

Response to Statement of Qualifications for

**PROFESSIONAL CONSULTING SERVICES
FOR COASTAL ENGINEERING ON AN AS-NEEDED BASIS
FOR MISCELLANEOUS PROJECTS LOCATED
THROUGHOUT JEFFERSON PARISH**

RESOLUTION NO. 144205 - SOQ 24-020

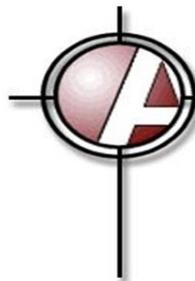
Submittal Date: July 16, 2024



**Jefferson
Parish**

State of Louisiana

Submitted by:



AIMS Group, Inc.
Consulting Engineers

4421 Zenith Street
Metairie, LA 70001

Subconsultants:



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Statement of Qualifications for Coastal Engineering Consulting Services
SOQ 24-020 - Resolution #144205

B. Firm Name & Address where Project work will be performed:

AIMS Group, Inc.
4421 Zenith Street
Metairie, LA 70001
504.887.7045

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Mr. Thomas R. L’Hoste, P.E., President/Principal Engineer
(504) 887-7045
trl@aimsgroupinc.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Mr. Thomas R. L’Hoste, P.E., President/Principal Engineer
(504) 887-7045
trl@aimsgroupinc.com

E. Please provide the number of employees whose primary function corresponds with each category:

4 <u> </u> Administrative	1 <u> </u> Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	<u> </u> 2 Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u> </u> 5 Civil Engineers	___ Interior Designers	<u> </u> 2 Project Managers
<u> </u> 3 Construction Inspectors	___ Landscape Architects	<u> </u> 2 Clerical
<u> </u> 1 Ecologists	___ Land Surveyor	<u> </u> 1 Grant/Funding Specialist
<u> </u> 1 Electrical Engineers	<u> </u> 1 Mechanical Engineers	___ Sanitary Engineers
<u> </u> 2 Engineer Intern	<u> </u> 1 Environmental Engineers	
___ Professional Land Surveyors		<u> </u> 26 TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO

If marked “No” skip to Section I. If marked “yes” complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. Not Applicable

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

YES NO

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Terracon Consultants, Inc. 524 Elmwood Park Blvd., Suite 170 Jefferson, LA 70123	Geotechnical Engineering	Yes
2. Bryant Hammett & Associates, Inc. 1104 Dealers Avenue Harahan, LA 70123	Professional Survey	Yes
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

_____ **Five (5)**

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Thomas L'Hoste, P.E., President/Principal Engineer

Project Assignment:

Professional Engineer In Charge Of Project

Name of Firm with which associated:



Years' experience with this Firm:

24 Years

Education: Degree(s)/Year/Specialization:

B.S. / 1994 / Civil Engineering / UNO / Coastal - Flood Protection

Active registration: Year first registered/discipline:

**Professional Engineer – Civil Louisiana #E-28221;
Louisiana Residential Contractor's License #881021
Louisiana Commercial Contractor's License #55581; LDEQ Certified Asbestos Designer;
LDEQ Certified Asbestos Management Planner; LDEQ Certified Asbestos Inspector**

Other experience and qualifications relevant to the proposed Project:

Mr. L'Hoste is the President of AIMS Group, Inc. He has (25) twenty-five years of experience involving design and construction management of varying types of civil/structural projects, including various coastal flood protection projects and environmental design. He has served as Principal Engineer at AIMS Group, Inc. for more than 25 relative projects associated with hurricane flood protection projects and coastal restoration with the U.S. Army Corps of Engineers, Jefferson Parish, Plaquemines Parish and St. Bernard Parish. The following projects are most closely related to those listed in the solicitation that relate to coastal/wetland restoration, design, implementation, planning and permitting.

- **Mississippi River Long Distance Sediment Pipeline – Phase 2, Jefferson Parish, 2015-Present:** Mr. L'Hoste serves as the Contract Lead on this coastal project. AIMS is responsible for assisting in the preparation of the design documents, the Joint Permit Application and all supporting documents. The project is presently working through final engineering design.

- **Lafitte Tidal Protection Levee – Crown Point Basin, Lafitte Levee District, 2014-Present:** Mr. L'Hoste serves as principal engineer of the AIMS Group team that provides engineering design for construction of a tidal protection levee around Crown Point. The levee system construction consists of 3 separate reaches - approximately 7,700 linear feet of frontal protection along Bayou Barataria; approximately 8,600 linear feet of

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frontal protection along Bayou Des Families; and approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 that will be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D or higher.

- **Vegetative Ridge and Marsh Creation, Plaquemines Parish, 2015-Present:** AIMS Group was awarded two marsh creation projects: Bayou Au Noire and Bay Adams Headland by Plaquemines Parish. AIMS is providing environmental\coastal design and permitting engineering services relative to these two Restore Act marsh creation and ridge restoration projects. Mr. L'Hoste serves as the AIMS Group engineer in charge, providing design recommendations and other project leadership responsibilities.
- **Barrier Island Restoration and Marsh Creation, St. Bernard Parish, 2018-Present:** AIMS Group was tasked by St. Bernard to conduct a multifaceted feasibility study that included design development for barrier geometry options, construction material analysis, wave and storm surge modeling, and constructability. We are now in the preliminary design phase of the project. Mr. L'Hoste serves as the AIMS Group Principal.
- **Flood Protection Authority West, Jefferson Parish, 2014-Present:** AIMS Group was selected to provide engineering services to SLFPA-West for its levee assessment program and its levee lift projects. AIMS was responsible for 5 different levee reaches, which included preparation of plans and specifications, bid documents, engineering review of projects, emergency response assistance and construction administration.
- **Louisiana Watershed Initiative, State of Louisiana, 2018-Present:** AIMS Group was selected as a technical partner to the State PM Team. AIMS responsibilities include technical review and assistance of Round 1 Watershed Grant Projects – both in evaluating Projects to be included and assisting local and regional partners with their respective grant applications.
- **HSDRRS Levee System, U.S. Army Corps. of Engineers, 2005-Present:** AIMS continues to provide engineering design and construction administration services to the New Orleans District. AIMS has completed more than 30 flood protection task orders for the Corps of Engineers, which include: First ever baseline inspection and report of the 14B HSDRRS Levee System; Design and Construction of Bayou Segnette State Park Floodwall, Levees, Drainage, Access Roads, and Gates; Westshore Floodwall, Pump Station and Levee System; Golden Meadow to Larose Floodwall and Vehicular Gate; and various design improvements to pump stations throughout Orleans and Jefferson.
- **WBA-01 & 02 – West Barataria Marsh Creation Corridor, 2021-Present:** AIMS Group provided engineering services to prepare construction plans and submit a permit application for the project. Services include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE).
- **LCA BUDMAT - Barataria Waterway Dredging - Marsh Restoration, 2020-Present:** AIMS Group provided Planning, Engineering, and Design for the BUDMAT Barataria Bay Waterway Dredging – Marsh Restoration. We have provided support to Jefferson Parish in developing a partnership with the U.S. Army Corps of Engineers (USACE) for the LCA BUDMAT Program for the Coastal Project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lowell Pitre, P.E. Senior Project Manager
Project Assignment:
Project Manager/Design Review
Name of Firm with which associated:
 <p>AIMS Group, Inc. Consulting Engineers 4421 Zenith Street Metairie, LA 70001</p>
Years' experience with this Firm:
13 years
Education: Degree(s)/Year/Specialization:
B.S. / 1981 /LSU / Civil Engineering
Active registration: Year first registered/discipline:
Civil Engineering - Louisiana PE-22829, Mississippi – PE -2996, Alabama – PE-19659, and Arkansas – PE - 10489 CPRAUSACE Certified Levee Inspector
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Pitre has more than 30 years of experience involving design and construction management of varying types of coastal projects. He has served as project manager and senior project engineer for many design projects for city and parish governments, the Louisiana Department of Transportation and Development (LADOTD) and the Louisiana Department of Natural Resources, Coastal Restoration Division, including streets, drainage, sewer, bridges, levees and other flood protection and coastal restoration projects. A brief sample of the coastal restoration projects that Lowell was involved in are below:</p> <ul style="list-style-type: none"> • West Pointe A La Hache And Lareussite Freshwater Diversions, Plaquemines Parish: Mr. Pitre assisted in the project management for the outfall management plan and hydrodynamic modeling of the West Pointe a la Hache and LaReussite freshwater diversions. Analysis included two-dimensional modeling of flow in marshes to determine hydrodynamic data and water constituent dispersion. • SLFPFA -West Levee District Engineering and Construction Levee Lift, West Jefferson and Orleans Parish: AIMS was selected in 2015 to provide engineering support to SLFPA-West levee district, which includes preparation of plans and specifications, bid documents, all environmental permitting requirements, engineering review of projects, emergency response assistance and construction administration. AIMS was responsible for designing levee lifts and construction management for 5 different levee reaches. Mr. Pitre serves as the AIMS Group Project Manager. • Bohemia Spillway Structure Restoration, Bohemia, La: Mr. Pitre was a Project Engineer for preparation of

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plans and specifications for the design of the restoration of the Bohemia Spillway structure in Plaquemines Parish, LA. The structure was being restored for use in coastal restoration efforts. Design included restoration of intake and outfall channels, walkway replacement and new concrete wingwall installation.

