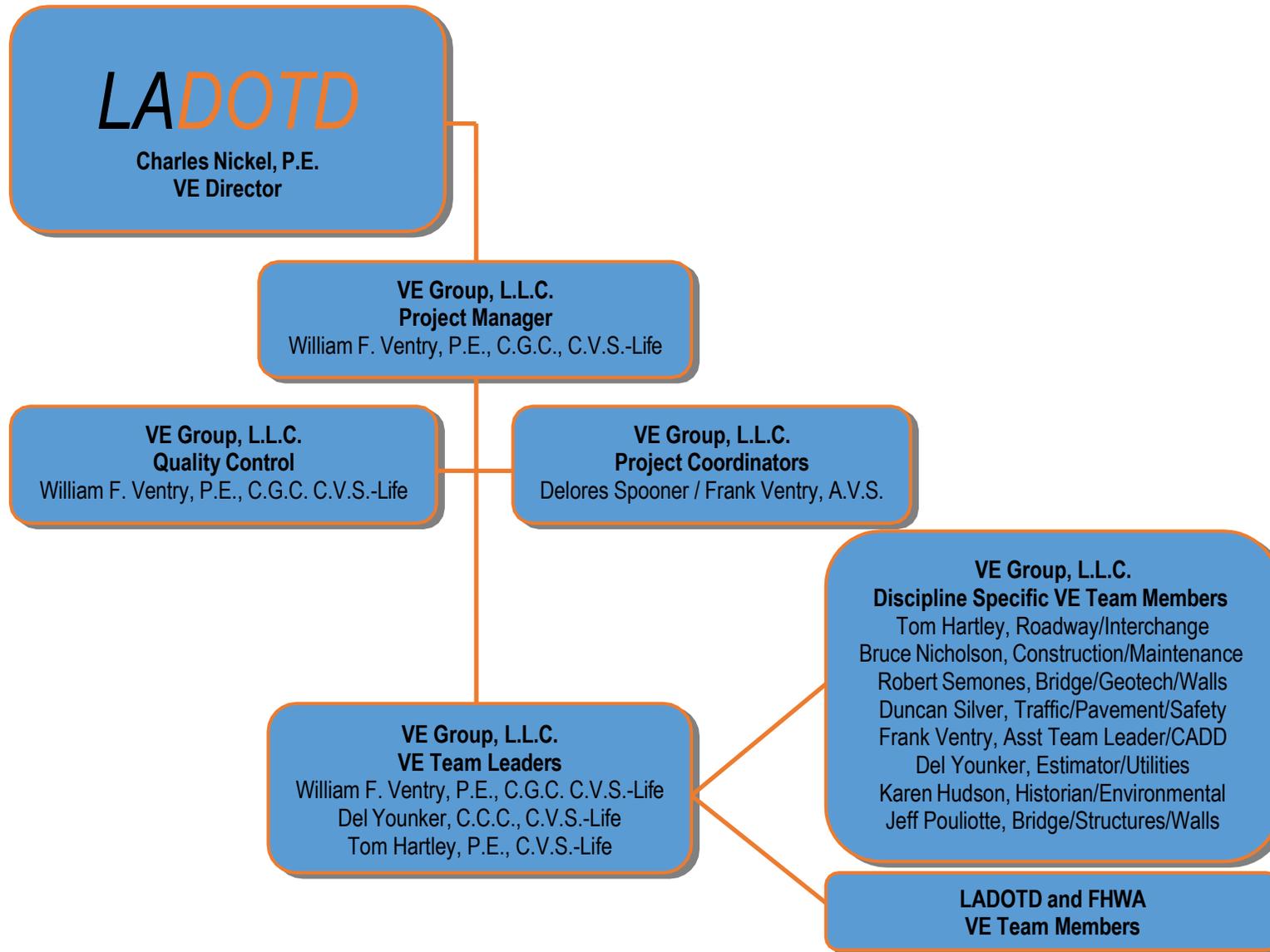
The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

| Firm name            | DOTD Job Classification              | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|----------------------|--------------------------------------|--|---|
| <b>VE Group, LLC</b> | <b>“Other - (Value Engineering)”</b> | <b>10</b>                                      | <b>13</b>   |

**14. Organizational Chart:**

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual’s role does not necessarily have to match their DOTD job classification identified in Section 13.



**VE Group, LLC**

**15. Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. **Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.**

| MPR No.<br>Do not insert wording from ad | Personnel being used to meet the MPR<br>(Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement) | Firm employed by     | Type of license / certification & number                             | State of license                          | License / certification expiration date                                    |
|--|--|----------------------|--|---|--|
| 1,2,3,4                                  | <b>William F Ventry</b>  | <b>VE Group, LLC</b> | <b>P.E. -Civil Engineering (LA-P.E. 30917) C.V.S. (84063) C.G.C.</b> | <b>FL, DE, GA, LA, KY, KS, MO, NM, WI</b> | <b>C.V.S.- (LIFE) LA P.E. exp. 3/31/2024 C.G.C. current P.E.'s current</b> |
| 4  | <b>Del Younker</b>   | <b>VE Group, LLC</b> | <b>C.C.C.(01121), C.V.S. (930902)</b>                                | <b>FL</b>                                 | <b>C.V.S.- (LIFE) C.C.C. current</b>                                       |
| 4  | <b>Tom Hartley</b>   | <b>VE Group, LLC</b> | <b>P.E. C.V.S.(20010901)</b>   | <b>FL, AZ, MS</b>                         | <b>C.V.S.- (LIFE) P.E.'s current</b>                                       |

**16. Staff Experience:**

|  |  |   |   |           |
|--|--|---|---|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |  |   |   |           |
| Name   | <b>William F Ventry</b>  |   | Years of relevant experience with this employer     | <b>34</b> |
| Title  | <b>Principle/Project Manager</b>   |   | Years of relevant experience with other employer(s) | <b>25</b> |
| Degree(s) / Years / Specialization                       |  | <b>BS Management, P.E., C.V.S.-Life, C.G.C.</b>                   |   |           |
| Active registration number / state / expiration date     |  | <b>P.E. in FL, DE, GA, LA(PE:30917, 2024), KY, KS, MO, NM, WI</b> |   |           |
| Year registered  | 1964   | Discipline  | <b>Civil Engineering</b>                            |           |
| Contract role(s) / brief description of responsibilities |  | <b>Project Manager and Principal Team Leader</b>                  |   |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). |   |   |           |
| <b>1988-current</b>                                      | <b>VE Group, LLC Project Manager/Principal Team Leader for over 80 On Call/IDIQ Value Engineering Contracts</b>  |   |   |           |
| <b>1984-1988</b>   | <b>FDOT Deputy Secretary Statewide preconstruction and design, construction and maintenance</b>  |   |   |           |
| <b>1979-1984</b>   | <b>FDOT Chief, Bureau of Value Engineering Statewide</b>   |   |   |           |

**RESPONSIBILITIES**

Mr. Ventry serves as the Manager of Value Operations for **VE Group, LLC** and functions as the Team Leader for Value Engineering projects. Mr. Ventry also supervises all Value Engineering Training Workshops and all Value Engineering project studies.

**EXPERIENCE**

**WILLIAM F. VENTRY, P.E., C.G.C.,C.V.S.**, is both a Registered Professional Engineer and a Certified Value Specialist (C.V.S.)-LIFE. Mr. Ventry is Registered as a Professional Engineer in Delaware, Florida, Georgia, Louisiana, Kentucky, Kansas, Missouri, New Mexico, and Wisconsin; he is also a Certified Value Specialist (C.V.S.), and is a Registered General Contractor in Florida. He has over 45 years’ experience in transportation. Having served in numerous positions with the Florida Department of Transportation (FDOT), including Project Manager of major projects, as well as **Chief Value Engineer**, William F. Ventry has a complete and thorough understanding of both the technical and Value Engineering assignments of transportation projects. In 1979, while Bureau Chief for Value Engineering, he established and then directed Florida's Value Engineering Program for over five years.