- **Main Pass Small Sediment Diversions, Plaquemines Parish:** Mr. Pitre was the project manager for preparation of plans and specifications for the design of small sediment diversions in the Delta Wildlife Management Area near Main Pass at the mouth of the Mississippi River. The project consisted of excavation to develop small breaches in the banks of small river passes to distribute River sediment to aid in the creation of marsh land.
- **Coastal Restoration Feasibility Studies – Louisiana DNR:** Mr. Pitre served as Project Manager and Project Engineer for feasibility contract with Louisiana Department of Natural Resources, Coastal Restoration Division to develop alternative design solutions for seventeen coastal restoration engineering projects in southern Louisiana. Projects included shoreline stabilization and wetland conservation and restoration.
- **Mississippi River Long Distance Sediment Pipeline – Phase 2, Jefferson Parish, 2015-Present:** Mr. Pitre serves as the Project Manager on this coastal project. AIMS is responsible for assisting in the preparation of the design documents, the Joint Permit Application and all supporting documents. The project is presently working through final engineering design.
- **Lafitte Tidal Protection Levee – Crown Point Basin, Lafitte Levee District, 2014-Present:** Mr. Pitre serves as Project Manager of the AIMS Group team that provides engineering design for construction of a tidal protection levee around Crown Point. The levee system construction consists of 3 separate reaches - approximately 7,700 linear feet of frontal protection along Bayou Barataria; approximately 8,600 linear feet of frontal protection along Bayou Des Families; and approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 that will be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D or higher.
- **Vegetative Ridge and Marsh Creation, Plaquemines Parish, 2015-Present:** AIMS Group was awarded two marsh creation projects: Bayou Au Noire and Bay Adams Headland by Plaquemines Parish. AIMS is providing environmental\coastal design and permitting engineering services relative to these two Restore Act marsh creation and ridge restoration projects. Mr. Pitre serves as the AIMS Group Program Manager, providing design recommendations and other project leadership responsibilities.
- **Barrier Island Restoration and Marsh Creation, St. Bernard Parish, 2018-Present:** AIMS Group was tasked by St. Bernard to conduct a multifaceted feasibility study that included design development for barrier geometry options, construction material analysis, wave and storm surge modeling, and constructability. We are now in the preliminary design phase of the project. Mr. Pitre serves as the AIMS Program Manager coordinating all engineering disciplines and subs for the complex coastal project.
- **HSDRRS Levee System, U.S. Army Corps. of Engineers, 2005-Present:** AIMS continues to provide engineering design and construction administration services to the New Orleans District. AIMS has completed more than 30 flood protection task orders for the Corps of Engineers, which include: First ever baseline inspection and report of the 14B HSDRRS Levee System; Design and Construction of Bayou Segnette State Park Floodwall, Levees, Drainage, Access Roads, and Gates; Westshore Floodwall, Pump Station and Levee System; Golden Meadow to Larose Floodwall and Vehicular Gate; and various design improvements to pump stations throughout Orleans and Jefferson. Mr. Pitre served as Program Manager for each of these USACE projects.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jens Nielsen, P.E. Senior Civil\Structural Engineer - Quality Control Manager
Project Assignment:
Quality Control Engineer Design Manager
Name of Firm with which associated:
 <p>AIMS Group, Inc. Consulting Engineers 4421 Zenith Street Metairie, LA 70001</p>
Years' experience with this Firm:
16 years
Education: Degree(s)/Year/Specialization:
B.S. Civil Engineering\1961; M.E. Civil Engineering\1973
Active registration: Year first registered/discipline:
Civil Engineering\Louisiana E-7940\1961
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Nielsen is the most experienced engineer employed by the AIMS Group. He has more than fifty (50) years of diversified Civil\Structural engineering experience, involving design and construction management of virtually every type of engineering project. Mr. Nielsen has been associated with many governmental agencies and his varying types of civil/structural projects include various coastal flood protection projects. He has served as the Chief Engineer at AIMS Group, Inc. for more than 25 relative projects associated with hurricane flood protection projects with the U.S. Army Corps of Engineers. These projects are most closely related to those listed in the solicitation that relate to pump station design, structural design, outfall structures, general engineering, levee design, inspection and construction oversight. Below is a very brief example of Mr. Nielsen's most relevant experience:</p> <ul style="list-style-type: none"> • HSDRRS Levee System, U.S. Army Corps. of Engineers, 2005-Present: AIMS continues to provide engineering design and construction administration services to the New Orleans District. AIMS has completed more than 30 flood protection task orders for the Corps of Engineers, which include: First ever baseline inspection and report of the 14B HSDRRS Levee System; Design and Construction of Bayou Segnette State Park Floodwall, Levees, Drainage, Access Roads, and Gates; Westshore Floodwall, Pump Station and Levee System; Golden Meadow to Larose Floodwall and Vehicular Gate; and various design improvements to pump stations throughout Orleans and Jefferson. Mr. Nielsen served as QA\QC Manager for each of these USACE projects. • Drainage Pump Station Design and Restoration, Jefferson and Orleans Parishes: Mr. Nielsen served as Project Manager for 5 new major drainage pump stations in the metropolitan New Orleans area. The pump

TEC Professional Services Questionnaire

stations are located in Jefferson Parish and Orleans Parish. Mr. Nielsen has had extensive experience in all facets of the design and restoration of drainage pumps stations for a major portion of his career. His typical duties included bringing all projects to plans and specifications for bidding and coordinating all required disciplines of engineering required for the design.