- **VE Group, LLC** Established and directs a National Value Engineering Consulting Firm. Conduct SAVE approved, Forty Hour Workshop/Seminars. Perform project Value Engineering studies for transportation agencies. Assist transportation contractors in the preparation of Value Engineering Change Proposals. Work in conjunction with transportation agencies in the development of Value Engineering Programs. Conduct Value Engineering Team Leader Workshops, General Orientations and Management Overviews. **Mr. Ventry has conducted over 360 transportation VE studies and workshops and has served as Project Manager for over 760 VE studies and workshops specific to DOT's transportation needs.**

■ **Florida Department of Transportation, Tallahassee, Florida**

**Deputy Assistant Secretary** for Technical Policy and Engineering Services. Statewide responsibility for preconstruction and design, construction, maintenance and the quality improvement program office. Served on Department's executive and construction contract awards committees.

**Director Division of Preconstruction and Design**, responsible for statewide preconstruction and design activities, including right-of-way, environment, topography, roadway design, structural design, estimates, consultant/project management, architectural services and value engineering.

**Chief, Bureau of Right of Way**, responsible for insuring development, implementation and compliance with statewide policy procedures and standards relating to the acquisition of property to be used for right-of-way purposes. The major acquisition responsibilities included: (a) right-of-way surveying and mapping; (b) operations, including production, services and quality assurance and compliance review; and (c) eminent domain legal operations.

**Chief, Bureau of Value Engineering**. Served for five years as Chief and directed the statewide Value Engineering Program. Major accomplishments as follows: Value Engineering Workshops - initiated and conducted Value Engineering workshops annually in central office and six district offices; Value Engineering Projects - completed over 57 Value Engineering projects; Value Engineering Change Proposals (VECP's) - processed over 34 VECP's; established Florida's first statewide VE Design Review Program; Product Evaluation - reorganized the responsibility of product evaluation for the evaluation and development of new products being produced by the transportation industry; Qualified Products Program - centralized and developed computer printout of qualified products for usage by Department construction and maintenance field engineers; established a Quality Assurance and Productivity Section within Bureau of Value Engineering responsible for assuring achievement of quality levels in activities related to all transportation projects. This section evolved into the Department's Quality Improvement Office.

**Special Projects Engineer, Division of Planning**, Project Manager for the production of "Unique Transportation" assignments, as follows: 1972 National Transportation and Highway Study; Florida's Urban Public Transit Needs 1971-1980; Location Report and Environmental/Section 4(f) Statement, Interstate 75, Ft. Myers to Andytown, Florida; Location Report and Environmental Statement, Interstate 75, Andytown to Miami, Florida; Interstate 75 Location Reassessment; 1974 Estimate of the Cost of the Priority Primary Routes; Independent Bikeway Projects for Fiscal Year 1975; Independent Bikeway Projects, 1976-80; Florida Scenic Highway System, Cross Florida Transit Corridor Study; Florida Rail Plan.

**Preliminary Engineering**. Developed justification reports for Interstate 75 from Tampa to Ft. Myers.

**Highway Design**. Served for four years in the Road Design Section in both the Design and Plans Checking Sections and worked in all areas of Highway Design.

|  |  |   |   |           |
|--|--|---|---|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |  |   |   |           |
| Name   | <b>Del Younker</b>   |   | Years of relevant experience with this employer     | <b>10</b> |
| Title  | <b>Associate</b>   |   | Years of relevant experience with other employer(s) | <b>35</b> |
| Degree(s) / Years / Specialization                       |  | <b>Masters Management, BS Management, Certified Cost Estimator, C.V.S.</b>      |   |           |
| Active registration number / state / expiration date     |  | <b>Certified Cost Estimator (01121), 2022, Certified Value Specialist, Life</b> |   |           |
| Year registered  | <b>1987</b>  | Discipline  | <b>Cost Estimator</b>                               |           |
| Contract role(s) / brief description of responsibilities |  | <b>Cost Estimator/Utilities VE Team Member</b>                                  |   |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). |   |   |           |
| <b>2013-current</b>                                      | <b>VE Group, LLC, Cost Estimator, Risk Analysis, Utilities Value Engineering Team Member and Team Leader</b>   |   |   |           |
| <b>2002-2013</b>   | <b>Duke Energy, Cost Estimator, Risk Analysis, Value Engineering Leader</b>  |   |   |           |
| <b>1995-2002</b>   | <b>PMA Consultants, Value Analysis</b>   |   |   |           |
| <b>1987-1995</b>   | <b>Post Buckley, Value Engineering</b>   |   |   |           |
| <b>1985-1987</b>   | <b>High-Point Schaeer, Scheduler, Cost Analyst</b>   |   |   |           |
| <b>1981-1985</b>   | <b>Bechtel Constructors, Inc., Cost Estimator</b>  |   |   |           |

## RESPONSIBILITIES

**Mr. Younker** has over 25 years as a Certified Value Specialist Team Leader with subject matter expertise in Estimating, Scheduling, Risk Management, Earned Value Management, Economic Analysis studies for Transportation, Bridges, Toll Facilities, FHWA, National Parks, Infrastructure, Military, Heavy Construction and Utility projects. Experience includes planning through commissioning/startup and demolition/closeout activities on projects using state of the art Software/Tools and Techniques. Projects have been located nationwide for multiple value improvement agencies and clients. Served as client representative to analyze and concisely report project progress status. Utilize efficient and effective organizational skills to produce efficiently completed assignments. Experience with architectural, civil, mechanical, and electrical/instrumentation project design/construction on nationwide projects (ranging over \$25 billion). Skills include self starter ability to develop cohesive Team endeavors to implement integrated work plans through successful teamwork. Facilitate construction project status reviews and provide clear and concise presentation/written reports for management’s timely action/resolution. Serves as a **Cost Estimator/Utilities Team Member**.

## EXPERIENCE

- **VE Group, LLC** Quincy, Florida

Assist in the conduct of Value Engineering studies and Cost Risk Analysis for Government Agencies.

■ **Value Consulting-Duke Energy, DOE, Winter Springs, FL**

Value Improvement Cost/Risk Analysis Manager, Project Controls Specialist (Primavera/SureTrak) providing a full range of earned value, risk analysis, cost estimating, scheduling services. Successfully added value and developed, planned/scheduled for a wide range of projects in the nationwide over a 20 year continuous contract period, for value added analyses to improve construction development/progress at least cost to clients. Utilized Primavera scheduling systems including Primavera, Monte Carlo risk analysis simulations, and Expedition. Consultant to Industry leading agencies/firms to enhance project delivery using project control techniques.

■ **PMA Consultants LLC, Orlando, FL**

National Value Analysis practice leader, senior project manager liaison for company-wide work on multiple nationwide contracts. Managed project controls staff for military, recreational park facilities, energy plants, environmental water/waste-water plants, refineries, automotive, industrial facilities, hospitals, hotels, and transportation projects.

■ **Post, Buckley, Schuh & Jernigan, Inc. (Atkins), Tallahassee, Florida**

**Deputy Value Engineering Program Manager**, as manager of cost estimating and scheduling, responsible for firmwide project cost and schedule control activities. Staff includes contract administrators, estimators schedulers, claim analysts and value analysts.

■ **High-Point Schaer, Florida**

Served as expert witness for project funding and estimating, and analyzed comprehensive delay/acceleration claims. Assisted owners, attorneys, consulting engineering firms, and contractors with extensive claim defense, discovery, expert testimony, and summary analysis reports for claims totaling in excess of \$50 million.

■ **Bechtel Constructors, Inc.**

**Cost Estimator/Engineer**, developed hard dollar bids for major pipelines, wastewater treatment plants, municipal street, highway and power plant improvements. Additionally, established a system for resolution of more than \$20 million in change orders and claims related to pipeline, earthwork, HVAC, structural steel, mechanical, electrical and instrumentation systems.