- **HSDRRS West Return Floodwall, U.S. Army Corps. of Engineers, 2012:** Mr. Nielsen was the Chief Engineer responsible for all Quality Control analysis for this project, which involved the replacement of the entire existing hurricane floodwall located in Kenner, Louisiana with a new floodwall consistent with the new hurricane protection standards. Also included in the project task was to analyze the drainage impact to the adjacent neighborhoods.
- **Mississippi River Long Distance Sediment Pipeline – Phase 2, Jefferson Parish, 2015-Present:** Mr. Nielsen serves as QA\QC Manager on this coastal project. AIMS is responsible for assisting in the preparation of the design documents, the Joint Permit Application and all supporting documents. The project is presently working through final engineering design.
- **Lafitte Tidal Protection Levee – Crown Point Basin, Lafitte Levee District, 2014-Present:** Mr. Nielsen served as QA\QC Manager. AIMS Group team provides engineering design for construction of a tidal protection levee around Crown Point. The levee system construction consists of 3 separate reaches - approximately 7,700 linear feet of frontal protection along Bayou Barataria; approximately 8,600 linear feet of frontal protection along Bayou Des Families; and approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 that will be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D or higher.
- **Vegetative Ridge and Marsh Creation, Plaquemines Parish, 2015-Present:** AIMS Group was awarded two marsh creation projects: Bayou Au Noire and Bay Adams Headland by Plaquemines Parish. AIMS is providing environmental\coastal design and permitting engineering services relative to these two Restore Act marsh creation and ridge restoration projects. Mr. Nielsen served as QA\QC Manager for each of these coastal projects, providing design recommendations and other project leadership responsibilities.
- **Barrier Island Restoration and Marsh Creation, St. Bernard Parish, 2018-Present:** AIMS Group was tasked by St. Bernard to conduct a multifaceted feasibility study that included design development for barrier geometry options, construction material analysis, wave and storm surge modeling, and constructability. We are now in the preliminary design phase of the project. Mr. Nielsen served as QA\QC Manager.
- **WBA-01 & 02 – West Barataria Marsh Creation Corridor, 2021-Present:** AIMS Group provided engineering services to prepare construction plans and submit a permit application for the project. Services include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE).
- **LCA BUDMAT - Barataria Waterway Dredging - Marsh Restoration, 2020-Present:** AIMS Group provided Planning, Engineering, and Design for the BUDMAT Barataria Bay Waterway Dredging – Marsh Restoration. We have provided support to Jefferson Parish in developing a partnership with the U.S. Army Corps of Engineers (USACE) for the LCA BUDMAT Program for the Coastal Project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Michael S. Sepcich, Esq. Senior Attorney
Project Assignment:
Senior Attorney – Grant Specialist – Stakeholder Facilitator
Name of Firm with which associated:
 <p>AIMS Group, Inc. Consulting Engineers 4421 Zenith Street Metairie, LA 70001</p>
Years' experience with this Firm:
14 years
Education: Degree(s)/Year/Specialization:
B.S. UNO / 1991 /Economics J.D. Loyola School of Law / 1996
Active registration: Year first registered/discipline:
Louisiana State Bar Association /1997/#24877
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Sepcich has more than 25 years of experience involving management of varying types of complex projects. He has served as litigation counsel, professional consultant, and senior project manager to various Louisiana municipalities and State entities. Mr. Sepcich also spent time working for The Louisiana House of Representatives. Mike has extensive knowledge and experience with federal grant programs, including The Restore Act and has helped local parishes successfully navigate through the Restore Act application process. A brief sample of the coastal restoration projects that he was involved in are below:</p> <ul style="list-style-type: none"> • Mississippi River Long Distance Sediment Pipeline – Phase 2, Jefferson Parish, 2015-Present: Mr. Sepcich serves as the Contract Lead on this coastal project. AIMS is responsible for assisting in the preparation of the design documents, the Joint Permit Application, and all supporting documents. The project is presently working through final engineering design. • Lafitte Tidal Protection Levee – Crown Point Basin, Lafitte Levee District, 2014-Present: Mr. Sepcich serves as a stakeholder facilitator assisting with real estate right of entries and right of way documentation. The AIMS Group team provides engineering design for construction of a tidal protection levee around Crown Point. The levee system construction consists of 3 separate reaches - approximately 7,700 linear feet of frontal protection along Bayou Baratavia; approximately 8,600 linear feet of frontal protection along Bayou Des Families; and approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 that will be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D or higher).

TEC Professional Services Questionnaire

- **Vegetative Ridge and Marsh Creation, Plaquemines Parish, 2015-Present:** AIMS Group was awarded two marsh creation projects: Bayou Au Noire and Bay Adams Headland by Plaquemines Parish. AIMS is providing environmental\coastal design and permitting engineering services relative to these two Restore Act marsh creation and ridge restoration projects. Mr. Sepcich serves as the AIMS Group grant administrator, providing all grant preparation documentation that has secured nearly 20M in Restore Act funding and other project leadership responsibilities.
- **Barrier Island Restoration and Marsh Creation, St. Bernard Parish, 2018-Present:** AIMS Group was tasked by St. Bernard to conduct a multifaceted feasibility study that included design development for barrier geometry options, construction material analysis, wave and storm surge modeling, and constructability. We are now in the preliminary design phase of the project. Mr. Sepcich serves as the AIMS Group Environmental Regulatory Attorney.
- **Flood Protection Authority West, Jefferson Parish, 2014-Present:** AIMS Group was selected to provide engineering services to SLFPA-West for its levee assessment program and its levee lift projects. AIMS was responsible for 5 different levee reaches, which included preparation of plans and specifications, bid documents, engineering review of projects, emergency response assistance and construction administration. Mr. Sepcich serves as a stakeholder facilitator assisting with real estate right of entries and right of way documentation.
- **Louisiana Watershed Initiative, State of Louisiana, 2018-Present:** AIMS Group was selected as a technical partner to the State PM Team. AIMS responsibilities include technical review and assistance of Round 1 Watershed Grant Projects – both in evaluating Projects to be included and assisting local and regional partners with their respective grant applications. Mr. Sepcich serves on the State PM Liason Team.
- **WBA-01 & 02 – West Barataria Marsh Creation Corridor, 2021-Present:** AIMS Group provided engineering services to prepare construction plans and submit a permit application for the project. Services include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE). Mr. Sepcich serves as the AIMS Group Environmental Regulatory Attorney.
- **LCA BUDMAT - Barataria Waterway Dredging - Marsh Restoration, 2020-Present:** AIMS Group provided Planning, Engineering, and Design for the BUDMAT Barataria Bay Waterway Dredging – Marsh Restoration. We have provided support to Jefferson Parish in developing a partnership with the U.S. Army Corps of Engineers (USACE) for the LCA BUDMAT Program for the Coastal Project. Mr. Sepcich serves as the AIMS Group Environmental Regulatory Attorney.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	Harold J. DeLeo, P.E. Civil Project Engineer
Project Assignment:	Project Engineer and Analyst
Name of Firm with which associated:	 <p>AIMS Group, Inc. Consulting Engineers 4421 Zenith Street Metairie, LA 70001</p>
Years' experience with this Firm:	10 years
Education: Degree(s)/Year/Specialization:	B.S. / 2006 / Civil Engineering
Active registration: Year first registered/discipline:	Professional Engineer Year first registered: 2012/ West Virginia/ License No. 19737 Discipline: Civil Engineering LA License No.: PE-38635 Discipline: Civil Engineering
Other experience and qualifications relevant to the proposed Project:	<p>Mr. DeLeo has 18 years' experience as Project Engineer and Design Engineer on many storm drainage analyses, design and improvement projects. Prepared design calculations, hydraulic and hydrologic models, technical reports, and engineering plans and specifications for design of drainage facilities, storm drains/sewers, storm drainage pumping stations and detention facilities. A brief sample of the most recent projects that he was involved in are:</p> <ul style="list-style-type: none"> • Mississippi River Long Distance Sediment Pipeline – Phase 2, Jefferson Parish, 2015-Present: Mr. DeLeo serves as Project Engineer on this coastal project. AIMS is responsible for assisting in the preparation of the design documents, the Joint Permit Application and all supporting documents. The project is presently working through final engineering design. • Lafitte Tidal Protection Levee – Crown Point Basin, Lafitte Levee District, 2014-Present: Mr. DeLeo serves as Project Engineer. The AIMS Group team provides engineering design for construction of a tidal protection levee around Crown Point. The levee system construction consists of 3 separate reaches - approximately 7,700 linear feet of frontal protection along Bayou Barataria; approximately 8,600 linear feet of frontal protection along Bayou Des Families; and approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 that will be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D or higher.