■ **PROFESSIONAL AFFILIATIONS:**

Society of American Value Engineers (SAVE)  
 American Association of Cost Engineers (AACE)  
 American Society of Professional Estimators (ASPE)  
 Construction Specifications Institute (CSI)

|  |  |   |   |           |
|--|--|---|---|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |  |   |   |           |
| Name   | <b>Tom Hartley</b>   |   | Years of relevant experience with this employer     | <b>23</b> |
| Title  | <b>Associate</b>   |   | Years of relevant experience with other employer(s) | <b>11</b> |
| Degree(s) / Years / Specialization                       |  | <b>BS Mechanical Engineering</b>  |   |           |
| Active registration number / state / expiration date     |  | <b>P.E. in FL (45887), AZ, MS (all current), <b>Certified Value Specialist-Life</b></b> |   |           |
| Year registered  | <b>1977</b>  | Discipline  | <b>Mechanical Engineering</b>                       |           |
| Contract role(s) / brief description of responsibilities |  | <b>Roadway/Interchange Design VE Team Member</b>  |   |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s). |   |   |           |
| <b>2000-current</b>                                      | <b>VE Group, LLC, Roadway/Interchange Value Engineering Team Member and Team Leader</b>  |   |   |           |
| <b>1989-2000</b>   | <b>FDOT, Project Manager preparing scopes, estimating, scheduling of project construction</b>  |   |   |           |
| <b>Prior 1989</b>  | <b>US Navy, Department Head</b>  |   |   |           |

## RESPONSIBILITIES

**Mr. Hartley** assists in Value Engineering studies for Government agencies. He has served as a Team Leader, Team Member or workshop Leader on over 150 studies for **VE Group, L.L.C.** He serves as **Roadway/Interchange Design Team Member**, as well as CADD operator.

## EXPERIENCE

His educational credentials include a Bachelor of Science in Mechanical Engineering, University of Washington. Mr. Hartley is also a registered engineer in Mississippi and Arizona. He has over 35 years of technical experience, 11 of which were in Project Management for the Florida Department of Transportation, responsible for roadway and bridge design projects. The use of computers is a key element to his success as a Team Leader. Use of Design and Traffic Programs provide efficient and accurate information for the value Engineering Team to make sound decisions during the project study. He has a complete understanding of all FHWA and AASHTO Value Engineering guidelines. Mr. Hartley has served as Team Leader, Team Member or Workshop Leader on over 150 Value Engineering studies and Workshops for transportation agencies for VE Group, LLC.

### ■ **Florida Department of Transportation, District Four**

Project Manager, primary duties include managing consulting engineering contracts, review their work product for conformance to standards and accuracy. Work includes preparing scopes of work, estimating the work effort, project scheduling, estimating project construction costs, evaluating consulting firms.

■ ***US Navy Lieutenant, Fleet Replacement Aviation Maintenance Personnel Department Head, VAQ-33, AT Key West, FL.***

As Department Head for the training facility, supervised a staff of 25 instructors and 5 support personnel involved with the training of maintenance personnel for the A-3 Skywarrior Aircraft. Prepared yearly budgets to accomplish training. Attended and provided input at Logistic Management Conferences.

**US Navy-Lieutenant, Logistics Manager for Electronic Warfare/Special Missions Avionics, Commander Naval Airforces Pacific Fleet, AS North Island, CA**

Manager of Electronic Warfare/Special Missions Avionics.

**Seaman Recruit to Lieutenant, Various Positions, United States Navy**

Worked through ranks to become a commissioned officer. Maintained Fire Control System of the F-8 Crusader, instructed maintenance personnel on aircraft maintenance and safety. Assistant Ship's Safety Officer, P-3 Orion Navigator/Communicator, analyzed aircraft maintenance data.

|  |   |  |  |           |
|--|---|--|--|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |  |  |           |
| Name   | <b>Bruce Nicholson</b>  |  | Years of experience with this firm/employer        | <b>13</b> |
| Title  | <b>Associate</b>  |  | Years of experience with other firm(s)/employer(s) | <b>32</b> |
| Degree(s) / Years / Specialization                       |   | <b>BS Mathematics</b>                          |  |           |
| Active registration number / state / expiration date     |   |  |  |           |
| Year registered  |   | Discipline                                     |  |           |
| Contract role(s) / brief description of responsibilities |   | <b>Construction/Maintenance VE Team Member</b> |  |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |  |  |           |
| <b>2010-current</b>                                      | <b>VE Group, LLC, Construction/Maintenance Value Engineering Team Member</b>  |  |  |           |
| <b>1978-2010</b>   | <b>Georgia DOT, Construction Liaison Engineer overseeing projects in two districts</b>  |  |  |           |
|  | <b>Georgia DOT, Area Engineer responsible for all construction and maintenance in four counties</b>   |  |  |           |
|  | <b>Georgia DOT, Area Maintenance Engineer, responsible for all maintenance in four counties</b>   |  |  |           |
|  | <b>Georgia DOT, Traffic Engineer, responsible for operations division</b>   |  |  |           |

## EXPERIENCE/RESPONIBILITIES

**Bruce Nicholson** has 35 years of Construction Engineering experience with the Georgia Department of Transportation. He has excellent management and leadership skills, and is an advocate for safe, efficient, and well designed transportation systems. As Construction Liaison Engineer, he oversaw construction projects in two highway districts. As Area Engineer, he was responsible for all maintenance activities in a four-county area. As Traffic Engineer, he was responsible for the operations division; conducting traffic engineering and safety studies in the highway district. He has served as a **Construction/Maintenance/Traffic Team Member** on numerous V.E. project studies for **VE Group, L.L.C.**

|  |   |   |           |
|--|---|---|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |   |           |
| Name   | <b>Karen Hudson</b>   | Years of experience with this firm/employer                   | <b>12</b> |
| Title  | <b>Associate</b>  | Years of experience with other firm(s)/employer(s)            | <b>20</b> |
| Degree(s) / Years / Specialization                       |   | <b>Ph.D., Masters Historical Preservation, B.A. Education</b> |           |
| Active registration number / state / expiration date     |   |   |           |
| Year registered  |   | Discipline  |           |
| Contract role(s) / brief description of responsibilities |   | <b>Historical/Environmental VE Team Member</b>                |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |   |           |
| <b>2011-current</b>                                      | <b>VE Group, LLC, Environmental and Historical Value Engineering Team Member</b>  |   |           |
| <b>2000-2011</b>   | <b>Cultural Resource Analysis</b>   |   |           |
| <b>1994-2000</b>   | <b>KEH Preservation Services</b>  |   |           |
| <b>1991-1994</b>   | <b>University of Kentucky, Principal Investigator, Cultural Resource Assessment</b>   |   |           |
| <b>1989-1991</b>   | <b>Kentucky State Historic Preservation Office, Survey Coordinator</b>  |   |           |

## EXPERIENCE/RESPONIBILITIES

**Karen Hudson, Ph.D.**, has a Ph.D. in Folklore and a Master’s degree in Historic Preservation. She has been conducting cultural-historic resource studies for over 20 years. She specializes in assisting clients with compliance with Section 106 and 110 of the National Historic Preservation Act, and Section 4(f) of the Department of Transportation Act. She served as the survey coordinator for the Kentucky Heritage Council (SHPO). After leaving the SHPO she continued identifying, documenting, and analyzing cultural-historic resources as a staff member or sub-consultant to various cultural resource management firms; local, state, and federal agencies. She has contributed through research and publication to the body of scholarly knowledge in the field of American architectural history. She served on the board of directors of the Vernacular Architecture Forum and has received additional training in the identification and documentation of Mid-20<sup>th</sup>-Century buildings, Section 106, and Section 4(f). Dr. Hudson has served as **Historical/Environmental Team Member** with **VE Group, L.L.C.** on numerous Value Engineering studies that involved culturally or historically sensitive areas.

|  |   |  |  |           |
|--|---|--|--|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |  |  |           |
| Name   | <b>Robert Semones</b>   |  | Years of experience with this firm/employer        | <b>14</b> |
| Title  | <b>Associate</b>  |  | Years of experience with other firm(s)/employer(s) | <b>22</b> |
| Degree(s) / Years / Specialization                       |   | <b>BS Civil Engineering, BS Mining Engineering</b>                           |  |           |
| Active registration number / state / expiration date     |   | <b>P.E. in Kentucky, Registered Geologist Kentucky, Surveyor in Kentucky</b> |  |           |
| Year registered  | <b>1986</b>   | Discipline   | <b>Civil Engineering</b>                           |           |
| Contract role(s) / brief description of responsibilities |   | <b>Bridge/Geotech/Walls VE Team Member</b>                                   |  |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |  |  |           |
| <b>2008-Current</b>                                      | <b>VE Group, LLC, Bridge, Walls, Geotech Value Engineering Team Member</b>  |  |  |           |
| <b>1998-2008</b>   | <b>KYDOT Statewide Value Engineering Coordinator</b>  |  |  |           |
| <b>1986-1998</b>   | <b>KYDOT Division of Bridge Design</b>  |  |  |           |

#### EXPERIENCE/RESPONIBILITIES

**Mr. Semones** has over 30 years experience in the field of transportation engineering and management. Robert was the Statewide Value Engineering Coordinator for the Kentucky DOT. He was the Transportation Engineering Specialist that Coordinated the Value Engineering Program for the Transportation Cabinet as required by FHWA. He is a Registered Professional Engineer, Registered Professional Land Surveyor, Registered Professional Geologist. Mr. Semones assist in the conduct of Value Engineering studies for government agencies as a **Bridge/Geotech/Walls Team Member** for **VE Group, L.L.C.**

|  |   |   |  |           |
|--|---|---|--|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |   |  |           |
| Name   | <b>Jeff Pouliotte</b>   |   | Years of experience with this firm/employer        | <b>2</b>  |
| Title  | <b>Associate</b>  |   | Years of experience with other firm(s)/employer(s) | <b>45</b> |
| Degree(s) / Years / Specialization                       |   | <b>B.S. Civil Engineering, M.S. Civil Engineering</b> |  |           |
| Active registration number / state / expiration date     |   | <b>P.E. Florida, P.E. New Jersey, P.E. Maine</b>      |  |           |
| Year registered  | <b>1977</b>   | Discipline  | <b>Civil Engineering</b>                           |           |
| Contract role(s) / brief description of responsibilities |   | <b>Bridge/Structures/Walls VE Team Member</b>         |  |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |   |  |           |
| <b>2021-2023</b>   | <b>VE Group, LLC, Bridge/Structures/Walls Value Engineering Team Member</b>   |   |  |           |
| <b>1994-2021</b>   | <b>Florida DOT State Structures Maintenance Engineer</b>  |   |  |           |
| <b>1991-1994</b>   | <b>URS Consultants, Project Manager</b>   |   |  |           |
| <b>1989-1991</b>   | <b>Lichtenstein Consulting Engineers, Project Engineer</b>  |   |  |           |
| <b>1987-1989</b>   | <b>Willis and Paul Engineers, Project Manager</b>   |   |  |           |
| <b>1986-1987</b>   | <b>King and Gavaris Engineers, Manager</b>  |   |  |           |
| <b>1985-1986</b>   | <b>Port Authority of New York and New Jersey, Task Leader</b>   |   |  |           |
| <b>1983-1985</b>   | <b>Manuel Elken Company, Project Engineer</b>   |   |  |           |
| <b>1978-1983</b>   | <b>Edwards and Kelcey Inc., Engineer</b>  |   |  |           |
| <b>1977-1978</b>   | <b>Maine DOT, Assistant Engineer</b>  |   |  |           |

#### EXPERIENCE/RESPONIBILITIES

Mr. Pouliotte assists in Value Engineering studies for government agencies. He has served as a **Structures/Walls Team Member** on many studies for **VE Group, L.L.C.** Mr. Pouliotte was the State Structures Maintenance Engineer for the Florida Department of Transportation. He is a registered P.E. in Florida as well as New Jersey and Maine where he worked for Maine DOT and the New Jersey Port Authority.

|  |   |   |  |           |
|--|---|---|--|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |   |  |           |
| Name   | <b>Duncan Silver</b>  |   | Years of experience with this firm/employer        | <b>22</b> |
| Title  | <b>Associate</b>  |   | Years of experience with other firm(s)/employer(s) | <b>52</b> |
| Degree(s) / Years / Specialization                       |   | <b>B.S. Civil Engineering</b>                 |  |           |
| Active registration number / state / expiration date     |   | <b>P.E. Utah, P.E. Wyoming, RLS Utah</b>      |  |           |
| Year registered  | <b>1968</b>   | Discipline                                    | <b>Civil Engineering</b>                           |           |
| Contract role(s) / brief description of responsibilities |   | <b>Traffic/Pavement/Safety VE Team Member</b> |  |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |   |  |           |
| <b>2000-2022</b>   | <b>VE Group, LLC, Traffic/Pavement/Safety Value Engineering Team Member</b>   |   |  |           |
| <b>1968-2000</b>   | <b>FHWA, all programs for highway safety, traffic operations, and pavement management</b>   |   |  |           |
|  | <b>FHWA, Planning</b>   |   |  |           |
|  | <b>FHWA, Environmental</b>  |   |  |           |
|  | <b>FHWA, Design and Construction</b>  |   |  |           |

#### EXPERIENCE/RESPONIBILITIES

**Duncan Silver, P.E., R.L.S.** is a former **United States Department of Transportation FHWA Area Engineer**. He is a Registered Professional Engineer, and has very extensive traffic experience on many varied transportation projects. Mr. Silver also served as the FHWA Division, Highway Safety Engineer and Pavement Management Engineer. In addition, he was the former FHWA Division Project Development Engineer. Mr. Silver has served on many V.E. Teams as a **Traffic/Pavement/Safety/Mobility Team Member** for **VE Group, L.L.C.**

|  |   |   |           |
|--|---|---|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |   |           |
| Name   | <b>Frank Ventry</b>   | Years of experience with this firm/employer                                 | <b>25</b> |
| Title  | <b>Executive Manager</b>  | Years of experience with other firm(s)/employer(s)                          |           |
| Degree(s) / Years / Specialization                       |   | <b>Certified Value Specialist (pending), A.A., A.S. Drafting and Design</b> |           |
| Active registration number / state / expiration date     |   |   |           |
| Year registered  |   | Discipline  |           |
| Contract role(s) / brief description of responsibilities |   | <b>Asst Team Leader/CADD/GIS VE Team Member</b>                             |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |   |           |
| <b>1997-current</b>                                      | <b>VE Group, LLC, Risk Analysis and Value Engineering Asst. Team Leader, CADD/GIS Team Member</b>   |   |           |

#### EXPERIENCE/RESPONIBILITIES

**Frank Ventry, A.V.S.**, is an Associate Value Specialist with **VE Group, LLC** for over fifteen years. Mr. Ventry has had responsibility for all phases of the company’s operations and is currently the Executive Manager of **VE Group, LLC**. He is also the financial director for the company and the acting treasurer for the North Florida SAVE (Society of American Value Engineers) Chapter. Mr. Ventry is a certified CADD operator as well as a certified G.I.S. (geographic information systems) analyst. His knowledge and experience in the use of Design and Traffic Programs has provided accurate and valuable information for the Value Engineering Team.

|  |   |  |           |
|--|---|--|-----------|
| Firm employed by <b>VE Group, LLC</b>                    |   |  |           |
| Name   | <b>Delores Spooner</b>  | Years of experience with this firm/employer        | <b>14</b> |
| Title  | <b>Office Manager</b>   | Years of experience with other firm(s)/employer(s) | <b>40</b> |
| Degree(s) / Years / Specialization                       |   |  |           |
| Active registration number / state / expiration date     |   |  |           |
| Year registered  |   | Discipline   |           |
| Contract role(s) / brief description of responsibilities |   | <b>Project Coordinator/Clerical</b>                |           |
| Experience dates (mm/yy–mm/yy)                           | Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. |  |           |
| <b>2008-current</b>                                      | <b>VE Group, LLC, Project Coordinator, Office Manager</b>   |  |           |
| <b>1984-2008</b>   | <b>Chartered Forest, Business Manager</b>   |  |           |
| <b>1992-current</b>                                      | <b>Airport Authority, Administrative Secretary</b>  |  |           |
| <b>1974-1984</b>   | <b>Legal Secretary</b>  |  |           |