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- **Vegetative Ridge and Marsh Creation, Plaquemines Parish, 2015-Present:** AIMS Group was awarded two marsh creation projects: Bayou Au Noire and Bay Adams Headland by Plaquemines Parish. AIMS is providing environmental\coastal design and permitting engineering services relative to these two Restore Act marsh creation and ridge restoration projects. Mr. DeLeo serves as Project Engineer.
- **Barrier Island Restoration and Marsh Creation, St. Bernard Parish, 2018-Present:** AIMS Group was tasked by St. Bernard to conduct a multifaceted feasibility study that included design development for barrier geometry options, construction material analysis, wave and storm surge modeling, and constructability. We are now in the preliminary design phase of the project. Mr. DeLeo serves as Senior Civil Engineer.
- **Flood Protection Authority West, Jefferson Parish, 2014-Present:** AIMS Group was selected to provide engineering services to SLFPA-West for its levee assessment program and its levee lift projects. AIMS was responsible for 5 different levee reaches, which included preparation of plans and specifications, bid documents, engineering review of projects, emergency response assistance and construction admin. Mr. DeLeo serves as Project Engineer.
- **Louisiana Watershed Initiative, State of Louisiana, 2018-Present:** AIMS Group was selected as a technical partner to the State PM Team. AIMS responsibilities include technical review and assistance of Round 1 Watershed Grant Projects – both in evaluating Projects to be included and assisting local and regional partners with their respective grant applications. Mr. DeLeo serves as Project Engineer.
- **HSDRRS Levee System, U.S. Army Corps. of Engineers, 2005-Present:** AIMS continues to provide engineering design and construction administration services to the New Orleans District. AIMS has completed more than 30 flood protection task orders for the Corps of Engineers, which include: First ever baseline inspection and report of the 14B HSDRRS Levee System; Design and Construction of Bayou Segnette State Park Floodwall, Levees, Drainage, Access Roads, and Gates; Westshore Floodwall, Pump Station and Levee System; Golden Meadow to Larose Floodwall and Vehicular Gate; and various design improvements to pump stations throughout Orleans and Jefferson. Mr. DeLeo served as Project Design Engineer for each of these USACE projects.
- **WBA-01 & 02 – West Barataria Marsh Creation Corridor, 2021-Present:** AIMS Group provided engineering services to prepare construction plans and submit a permit application for the project. Services include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE).
- **LCA BUDMAT - Barataria Waterway Dredging - Marsh Restoration, 2020-Present:** AIMS Group provided Planning, Engineering, and Design for the BUDMAT Barataria Bay Waterway Dredging – Marsh Restoration. We have provided support to Jefferson Parish in developing a partnership with the U.S. Army Corps of Engineers (USACE) for the LCA BUDMAT Program for the Coastal Project.

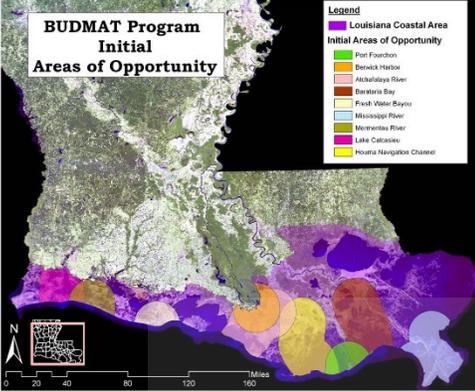
TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.		
PROJECT NO. 1		
Project Name, Location and Owner's contact information: Project Name: WBA-02 - West Barataria Marsh Creation Corridor Location: Jefferson Parish, LA Contact: Michelle Gonzales, CFM Director, Jefferson Parish Ecosystem and Coastal Management Department 504-736-6653	Nature of Firm's Responsibility: AIMS Group provided engineering services to prepare construction plans and submit a permit application for the WBA-01 West Barataria Marsh Creation Corridor project. AIMS Group is a sub consultant to APTIM. Services include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE). AIMS Group provided a Schematic Design Report to include a set of base maps that can be used to develop final plan view drawings for the permit application. Affected Landowners Report to include a list of affected landowners and base maps depicting land ownership by parcel to facilitate the Louisiana Department of Natural Resources Coastal Use Permit application requirement to notify all landowners and to serve as guidance for an abstractor to develop documentation needed for rights-of-way acquisition. Prepared Preliminary Plans for Construction. AIMS Group assisted in Preparing Joint Permit Application which included assisting in Preparing Permit Application Supporting Documents and Drawings and development of Preliminary Plans, Specifications and Opinion of Estimated Construction Costs. Estimate of Probable Construction Costs is \$25 Million.	
	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completion Date (Actual or estimated): Final Design - 90% December 2023	\$5,200,000.00	\$2,343,728.00

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: WBA-03 - West Barataria Marsh Creation Corridor</p> <p>Location: Jefferson Parish, LA</p> <p>Contact: Michelle Gonzales, CFM Director, Jefferson Parish Ecosystem and Coastal Management Department 504-736-6653</p> 	<p>AIMS Group is providing Preliminary Design Phase Services for marsh creation for this Coastal Project which is in Jefferson Parish.</p> <p>Jefferson Parish proposes to re-create and develop approximately 516 Acres of marsh using the West Barataria Marsh Creation Corridor Project. The amount of fill proposed is to create a design life of 20 years.</p> <p>The marsh created will provide a buffer fr storm surge, while creating a sustainable habitat for wildlife. Marsh habitat will be restored in open water areas where it has been lost due to subsidence, canal construction, and the impacts of tropical storms.</p> <p>Tasks include:</p> <ul style="list-style-type: none"> • Identify Potential Borrow Sources River and Basin Side • Collect Existing Data and Available Information for Environmental Inventory • Develop Preliminary Minimum Impacts Self-Mitigating Design for Permitting • Develop Preliminary Geotechnical Drilling Plan and Surveying Plan • Develop Estimated Construction Cost <p>Estimate of Probable Construction Costs is \$45 Million.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 1 - Preliminary September 2023	\$1,745,178.00	\$785,330.00
PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Project Name: Louisiana Coastal Area Beneficial Use of Dredged Material (LCA BUDMAT) Barataria Bay Waterway Dredging – Marsh Restoration Planning, Engineering, and Design Program Support</p>	<p>AIMS Group provided Planning, Engineering, and Design for the BUDMAT Barataria Bay Waterway Dredging – Marsh Restoration. We have provided support to Jefferson Parish in developing a partnership with the U.S. Army Corps of Engineers (USACE) for the LCA BUDMAT Program for the Coastal Project. Work will be distributed between Jefferson Parish and the USACE based on the 25/75 cost share split with the USACE and will be monitored monthly.</p>	

TEC Professional Services Questionnaire

<p>Location: Jefferson Parish, LA</p> <p>Contact: Michelle Gonzales, CFM Director, Jefferson Parish Ecosystem and Coastal Management Department 504-736-6653</p> 	<p>This task order included the following services: Project Management, Development of Project Area and Study Area, Evaluation of Potential Projects, Environmental Report Development, Mapping, Development of Alternative Project Descriptions and Impacts, Development of Refined Project Areas, Development of Project Construction Components, Development of Construction Methods & Access Routes, Development of Screening Level Construction Costs, Final Screening for Tentatively Selected Plan, Project Delivery Team Weekly Planning Meetings Attendance and Preparation, Review of Existing Geotechnical and Survey Data, Construction and Transport Methods Analysis and Development, Refining of Tentatively Selected Plan Footprint for Final Design, Development of Construction Quantities & Plans & Specifications.</p> <p>Estimate of Probable Construction Costs is \$1.45 Million.</p>				
Completion Date (Actual or estimated)	Estimated Cost:				
July 2022	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Entire Project:</td> <td style="width: 50%; text-align: center;">Work for which Firm was Responsible:</td> </tr> <tr> <td style="text-align: center;">\$273,760.00</td> <td style="text-align: center;">\$65,090.00</td> </tr> </table>	Entire Project:	Work for which Firm was Responsible:	\$273,760.00	\$65,090.00
Entire Project:	Work for which Firm was Responsible:				
\$273,760.00	\$65,090.00				

PROJECT NO. 4	
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p>Project Name: Bayou Eau Noire Ridge Restoration and Marsh Creation</p> <p>Location: Plaquemines Parish, Louisiana</p> <p>Contact: Kimberly Buck, Director Coastal Resources & Communications, Plaquemines Parish Government 504-934-6297</p>	<p>AIMS Group, Inc. provided professional engineering services for permitting assistance, planning and conceptual design for the ridge restoration and marsh creation for the Coastal Project which was included in Plaquemines Parish's Multiyear Implementation Plan filed and accepted by the U.S. Treasury on June 2, 2017 in compliance with The Resources and Ecosystems Sustainability, Tourist Opportunities and Revived Economies of the Gulf Coast States Act of 2012 ("RESTORE Act") and federal procurement laws and regulations.</p> <p>Our tasks included the development of Conceptual/Permit-Level Design Plans for the Preferred Design and Layout. Determination of an alignment and develop a ridge template that will meet the project objectives of damping wave energy as part of a "multiple lines of defense" strategy.</p>

TEC Professional Services Questionnaire

	<p>AIMS Group, Inc. assisted in Preparing Joint Permit Application Form which included assisting in Preparing Permit Application Supporting Documents and Drawings. Attend Pre-Application Meetings including: CEMVN, DNR-OCM, MNSA, and Resource Agencies (NMFS, USFWS, EPA, CPRA, LDEQ, et al).</p> <p>Estimate of Probable Construction Costs: \$79,500,000.00.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2022	\$3,534,980.00	3,062,800.00
PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: Bay Adams Ridge Restoration and Marsh Creation</p> <p>Location: Plaquemines Parish, Louisiana</p> <p>Contact: Kimberly Buck, Director Coastal Resources & Communications, Plaquemines Parish Government 504-934-6297</p>	<p>AIMS Group, Inc. provided professional engineering services relative to the Coastal Project which is included in Plaquemines Parish's Multiyear Implementation Plan overseen by the U.S. Treasury in compliance with The Resources and Ecosystems Sustainability, Tourist Opportunities and Revived Economies of the Gulf Coast States Act of 2012 ("RESTORE Act") and federal procurement laws and regulations.</p> <p>The specific objective of the Adams Bay Ridge/Headland Restoration project is to implement the Multiple Lines of Defense Strategy by restoring a natural land bridge that will reduce storm induced wave conditions on the West Bank of the hurricane protection system and the estuarine marshes behind it. This strategy will contribute to decreasing the loss of critical marsh habitat in addition to reducing the risk of flooding due to wave overtopping in areas adjacent to the ridge. The Headland Ridge will offer enhanced flood protection benefits via wave attenuation, while creating a sustainable habitat for wildlife. Marsh habitat will be restored in open water areas where it has been lost due to subsidence, canal construction, and the impacts of tropical storms. The proposed project will restore approximately 6.2 miles of natural headland ridge and create approximately 450 acres of new marsh.</p> <p>Estimate of Probable Construction Costs: \$100,000,000.00.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024 (e)	\$8,038,000.00	\$7,350,000.00

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PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: Westbank and Vicinity, New Orleans LA Hurricane Protection Project HSDRRS Levee Lift Prior to Armoring For WBV 14e.2, 14c.2, 16.2 and WBV 18.2</p> <p>Location: Jefferson Parish, Louisiana</p> <p>Contact: Jesse Noel, P.E. Southeast Louisiana Flood Protection Authority – West 504-371-6847</p> 	<p>AIMS Group, Inc. coordinated all engineering requirements for 408 permit relative to the HSDRRS Levee lifts prior to armoring for SLFPA – West. This included development of a complete set of construction plans and specifications, geotechnical data, H & H design and analysis, real estate requirements, emergency planning and regulatory requirements. In addition, AIMS provided all engineering design required to lift the HSDRRS levees WBV 14e.2, WBV 14e.2A, WBV 15a.2, WBV 16.2 and WBV 18.2 (Lake Cataouatche and Bayou Segnette).</p> <p>AIMS Group, Inc. provided a permit package for a 404/408 Permit. The 408 Permit package included preparation of a Coastal Use Joint Permit Application from the Army Corps of Engineers New Orleans District (CEMVN) and Louisiana Department of Natural Resources, Office of Coastal Management for the proposed activities. Also included are the provision of drawings and documents required for the coordination with the Army Corps of Engineers New Orleans District (CEMVN) for a 404 Permit. All work was conducted in keeping with current Federal and state guidelines to insure agency guidance compliance. A detailed Borrow Analyses was performed in accordance with the requirements of the Army Corps of Engineers.</p> <p>AIMS Group, Inc. was also responsible for the preparation of plans and specifications for construction of a levee lift on more than 10 miles of levee. AIMS design was based on the required section for the levee being a full lift to the original as-built design grade plus 6'' for the levee and will not include the berms. The construction also included replacement of the slope protection at the end of the project near the Old Estelle Pump Station and gate structures.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2017	\$944,000.00	\$944,000.00

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PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: St. Bernard Barrier Island Feasibility Study & Preliminary Design</p> <p>Location: St. Bernard Parish, Louisiana</p> <p>Contact: John Lane Coastal Department Manager, St. Bernard Parish Email: jlane@sbpg.net</p> 	<p>AIMS Group provided a Feasibility Study to determine what affects the construction of land masses on the outer limits of the St. Bernard Parish coastal marsh might have on storm surge, the protection of existing marshes, and the creation of new coastal land masses to counter land loss. The Tasks listed below will enable St. Bernard Parish Government, as well as other State and Federal Agencies, to make an educated decision on the benefits of this type of infrastructure. In the event that the findings are positive, it is likely that more evaluation will be required. Subsequently AIMS Group was contracted to perform Preliminary Engineering for the Project. The Scope will include preliminary design of the Project and preliminary environmental permitting activities. In addition, the scope will include refinement of the wave models with a more detailed analysis and conduct preliminary site investigations, including some very limited survey and geotechnical investigations. Agency coordination will continue and be advanced during the preliminary design phase.</p> <p>AIMS' tasks include: Information Gathering, Reconnaissance and Data Review, Design Development for Barrier Geometry Options and for Barrier Materials Types & Research into Borrow Sources Constructability & Sequencing and Design Development of Construction Details, Wave & Storm Surge Modeling, Agency and Jurisdictional Coordination, Report Development, Environmental Analysis, Constructability and Cost Analysis, Permit Planning Engineering Analysis, Construction Plan Development and Quantities & Estimate</p> <p>Total Estimated Project Costs: \$242,100,000.00.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2024	\$3,539,650.00	\$2,400,000.00

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PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: WBA-01 - West Barataria Marsh Creation Corridor</p> <p>Location: Jefferson Parish, LA</p> <p>Contact: Michelle Gonzales, CFM Director, Jefferson Parish Ecosystem and Coastal Management Department 504-736-6653</p> 	<p>AIMS Group provided engineering services to prepare and submit a permit application for the LDSP West of Barataria Waterway project. Our responsibilities include researching existing literature; developing base maps that depict proposed alignment and/or alternative alignments and affected properties; compiling a list of affected landowners; identifying special design challenge and pumping requirements; preparing preliminary design; preparing a cost estimate; and attending a pre-application meeting with the U.S. Army Corps of Engineers (USACE).</p> <p>AIMS provided a Schematic Design Report to include a set of base maps to develop final plan view drawings for the permit application. Affected Landowners Report to include a list of affected landowners and base maps depicting land ownership by parcel to facilitate the Louisiana Department of Natural Resources Coastal Use Permit application requirement to notify all landowners and to develop documentation needed for rights-of-way acquisition. Prepared Preliminary Plans for Construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 1 - February 2021	\$3,200,000.00	\$1,600,000.00
PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Project Name: Lafitte Tidal Protection Levee – Crown Point Basin</p> <p>Location: Jefferson Parish, Louisiana</p> <p>Contact: Nicole Cooper Director of Administration Lafitte Levee District (504) 233.1109</p>	<p>AIMS Group is provide permitting assistance and Engineering design for construction of tidal protection Levee around Crown Point. The levee system construction consists of the following: Approximately 7,700 linear feet of frontal protection along Bayou Barataria; Approximately 8,600 linear feet of frontal protection along Bayou Des Families and Approximately 5,700 linear feet of existing levees and berms along LA HWY 3134 shall be modified (widened and/or lifted to a crown height of 7.5 feet N.G.V.D. or higher.</p> <p>The proposed levee sections shall consist of a concrete-capped steel sheet pile bulkhead type wall and an earthen levee embankment section. Floodgates will be constructed to provide water access to marine vessels to provide land access to vehicles at interesting roads and highways. Perform on-site inspections of existing drainage and flood protection</p>	

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	<p>system. Determine preliminary locations for route alignment and how it impacts the procurement of lands, Easements, Rights-of-Way, Relocations, and disposals.</p>	
<p>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>Phase 1 – January 2018</p>	<p>\$700,000.00</p>	<p>\$300,000.00</p>