**17. Firm Experience:**

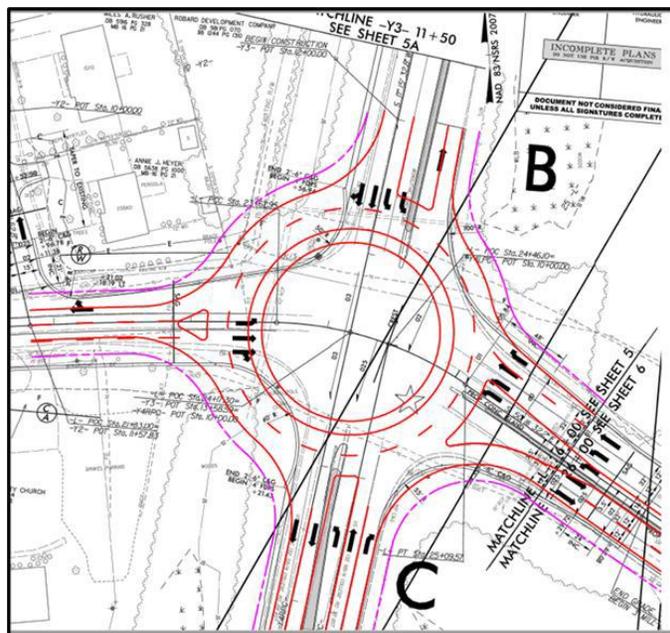
|   |  |   |                                    |
|---|--|---|------------------------------------|
| Firm name                               | <b>VE Group, LLC</b>   | Past Performance Evaluation Discipline(s)*                    | <b>“Other-(Value Engineering)”</b> |
| Project name                            | <b>Value Engineering Study, I-26, MM 125.5 to MM 137</b>             | Firm responsibility (prime or sub?)                           | <b>Prime</b>                       |
| Project number                          | <b>P-040014</b>  | Owner’s name  | <b>South Carolina DOT</b>          |
| Project location                        | <b>Lexington and Calhoun Counties, SC</b>                            | Owner’s Project Manager                                       | <b>Mark Anthony</b>                |
| Owner’s address, phone, email           | <b>955 Park St., Columbia, SC, 803/737-1355, AnthonyMH@scdot.org</b> |   |                                    |
| Services commenced by this firm (mm/yy) | <b>04/22</b>   | Total consultant contract cost (\$1,000’s)                    | <b>\$45</b>                        |
| Services completed by this firm (mm/yy) | <b>06/22</b>   | Cost of consultant services provided by this firm (\$1,000’s) | <b>\$45</b>                        |

Value Engineering Study of I-26 which begins where current 3-lane section on I-26 ends, widens next 11 miles of I-26 to 3 lanes in each direction, reconstructs interchanges at Exits 129 and 136, replaces all 5 five bridges, adds 16’ WB paved shoulder for hurricane evacuation and makes safety and interchange geometry improvements. **VE Group, LLC Team Members were William F. Ventry(Team Leader), Team Members; Tom Hartley(Roadway/Interchange Design), Del Younkers(Cost Estimator/Utilities), Bruce Nicholson(Construction/Maintenance), Jeff Pouliotte (Structures/Walls) which are available be used as Team Members on this LADOTD contract.** 12 VE Recommendations included redesigning the two proposed interchanges with Roundabout (Dog Bone) Interchange as shown below.



|   |   |   |                                     |                     |
|---|---|---|-------------------------------------|---------------------|
| Firm name                               | <b>VE Group, LLC</b>  | Past Performance Evaluation Discipline(s)*                    | <b>“Other-(Value Engineering)”</b>  |                     |
| Project name                            | <b>Value Engineering Study, Gordon Road Widening</b>                      |   | Firm responsibility (prime or sub?) | <b>Prime</b>        |
| Project number                          | <b>U-6202</b>   | Owner’s name  | <b>North Carolina DOT</b>           |                     |
| Project location                        | <b>New Hanover County, NC</b>   |   | Owner’s Project Manager             | <b>Alyson Tamer</b> |
| Owner’s address, phone, email           | <b>1020 Birch Ridge Dr., Raleigh, NC, 919/707-6682, awtamer@ncdot.gov</b> |   |                                     |                     |
| Services commenced by this firm (mm/yy) | <b>01/22</b>  | Total consultant contract cost (\$1,000’s)                    | <b>\$48</b>                         |                     |
| Services completed by this firm (mm/yy) | <b>01/22</b>  | Cost of consultant services provided by this firm (\$1,000’s) | <b>\$48</b>                         |                     |

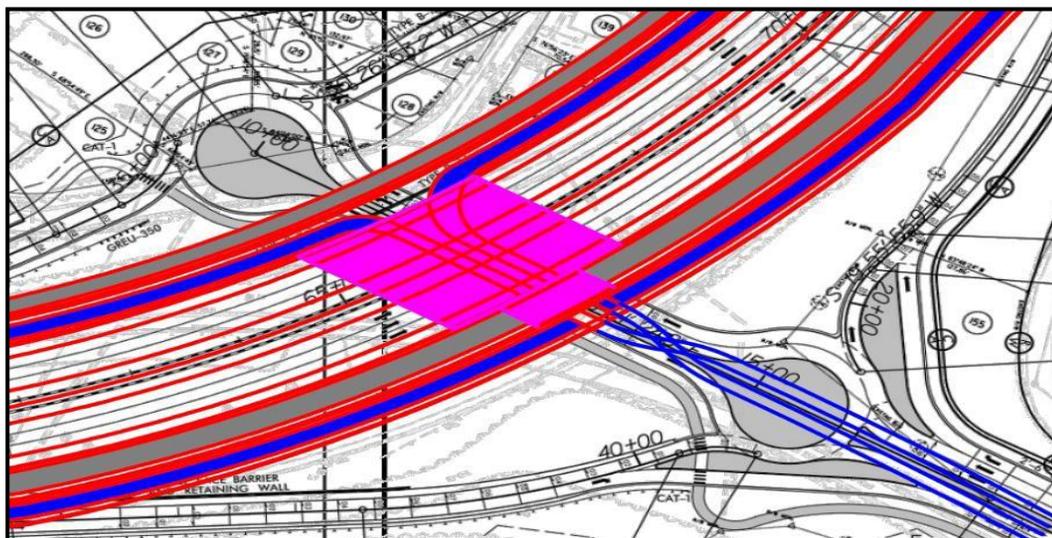
Value Engineering Study of project U-6202 located in Wilmington, NC (New Hanover County). This project involves a 4-Lane widening with a 30 ft. median throughout the corridor and a 10 ft. sidewalk on the North side and a 5 ft. sidewalk on the South side. Feasibility Studies Express Design No. H171413 was completed by HNTB in 2019. The typical section will be a 4-lane divided (17.5 ft. raised median), curb and gutter section with 11 ft. travel lanes. A 10 ft. multi-use path will be located within the berm area. **VE Group, LLC** Team Members were William F. Ventry (Team Leader), Frank Ventry (CADD/Asst. Team Leader), Team Members: Tom Hartley (Roadway/Drainage), Del Younker (Estimates/Utilities), Duncan Silver (Traffic/Pavement), and Robert Semones (Bridge/Walls/Geotech) which are available to be used as Team Members for this LADOTD Contract. 4 VE recommendations including a Project Improvement Alternative to replace the signalized intersection with a modern roundabout. A 200 foot outside diameter roundabout with two circulating lanes can be constructed within approximately the same right of way as the As Proposed Design.



VE Group, LLC

|   |   |   |                                    |
|---|---|---|------------------------------------|
| Firm name                               | <b>VE Group, LLC</b>  | Past Performance Evaluation Discipline(s)*                    | <b>“Other-(Value Engineering)”</b> |
| Project name                            | <b>Value Engineering Study, I-26 Ashville Connector</b>                   | Firm responsibility (prime or sub?)                           | <b>Prime</b>                       |
| Project number                          | <b>I-2513A</b>  | Owner’s name  | <b>North Carolina DOT</b>          |
| Project location                        | <b>Buncombe County, NC</b>  | Owner’s Project Manager                                       | <b>Alyson Tamer</b>                |
| Owner’s address, phone, email           | <b>1020 Birch Ridge Dr., Raleigh, NC, 919/707-6682, awtamer@ncdot.gov</b> |   |                                    |
| Services commenced by this firm (mm/yy) | <b>08/21</b>  | Total consultant contract cost (\$1,000’s)                    | <b>\$48</b>                        |
| Services completed by this firm (mm/yy) | <b>09/21</b>  | Cost of consultant services provided by this firm (\$1,000’s) | <b>\$48</b>                        |

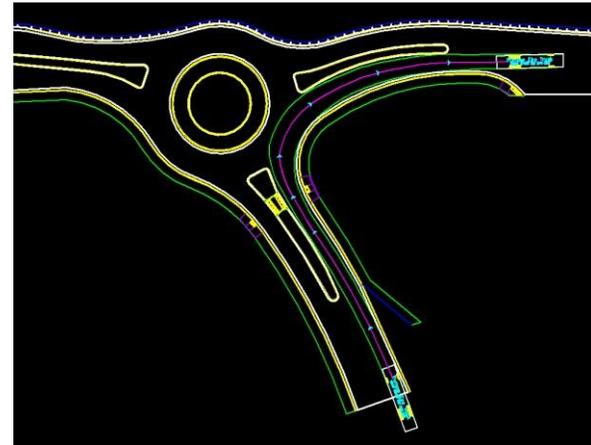
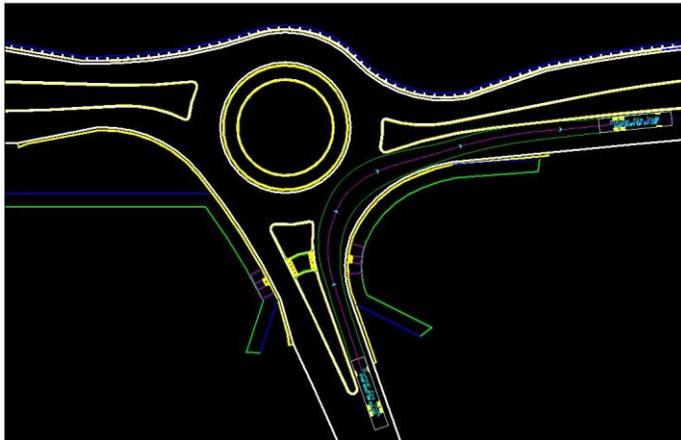
Value Engineering Study of : **I-40**: I-40 will be widened to 10 lanes between Smokey Park Highway and the I-26/I-40/I-240 interchange. Only the existing concrete pavement is being replaced between Monte Vista Road and the bridges over the railroad adjacent to Smokey Park Highway. The Sand Hill Road/SC-3412 grade separation will be replaced to accommodate additional lanes from the I-26WB to I-40WB ramp flyover and the I-240EB to I-40WB ramp. **I-26/I-240**: Widen I-26/240 to 6-lanes with auxiliary lanes, Replace Bear Creek Road grade separation for additional lanes on I-26/I-24 and realign, Replace Hominy Creek bridges for additional lanes, Reconfigure interchange at Brevard Road, Reconfigure interchange at Amboy Road and Replace State Street over pass to accommodate 6-lane interstate. **VE Group, LLC** Team Members were William F. Ventry(Team Leader), Team Members; Tom Hartley(Roadway/Interchange Design), Del Younkens(Cost Estimator/Utilities), Duncan Silver(Traffic/Pavement/Safety), Robert Semones(Bridge/Walls/Geotech), Frank Ventry(CADD/Asst. Team Leader) which are available to be used as Team Members on this LADOTD contract. 7 VE Recommendations were made including reconfiguring the proposed interchange at Amboy Road.



VE Group, LLC

|   |  |   |                                    |
|---|--|---|------------------------------------|
| Firm name                               | <b>VE Group, LLC</b>   | Past Performance Evaluation Discipline(s)*                    | <b>“Other-(Value Engineering)”</b> |
| Project name                            | <b>Value Engineering Study, Loxahatchee Road</b>   | Firm responsibility (prime or sub?)                           | <b>Prime</b>                       |
| Project number                          | <b>436564-1</b>  | Owner’s name  | <b>Florida DOT</b>                 |
| Project location                        | <b>Broward County, FL</b>  | Owner’s Project Manager                                       | <b>Kadian McLean</b>               |
| Owner’s address, phone, email           | <b>1400 W Commercial Blvd. Ft. Lauderdale, FL, 954/777-4360,<br/>Kadian.McLean@dot.state.fl.us</b> |   |                                    |
| Services commenced by this firm (mm/yy) | <b>02/21</b>   | Total consultant contract cost (\$1,000’s)                    | <b>\$38</b>                        |
| Services completed by this firm (mm/yy) | <b>06/21</b>   | Cost of consultant services provided by this firm (\$1,000’s) | <b>\$38</b>                        |

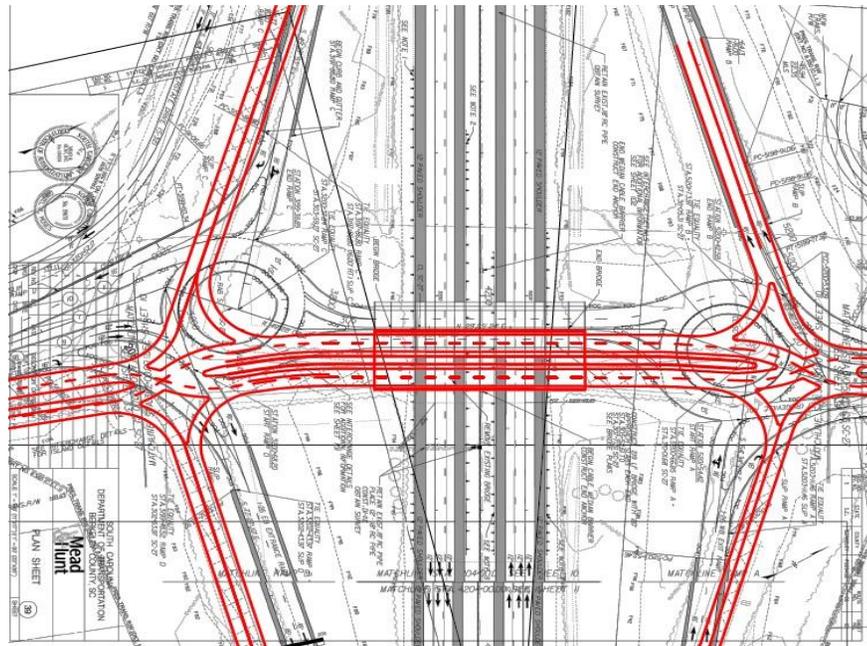
Value Engineering Study of a project that is a collaborative effort between the City of Parkland, Broward County, the Broward Metropolitan Planning Organization and the Florida Department of Transportation. The complete makeover of the road to accommodate pedestrian and bicycle facilities is one of the priority projects of the Broward MPO’s Complete Streets Initiative and is included in the Broward MPO’s Transportation Improvement Program. The ultimate intent is to calm traffic and create a complete street with pedestrian facilities. **VE Group, LLC Team Members were William F. Ventry(Team Leader), Team Members; Tom Hartley(Roadway/Interchange Design), Del Younkens(Cost Estimator/Utilities) and Frank Ventry(CADD/Asst. Team Leader) which are available to be used as Team Members on this LADOTD contract.** There were 6 VE Recommendations, two of which reconfigured proposed intersection with Knob Hill Road and Park Side Drive.



VE Group, LLC

|   |  |   |                                    |
|---|--|---|------------------------------------|
| Firm name                               | <b>VE Group, LLC</b>   | Past Performance Evaluation Discipline(s)*                    | <b>“Other-(Value Engineering)”</b> |
| Project name                            | <b>Value Engineering Study, I-26, MM 187 to MM 193</b>               | Firm responsibility (prime or sub?)                           | <b>Prime</b>                       |
| Project number                          | <b>P- 029263</b>   | Owner’s name  | <b>South Carolina DOT</b>          |
| Project location                        | <b>Berkeley County, SC</b>   | Owner’s Project Manager                                       | <b>Mark Anthony</b>                |
| Owner’s address, phone, email           | <b>955 Park St., Columbia, SC, 803/737-1355, AnthonyMH@scdot.org</b> |   |                                    |
| Services commenced by this firm (mm/yy) | <b>04/20</b>   | Total consultant contract cost (\$1,000’s)                    | <b>\$32</b>                        |
| Services completed by this firm (mm/yy) | <b>05/20</b>   | Cost of consultant services provided by this firm (\$1,000’s) | <b>\$32</b>                        |

Value Engineering Study of I-26 which included Reconstruct SC 27 / I-26 Interchange near Ridgeville including 2 new roundabouts at ramp terminals and SC 27 bridge replacement over the interstate, Mainline Widening for approx. 7 miles, toward the median, matching to Jedburg interchange and I-26 widening project, Replace I-26 bridges over Cypress Swamp with 1 single structure to accommodate future widening to 4 lanes each way, Replace Cypress Campground Road Bridge over I-26, including frontage realignment and connections and Mainline Widening matching improvements at Volvo Cars / I-26 Interchange I-26 project – additional lane widening into median and existing I-26 resurfacing. **VE Group, LLC** Team Members were William F. Ventry(Team Leader), Team Members; Tom Hartley(Roadway/Interchange Design), Del Younkens(Cost Estimator/Utilities), which are available to be used as Team Members on this LADOTD contract. 14 VE Recommendations were made including reconfiguring the proposed SC 27/I-26 interchange with a Diverging Diamond Interchange as shown below.