PROJECT NO. 10

<p>Project Name, Location and Owner's contact information:</p>	<p>Nature of Firm's Responsibility:</p>	
<p>Project Name: Louisiana Watershed Initiative</p> <p>Location: State of Louisiana</p> <p>Contact: Office of Community Development - Gina Campo, Deputy Executive Director Email: gina.campo@la.gov Phone: (225) 219.9600</p>	<p>AIMS Group serves as a technical partner to the State LWI PM Team. Our responsibilities include technical review and assistance of Round 1 Watershed Grant Projects – both in evaluating Projects to be included and assisting local and regional partners with their respective grant applications. Our responsibilities also include augmenting the state's staff to help with grant administration duties, flood plain management, and hydrologic modeling.</p> <p>The LWI seeks to pursue a holistic approach to watershed management, one that goes beyond conventional mitigation measures and incorporates nature-based solutions. LWI is also developing computer models to better understand flood risk and help select projects best suited for investment in each watershed region. By investing in efforts that build statewide flood defense, Louisiana will better safeguard our communities and culture for generations to come, as well as provide an example for other states facing similar flood risk challenges.</p>	
<p>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>May 2021 (Round 1)</p>	<p>\$3,380,000.00</p>	<p>\$750,000.00</p>

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M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. None		Not applicable

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

INTRODUCTION

AIMS GROUP, Inc. was formed in 1996 as a locally owned diversified professional engineering consulting firm. As a certified Louisiana Small and Emerging Business (#8432), AIMS GROUP has experienced consistent growth over the past five (5) years.



We specialize in municipal engineering, having completed more than 250 water, sewerage, street and drainage projects for various local, state and federal governmental agencies, including various City and Parish Public Works. The Team we assembled for this solicitation is extremely qualified to execute a master drainage plan for the parish. AIMS personnel has extensive knowledge of the Parish's drainage assets coupled with the modeling expertise of partner Freese and Nichols makes us the right team for this solicitation. Our Team Members have worked on many projects and utilize all of the latest computer technology and hydrology modeling software necessary to complete any project with speed and efficiency. AIMS GROUP performs all design, project administration, and supervision from their locally owned office. Our projects are well-coordinated, well-managed, and are completed in accordance with good engineering practice, relevant specifications and guidelines. We pride ourselves in our ability to listen to our clients' concerns and to follow through with thoughtful, in-depth strategies and actions – we strive to EXCEED EXPECTATIONS.

AIMS GROUP has provided consulting engineering services for twenty (20) years in the greater New Orleans area. Below we have included a sample of clients who we have successfully completed projects for:

U.S. Army Corps of Engineers	State of Louisiana	Jefferson Parish
City of New Orleans	Flood Authority East	Plaquemines Parish
Orleans Parish School Board	New Orleans International Airport	Flood Authority West
St. Tammany Parish	Louisiana Office of Facility Planning and Control	St. Bernard Parish
University of New Orleans	Town of Lafitte	City of Kenner
City of Westwego	New Orleans Sewerage & Water Board	Town of Grand Isle

PROJECT APPROACH



Our approach is a time-tested, value approach. AIMS' philosophy in approaching any type of assignment is to first understand what the client wants accomplished – an analysis to understand the project completely and fully. We will start during our pre-contract discussions by asking relevant questions, sharing our experience from other projects and listening well. Then we will follow this up with the development of a cost-effective scope proposal.

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Once the agreement is in place, we will have a project kick-off meeting. Our major role, in addition to providing a professional and cost effective engineering product, is to assist our client to ensure that all parties involved or affected by the project are kept up-to-date relative to their interest. Our design team works with our client to thoroughly research the project at hand to tailor a project-specific approach to reach the optimal result. AIMS GROUP wants you to be more than just satisfied when our work is done; we will go above and beyond to exceed your expectations.

ADVANTAGES OF THE AIMS' TEAM

The AIMS GROUP team offers the following distinct advantage to Jefferson Parish for any coastal projects:

THE ABILITY TO PLAN, DESIGN AND ENABLE PROJECTS. Our team of professional engineers and designers has the required experience to model, evaluate, and design projects that will exceed the Parish's expectations. From H&H modeling to marsh creation and coastal planning, AIMS has the experience.

THE ABILITY TO IMMEDIATELY RESPOND TO JEFFERSON PARISHES' NEEDS. We have consistently demonstrated the capacity to quickly execute any project the Parish of Jefferson may have – this includes the recent design and construction management of numerous Parish projects.

AN INTEGRATED APPROACH TO SCIENCE AND ENGINEERING. AIMS believes that the best way to make sure that a project functions as intended is to ensure that our engineers and scientists work collaboratively from project inception through completion and monitoring. This allows early integration of environmental and scientific requirements into the overall project planning that ensures there are no new requirements that emerge as a project moves into design and construction – keeping the project on time and within budget.

A LOCAL COMMITMENT TO LOUISIANA AND ITS ENGINEERING COMMUNITY. Building structural and coastal engineering projects in the austere environment of coastal Louisiana is difficult at best. Our team understands the art of aligning the complexity and scale of these projects to the best delivery method to allow competitive bids and quality outcomes. We have a complete understanding of the complexities of our physical environment and engineering practices locally and nationally. Our professionals live where they work!

The rest of the narrative in this Section has been specially developed for your evaluation and selection of qualified firms for this solicitation:

- I. Professional Training and Experience**
- II. Capacity for Timely Completion of the Work**
- III. Location of the Principal Office**
- IV. Adversarial Legal Proceedings with Jefferson Parish**
- V. Prior Successful Completion of Projects**
- VI. Size of Firm**
- VII. Past Performance on Parish Contracts**

I. PROFESSIONAL TRAINING AND EXPERIENCE:

Specialized Experience

AIMS GROUP'S professionals have more than **100 years of combined engineering experience** in municipal engineering projects. Our personnel have worked on various projects involving the development of project

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alternative studies, project designs and plans, civil engineering, structural engineering, general engineering, environmental assessments, coastal restoration and flood protection, construction oversight, cost estimating and project management projects throughout southeast Louisiana. The types of projects that our team has worked that are relevant to these solicitations are as follows:

- **Permitting Assistance** – NEPA, 404 and 405 permits, coastal use permit applications; coastal restoration planning assistance; research of regulations, including Restore Act.
- **Levee design/Flood Protection** – Design, construction administration, construction management, alternative studies.
- **Modeling and Drainage Analysis** – Perform all facets of drainage analysis process, including but not limited to – extensive experience with the following modeling programs: well-versed in various software packages including HEC-RAS, HEC-HMS, ICPR, PondPack, PC-SWMM, XP-SWMM, Hydraflow, Storm Sewers, and Storm and Sanitary Analysis (SSA), among many others.; and
- **Coastal restoration** – Design, planning, permitting, construction administration, construction management, and alternative studies.
- **Structural foundations/structures** - Design, construction administration, construction management, and alternative studies.
- **Levee periodic inspections** – data manipulation and analysis with GPS software, report preparation and presentation of results. Personnel have been designated as Certified Levee Inspectors by the State of Louisiana. AIMS personnel have performed more periodic levee inspections for the USACE than any other firm in the region – more than 900 miles.
- **Resident Inspection** – Perform all coordination with the construction contractor, interpret all plans and specifications in accordance with the client and design team, provide daily monitoring and reports, on-site field inspections, maintain all field and construction records and verify all construction quantities and pay items of work.

AIMS Group has assembled a uniquely qualified team of coastal engineers and scientists to support Jefferson Parish for this contract. AIMS has brought together a comprehensive team of professionals to provide the full spectrum of technical expertise required to plan, design, and oversee construction of sustainable coastal restoration projects in all regions of coastal Louisiana.

AIMS Team has a reputation for successfully supporting coastal restoration and flood protection programs. Our experience in ecosystem restoration, hurricane protection, flood control, and water resource projects comes from a broad range of state, federal, and local programs that involve coastal, estuarine, and riverine systems. AIMS is presently providing engineering services for the following State Coastal Master Plan projects:

Coastal Master Plan Projects

- **Bayou Eau Noire Ridge Restoration and Marsh Creation**
- **Mississippi River Long Distance Sediment Pipeline, Phase 2**
- **Barataria Marsh Creation**
- **Bay Adams Headland Protection**
- **Lafitte Tidal Surge Protection**
- **St. Bernard Coastal Barrier Islands**

Each of these Master plan Projects has involved extensive H&H modeling, planning, feasibility analysis, and environmental permitting support expertise like what is required for any Jefferson Parish project.