VE Group, LLC

## **18. Approach and Methodology:**

**VE Group, LLC** proposes to use our three step process that we have developed over the past 35 years to satisfy the requirements for Value Engineering studies on **LADOTD** projects. **VE Group, LLC has used this process to complete 774 “Transportation Value Engineering Studies”, 31 of which have been for the LADOTD.** The three steps are:

|                        |                                      |                         |
|------------------------|--------------------------------------|-------------------------|
| ▪ Pre-study activities | ▪ Value Engineering study activities | ▪ Post-study activities |
|------------------------|--------------------------------------|-------------------------|

### **1. Pre-Study Activities**

During our pre-study activities, **VE Group, LLC** will perform all required coordination for the proposed studies as follows:

- Coordinate with the **LADOTD** V.E. Director to provide all information and material needed for each study.
- Coordinate Design Team input for the project being studied, which will occur on the first day of the study, when time is built into the schedule for a project information briefing by the design team.
- For most of the previous Value Engineering studies that **VE Group, LLC** has performed, space has been utilized in a Department office or we can locate and provide meeting facilities for each study, if required.

### **2. Value Engineering Study Activities**

The USDOT/FHWA NHI Course No. 13405 “Value Engineering for Highways” approach will be utilized to identify, develop and recommend alternatives to be implemented. **VE Group, LLC** will use the following job plan phases to analyze a typical project:

- Information/Function Analysis Phase
- Creative/Speculation Phase
- Evaluation Phase
- Development Phase
- Presentation/Report Phase

During any of the studies, the **VE Group, LLC** Team Leaders will insure that all Teams adhere to the Value Engineering Job Plan and satisfy the goals and objectives of each phase.

**Information/Function Analysis Phase** - During this phase, the Teams will review all aspects of their project. All items relating to the history of the project will be reviewed. Additional information that is needed by the Team will be identified.

Site visits are considered very important at **VE Group, LLC**. Many aspects of the proposed projects are revealed by a visit to the field that cannot be gleaned from plans alone. As with previous **LADOTD** V.E. studies, a site visit will be made during the information phase. During this phase, **VE Group, LLC** will direct the Teams in the following areas of expected high cost:

|  |                            |
|--|----------------------------|
| ▪ Roadway geometrics and interchange configuration | ▪ Utilities                |
| ▪ Pavement   | ▪ Right of way cost        |
| ▪ Maintenance of traffic                           | ▪ Structures               |
| ▪ Drainage system                                  | ▪ Environmental mitigation |
| ▪ Earthwork  |                            |

A **Fast Diagram, Function Analysis Worksheet** and the **Pareto Chart** will be used by **VE Group, LLC** to identify the ultimate “Areas of Focus” for the Value Engineering Analysis.

**Creative/Speculation Phase** - This phase of the job plan is used to generate a list of comparative alternatives. The Team will ask, "How else can we accomplish the objectives of this project?" The major tool that will be utilized by the Teams will be brainstorming.

**Evaluation Phase** - In this phase, the best alternatives will be selected for development. The alternatives will be evaluated by considering the advantages and disadvantages of each alternative. The final comparison evaluation will be aided by the use of an evaluation matrix, if needed. Criteria is established and weighted by the teams in accordance with the type of project they have assigned to them, i.e. roadway, structure, capacity improvement, resurfacing, etc.

**Development Phase** - The purpose of this phase is to develop the most suitable alternatives which were a result of the evaluation phase. The alternatives will be developed by using life cycle cost analysis. Developmental layout and typical section drawings, cost estimates, traffic operation model runs, and preliminary implementation schedules will be prepared.

During the development phase, **VE Group, LLC** will insure that all major issues and functions have been addressed, such as:

|                    |                          |
|--------------------|--------------------------|
| ▪ Right of way     | ▪ Traffic operations     |
| ▪ Safety           | ▪ Environmental factors  |
| ▪ Constructability | ▪ Materials availability |
| ▪ Design standards | ▪ Utility adjustments    |
| ▪ Maintainability  |                          |

**Presentation/Report Phase** - The Team's recommendations will be documented to a point that the Department can make a decision to implement based on sound data. A preliminary presentation will be made at this point to **LADOTD** management.

The Value Engineering Study report will be finalized following the 40-Hour Study and the Team Presentation as per the Post Study Activities.

After the study is complete, the report will be prepared and submitted to **LADOTD** within two weeks.

As previously stated, the Value Engineering studies for this contract will be managed by William F. Ventry, P.E., C.G.C., C.V.S., who will be solely responsible and accountable to the **LADOTD** for the conduct and performance of the Value Engineering Teams.

Mr. Ventry plans to provide a review of Value Engineering techniques and necessary instructions of the Value Engineering process to be covered for any **LADOTD** Team Members prior to the beginning of study each morning.

It has been our experience that a 40-hour study provides adequate time to cover issues important to the project while producing realistic and meaningful results. Unless otherwise instructed, **VE Group, LLC** plans to use a typical 40-Hour Study.

### **Optional VE Group, LLC Services/Capabilities**

#### **Virtual Value Engineering Studies**

**VE Group, LLC** performed the first ever Virtual VE Study the week of April 6, 2020 for South Carolina DOT, one week after the national emergency declaration for the Corona-virus. In total, **VE Group, LLC** has performed 15 Virtual VE Studies.

| <b>VE Group Virtual VE Study Process</b>  |
|---|
| 1) The VE Group study Team Leader and the VE Group Team Members work from the VE Group office in Quincy, Florida.   |
| 2) On study day one, the VE Group Team Leader and Team Members video conference from our conference room to the DOT VE Team Members and the project Design Team for the project briefing using the VE Group video conference facilities.  |
| 3) If the Design Team plans to use a power point to brief the VE Team, it is provided to the VE Group office, Team Members can see it as the Design Team goes through the briefing.   |
| 4) If the Design Team is not using power point, then the VE Group Team Members and DOT/FHWA Team Members follow along with any documents that are provided to them by the Design Team.  |
| 5) If the DOT and/or the Design Team are unable to video conference with VE Group due to reduced office time, etc., the DOT Design Team will provide a written discussion of the important points they would normally convey to the VE Team Members in a briefing and the VE Group Team Leader will brief the Team Members. |
| 6) The DOT and/or FHWA Team Members simply log in each morning with "log in" information provided by VE Group the day before.   |

**VE Group, LLC**

### Cost Risk Analysis Value Engineering (CRAVE)

**VE Group, LLC** has previously participated in several Schedule Reviews and Cost Risk Analysis assignments for other DOT's and **VE Group, LLC** has applied this process in combination with the Value Engineering (VE) process. The assessments were ranked in order of the risks and considered for ideas of how to reduce them during the VE process. A Cost Risk Analysis and Risk Register were included in each of the VE study reports. **VE Group has combined the CRA workshop and VE study into two simultaneous activities conducted at the same time.** With **VE Group, LLC's** Value Engineering and Cost Risk Workshop Leaders, we can seamlessly perform these two task during a one week session.

### Constructability Workshops

Another Innovative Concept that **VE Group, LLC** would like to propose to **LADOTD** is our Constructability Workshop. **VE Group, LLC** has performed these workshops for several state DOT's. They range from one to three days. They are conducted after the construction plans are significantly complete, but prior to the contract letting.

| Constructability Focus Areas      |                                       |
|-----------------------------------|---------------------------------------|
| ➤ Constructability                | ➤ Permits/Variations/Standards Issues |
| ➤ Construction Sequencing/Staging | ➤ Stage Construction                  |
| ➤ Contractor Work Hours           | ➤ Temporary Construction              |
| ➤ Maintenance of Traffic          | ➤ Equipment Ingress/Egress/Placement  |
| ➤ Contract Time                   | ➤ Utility Conflicts                   |
| ➤ Material Requirements/Issues    |                                       |

The **VE Group, LLC** Team Leader assembles the Team made up of construction personnel, materials personnel, and traffic control/MOT personnel. All Team Members would have previously been given a set of plans to review before the workshop. The **VE Group, LLC** Team Leader directs the Team using the Constructability Focus Area Table (Shown Above). After alternatives are developed and evaluated, the **VE Group, LLC** Team Leader compiles a report and it is printed and distributed to the affected department offices. Changes have been made to the contract documents that have:

|                          |  |                                       |                                 |                                 |                                      |
|--------------------------|--|---------------------------------------|---------------------------------|---------------------------------|--------------------------------------|
| Made Construction Easier | Improved traffic control during construction | Avoided conflicts between contractors | Reduced future maintenance cost | Shortened the construction time | Eliminated several contractor claims |
|--------------------------|--|---------------------------------------|---------------------------------|---------------------------------|--------------------------------------|

**VE Group, LLC** concentrates exclusively on Highway and Bridge Value Engineering and has over 30 years of Value Engineering experience and over 40 years experience in transportation.

**19. Workload:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

| Firm(s)<br><b>ALL FIRMS MUST BE REPRESENTED IN THIS TABLE</b> | Past Performance Evaluation Discipline(s) * | Contract Number and State Project Number | Project name                         | Remaining Unpaid Balance** |
|---|---|--|--------------------------------------|----------------------------|
| VE Group, LLC   | "Other (Value Engineering)"                 | 4400024147                               | US90 Railroad Overpass SE of LA 85   | \$68,269                   |
| VE Group, LLC   | "Other (Value Engineering)"                 | 4400024147                               | LA 56 Boudreaux Canal MB Replacement | \$67,967                   |

(Add rows as needed)

DO NOT SUM

\* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (Value Engineering). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.**

**20. Certifications/Licenses:**

If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.



**LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD**

As of 5/18/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. William Franklin Ventry  
 P. O. Box 179  
 Quincy, Florida 32353



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. William Franklin Ventry**

|                                   |                 |
|-----------------------------------|-----------------|
| License/Certificate Type - Number | Expiration Date |
| PE.0030917                        | 03/31/2024      |

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

← Fold Here →

← Cut Here →

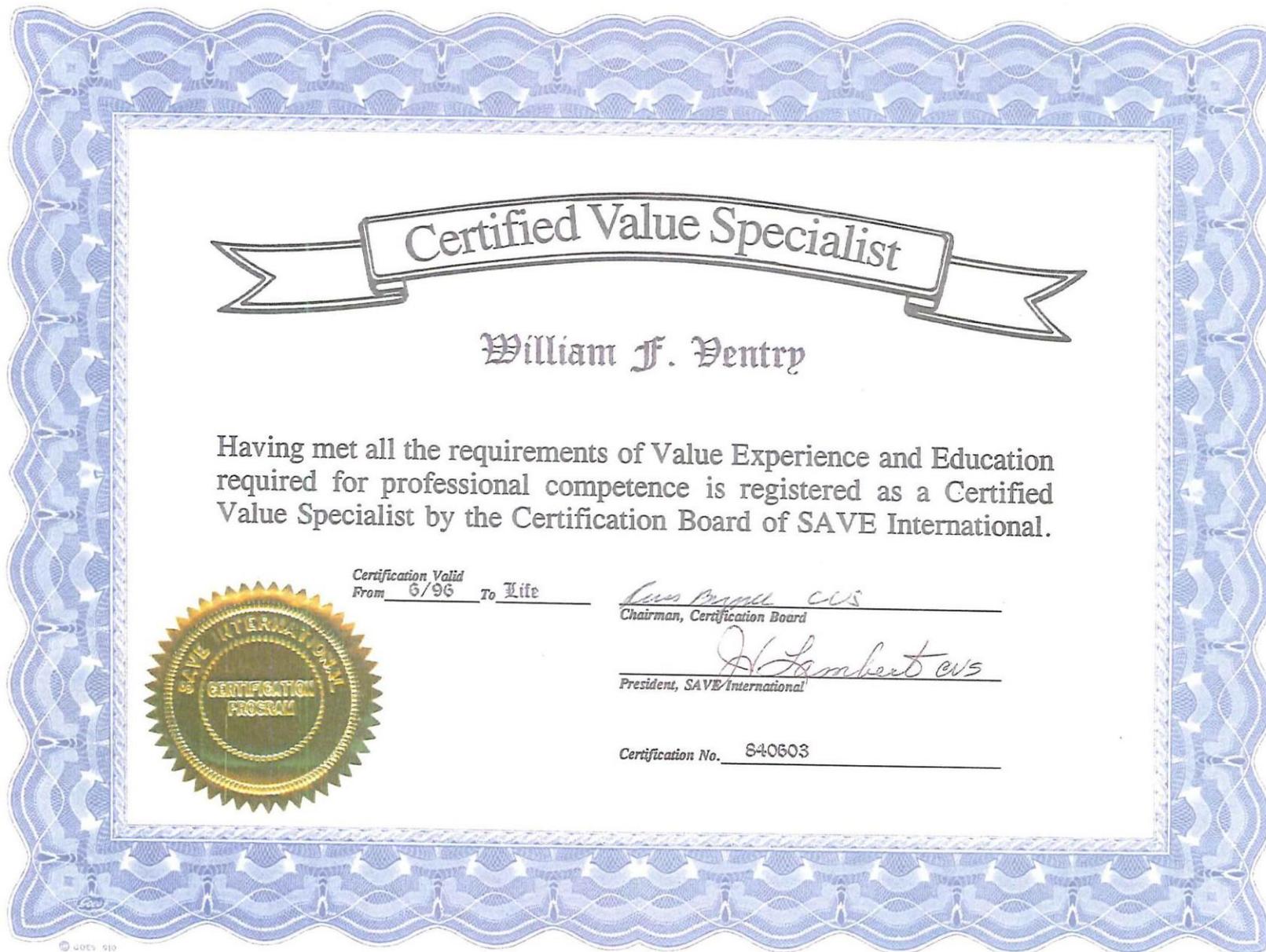
Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

**Disclaimer**

All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

9643 Brookline Avenue, Suite 121 • Baton Rouge, Louisiana 70809-1433 • (225) 925-6291 • Fax (225) 925-6292 • www.lapels.com

**VE Group, LLC**



**Certified Value Specialist**

**William F. Dentry**

Having met all the requirements of Value Experience and Education required for professional competence is registered as a Certified Value Specialist by the Certification Board of SAVE International.



Certification Valid  
From 6/96 To Life

Ken Powell CVS  
Chairman, Certification Board

A. Lambert CVS  
President, SAVE International

Certification No. 840603



Adding Value. Enhancing Ideas.

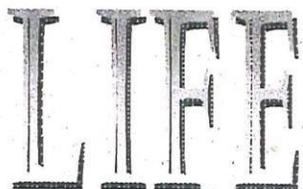
# CERTIFIED VALUE SPECIALIST®

The Certification Board of SAVE International® Declares that

*Thomas A. Hartley*

Having met all the requirements of Value Experience, Education, and Outreach required for professional competence is registered as a Certified Value Specialist®.

Certification Valid  
From September 1, 2001  
To LIFE



*John L. Robison*

Certification Board Chairman, SAVE International®

*James D. Bolton, PE, CVS, PVM, FSAVE*

President, SAVE International®

Certification No. 20010901



**Certified Value Specialist**

**Del L. Dounker**

Having met all the requirements of Value Experience and Education required for professional competence is registered as a Certified Value Specialist by the Certification Board of SAVE International.

*Certification Valid  
From August 2001 For Life*



*Chris M. Vinago*  
Chairman, SAVE Certification Board

*Laurel M. Dennis*  
President, SAVE International

Certification No **930902**

**21. QA/QC Plan and/or Work Plan:**

**22. Sub-consultant information:**

**23. Location:**