We know how to plan, design, and construct sustainable coastal projects. We understand the tension that sometimes exists between the need to provide hurricane protection while also supporting restoration of dynamic shorelines, wetlands, and ecosystems. Our team of coastal engineers and designers has the required experience

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to model, evaluate, and design projects that will exceed expectations. We have experts in adaptive management who will ensure a flexible design with an appropriate monitoring and operations and maintenance (O&M) strategy for long-term sustainability. AIMS has in-house capabilities to perform the detailed design and construction management of the shoreline protection measures, diversions, marsh and ridge enhancements, control structures, channels, and dredging operations required to complete coastal restoration projects successfully. Our design support capabilities include civil/structural and hydraulic design, CAD, geographic information systems (GIS), cost estimating, scheduling, specifications writing, bid review, construction quality assurance, and engineering during construction, as well as construction management as required by Jefferson Parish.

Professional Qualifications

Key personnel for the AIMS Team were selected based on their qualifications related to the unique requirements of the Parish's projects and the Louisiana coastal environment. The following table summarizes the specialized expertise and professional qualifications of AIMS Team key personnel relevant to the required scope of work. In addition to the key personnel, we have included select support staff that provide unique capabilities to the team. Additional details on the experience and qualifications of key personnel are provided in section K herein.

Discipline	Name	Education	Other Qualification	Registration Certification	Overall Years Of Experience
Contract Manager	T. L'Hoste	BS\Civil Eng.	LDEQ Certified Asbestos Designer and Planner; LA Contractor	PE	25
Project Manager	L. Pitre	BS\Civil Eng	USACE\CPRA Certified Levee Inspector	PE	38
QA\QC Manager	J. Nielsen	BS\Civil Eng. ME\Civil Eng.	More than 50+ diversified engineering experience.	PE	55
Civil Engineering	H. DeLeo	BS\Civil Eng.	PE in Louisiana and West Virginia; USACE\CPRA Certified Levee Inspector	PE	18
Structural Engineer	F. Suthon, PE	BS\ Civil Eng.	PE in Louisiana with extensive USACE HSDRRS Design Experience	PE	40
Attorney Grant Specialist	M. Sepsich	BS\Econ JD\Law	25+ year career with legal compliance for public\private clients. Restore Act Specialist. La Watershed Initiative PM Team.	JD	28
Wetland Scientist	L. Patterson IV	BS\Ecology BS\Biology	NEPA Expert; Professional Wetland Scientist; ASCE Wetlands Training/404 Training	PWS	13
Professional Survey	H. McCurdy III	BS\Disaster Management	Professional Land Surveyor; BUDMAT projects	PLS	45
Geotechnical Engineer	S. Greaber	BS\Civil Eng.	30+ years of geotechnical experience in all aspects	PE	30

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II. CAPACITY FOR TIMELY COMPLETION OF THE WORK

AIMS GROUP has established a solid track record of timely completing projects for its clients within budget. In fact, AIMS has received the ACASS ratings of EXCELLENT from the U.S. Army Corps of Engineers (USACE) for all of its projects during the past 16 years – receiving a Certificate of Appreciation on February 6, 2012 from the USACE – New Orleans District for its exceptional achievements in support and work on the Hurricane and Storm Damage Risk Reduction System. Our personnel have completed over 250 civil engineering projects AND twenty-five (25) sizeable hurricane protection projects. Our projects are all completed on schedule and within budget. We attribute our success to keeping a realistic schedule and a constant coordination among all the personnel who are involved with the project.

AIMS presently has ample capacity to perform on any coastal project awarded. We look forward to the opportunity to provide professional services for Jefferson Parish. We have the required personnel and ability to perform at the highest professional level and can assure you that we will work hard exceed all expectations for any tasks we are awarded.

III. LOCATION OF THE PRINCIPAL OFFICE

AIMS GROUP, Inc. is located at 4421 Zenith Street, Metairie, Louisiana 70001. We are centrally located on the East Bank of Jefferson Parish, District 5 - less than 10 minutes away from the Yenni Building and just minutes away from any potential project location subject to this solicitation.

IV. ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH

AIMS GROUP, Inc. currently has **NO** litigation with Jefferson Parish - nor has it ever in the past.

V. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

Since its inception in 1996, AIMS GROUP has completed over (250) sizeable civil projects, involving water, flood protection and coastal projects. Detailed in Section I is our most recent coastal experience – in fact, our Senior Design Engineer, Jens Nielsen, alone has over 50 years of engineering experience and hundreds of prior successful flood protection projects that he has personally handled. Our team's experience, as seen by the questionnaire, includes the various types of projects that this solicitation seeks to identify. Our engineers work diligently to complete projects on time.

VI. SIZE OF FIRM

AIMS GROUP is an efficient company with Professional Engineers, Cost Estimators, Construction Inspectors, Project Managers and AutoCAD drafting personnel all working out of our locally owned office in Jefferson Parish. Combined, we have (10) Registered Professional Engineers, (2) Louisiana Registered Engineer in Training, (2) AutoCAD Draftsman, and (3) certified resident inspectors. Since all ten of our licensed engineers have more than (5) five years of experience, AIMS GROUP exceeds the minimum requirement established in the solicitations.

VII. PAST PERFORMANCE ON PARISH CONTRACTS

An indicator of capability and excellent past performance is the number of awards and letters of commendation AIMS has earned from our clients. The following officials have offered to discuss AIMS' qualifications:

TEC Professional Services Questionnaire

1. **Mr. Richard Varuso, Ph.D., P.E.** – U.S. Army Corps of Engineers – NO District – 7400 Leake Avenue New Orleans, LA 70118 – Phone: 504.862.2984.
2. **Mr. W. Keith Hinkley** – Plaquemines Parish President, 333 F Edward Hebert, Bldg. 100, Belle Chasse, LA 70037, Phone: 504.297.5564.
3. **Mr. David Camardelle** – Mayor of Grand Isle - Town of Grand Isle, P.O. Box 200, Grand Isle, LA 70358, Phone: 985.787.3196.

AIMS has a proven performance track record. Our project manager, Mr. Lowell Pitre, PE, has worked with several of the Jefferson Parish coastal staff members and will be responsible for managing all AIMS' personnel to ensure that schedules are met, and the project quality is delivered that the Parish expects. In addition, Mr. Thomas L'Hoste, PE, as the Principal in Charge will monitor the project team's performance and will seek regular feedback from the Parish regarding the team performance. Our subconsultants, Terracon and Bryant Hammett, are extremely qualified and AIMS has completed many successful projects with both. If improvements or changes are requested, Mr. L'Hoste will ensure that changes are made to allow for successful project completion.

Additionally, quotes from representative client commendations have been included:

"AIMS Group has been a tremendous asset to the Parish's Coastal Zone Management Program. The local knowledge and vast flood protection experience of the AIMS' Professionals is simply unmatched. As the coastal areas of Jefferson Parish begin to rebuild, Mr. L'Hoste and the professionals of AIMS will serve as a vital partner."

Honorable Marion Edwards – Jefferson Parish Councilman, District 1

"AIMS Group has been a tremendous partner of Plaquemine's Parish – working with our personnel to create the parish's coastal and flood protection plan. Tommy, Mike and staff have consistently put forth the effort required to deliver services and products that exceeded our expectations."

Billy Nungesser – Lieutenant Governor (2016-Present); Former Plaquemines Parish President

"I have worked with the staff of AIMS Group on various levee projects – from planning, permitting, and design. Tommy's professionals have always been responsive and provided solid results time-and-time again."

Mr. Keith Hinkley – Plaquemines Parish President.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: _____

Print Name: Thomas R. L'Hoste, PE

Title: President/Principal Engineer

Date: July 11, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Coastal Engineering Consulting Services As-
Needed Resolution 144205

B. Firm Name & Address where Project work will be performed:

Bryant Hammett & Associates, LLC
1104 Dealers Avenue
Suite A
Harahan, LA 70123



C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Bryant O. Hammett, Jr. PE/PLS
Owner/Manager
504-733-8004
bhammett@bha-engineers.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Hugh 'Bud' McCurdy, III, PLS
Professional Land Surveyor
504-733-8004
hmccurdy@bha-engineers.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>3</u> Administrative	<u>1</u> Estimators	___ Specification Writers
___ Architects (Licensed)	<u>1</u> Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>1</u> Civil Engineers	___ Interior Designers	<u>2</u> Project Managers
<u>4</u> Construction Inspectors	___ Landscape Architects	<u>2</u> Clerical
___ Ecologists	<u>6</u> Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	<u>8</u> Other
<u>2</u> Professional Land Surveyors		<u>30</u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. NA

2.

H. Has this JOINT-VENTURE previously worked together? Please check:

YES NO

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. No subcontractors for BHA		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

12

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Hugh 'Bud' McCurdy, III, PLS
Survey Manager

Project Assignment:

Mr. McCurdy will be the professional in charge of the project who is a registered professional land surveyor in Louisiana and has more than 45 years of surveying experience..

Name of Firm with which associated:

Bryant Hammett & Associates, LLC

Years' experience with this Firm:

5 years

Education: Degree(s)/Year/Specialization:

Non-degreed

Active registration: Year first registered/discipline:

1991/Professional Land Surveyor, LA

Other experience and qualifications relevant to the proposed Project:

Hugh 'Bud' McCurdy, III is a registered land surveyor in Louisiana with over 45 years' experience in land surveying, beginning his career as a rodman in 1973. He is involved in all aspects of boundary/property surveys for real estate transfer and the surveying required for engineering, rights-of-way acquisition, and construction projects, and is responsible for courthouse research and coordination of work. McCurdy has provided surveying services for oyster leases; pre- and post- dredging; construction projects, pipelines, accident sites, and boundary establishment. He recently oversaw the surveying for a Beneficial Use of Dredged Material project in Jefferson Parish, as well as the topographic and hydrographic surveying for the future construction of a flood wall in the Lower Barataria Basin.

Since 1978, Mr. McCurdy has worked on oyster leases for local fishermen and has exhaustively surveyed most all bays and bayous in Jefferson, Plaquemines and St. Bernard Parishes. In the late 1970's and early 1980's, he worked on pipelines and well locations in Venice, LA and in the Barataria Basin. Hydrographic surveys include pre-dredging and post-dredging, as well as dredge volume calculations.

He is responsible for supervision of all field crew activities, drafting, property descriptions, plats, and all surveying-related operations. Mr. McCurdy has extensive experience in all aspects of surveying, including but not limited to property boundary surveys for real estate transfer; subdivision and re-subdivision of properties; topographic and hydrographic/bathymetric survey for engineering and construction; and preparation of legal descriptions for attorneys. He is registered with the courts in Orleans, Jefferson, St. Tammany and Plaquemines Parishes.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Jeff Carey, CFM Survey Technician
Project Assignment:
Survey technician in charge of field crews; Certified Floodplain Manager
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
9 years
Education: Degree(s)/Year/Specialization:
BS/2009/Disaster Management
Active registration: Year first registered/discipline:
2010/ASFPM Certified Floodplain Manager US-10-05305 2012/Contractor's License: Residential Construction 2012/FEMA Substantial Damage Estimator (SDE) 1.1 2010/EMI-273 Managing Floodplain Development through NFIP 2017/ATSSA Traffic Control Technician, Supervisor, and Flagger 2012/Certified Construction Inspector, National Stormwater Center
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Carey manages boundary, topographic, hydrographic and magnetometer surveys and all surveying activity required for engineering, rights-of-way and construction projects. He is involved in all aspects of land surveying projects, including legal descriptions and elevation certificates. Mr. Carey leads the surveying required the Jefferson Parish's Hazard Mitigation Grant Program through providing elevation data and plot plans.</p> <p>Mr. Carey has served a survey technician on many hydrographic survey projects using RTK GPS and SonarMite Echosounders, and he is adept at magnetometer surveying. He is responsible for client liaison, directing field crews, supervising CADD operators, equipment calibration and maintenance, and communicating with field and office personnel. Mr. Carey has recently begun take the required exams to become a Professional Land Surveyor, with plans to be fully certified by next year.</p> <p><u>He has completed surveying on the following relevant surveys:</u></p> <p>Hydrographic/Magnetometer Survey, Jonathan Davis Consolidated Force Main, Jefferson Parish BUDMAT Barataria Waterway Survey, Jefferson Parish Long Distance Sediment Pipeline, Phase 2, Jefferson Parish New River Weir Removal and Channel Improvements, Ascension Parish MROV BUDMAT TP-10, Plaquemines Port Bayou Eau Noire Vegetative Ridge and March Creation Project, Plaquemines Parish Lower Lafitte Basin, Lafitte Tidal Protection Project, Jefferson Parish Beaver Creek Watershed Survey, Tangipahoa Parish Phoenix to Bohemia Levee Culvert Repair, Plaquemines Parish Bayou Conway/Panama Canal Channel Improvements, Ascension Parish Hurricane Storm Damage Risk Reduction Levee Lifts Prior to Armoring, Plaquemines Parish Outfall Canal Surveys, New Orleans, LA MRL Encroachment Surveys, Jefferson Parish Lake Borgne Surge Barrier Levee Floodwall Survey, Orleans Parish</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Paul Schiele
CADD Draftsman

Project Assignment:

Provide computer-aided design and drafting.

Name of Firm with which associated:

Bryant Hammett & Associates, LLC

Years' experience with this Firm:

13 years

Education: Degree(s)/Year/Specialization:

B.Arch/2008/Architecture

Active registration: Year first registered/discipline:

NA

Other experience and qualifications relevant to the proposed Project:

Paul Shiele provides CADD services for all survey projects, including: drainage projects; state highway, road, and bridge projects; levee surveys; hydrographic and topographic surveys; magnetometer/pipeline surveys; rights-of-way maps; accident investigation layouts; crime scene layouts; and survey plats.

Schiele is trained in use of AutoCAD and Carlson computer drafting software. Mr. Schiele has served as a civil draftsman and CADD technician at BHA since graduating college in 2008. He prepares topographic drawings and maps used in major construction projects such as highways, buildings, bridges, pipelines, flood control structures, roadways, and water and sewerage systems.

He provides right-of-way plats, topographic drawings (including horizontal and vertical control) and design services. Has been involved in the computer drafting of several subdivisions, levee analysis, sanitary sewer systems, and street and drainage projects.

Recent Projects:

- BUDMAT Barataria Waterway Survey
- Encroachment Surveys along MRL
- OLD IHNC Surge Barrier Visitor and Learning Center
- Bayou Conway/Panama Canal Channel Improvements
- Jesuit Bend Flood Protection Improvements
- PPHTD: MROV BUDMAT TP-10
- Mississippi Long Distance Sediment Pipeline Phase 2 Survey (Barataria)
- Hurricane and Storm Damage Risk Reduction Systems, NOV-NFL-05: La Reussite to Myrtle Grove South
- Louisiana Submerged Road Program-FEMA Eligible Repairs
- Hurricane Storm Damage Risk Reduction Levee Lifts Prior to Armoring
- Lafitte Tidal Protection Levee, Goose Bayou/The Penn Levee Basin
- Primrose Canal Cleaning and Improvements
- Crown Point Drainage Improvements

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Bryant O. Hammett, Jr, PE/PLS Owner/Manager
Project Assignment:
Hammett will serve as the principal and professional in charge of the project and will be the main point of contact
Name of Firm with which associated:
Bryant Hammett & Associates, LLC
Years' experience with this Firm:
37 years
Education: Degree(s)/Year/Specialization:
BSCE/1978/Civil Engineering
Active registration: Year first registered/discipline:
1983/Civil Engineer/LA 1985/Professional Land Surveyor/LA 1996/ Environmental Engineer/LA 1985/Civil Engineer/MS
Other experience and qualifications relevant to the proposed Project:
<p>Bryant Hammett, Jr., PE/PLS, has been the sole proprietor of Bryant Hammett & Associates, L.L.C., since 1984. He leads a team of highly qualified, experienced, and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support. Hammett has over 40 years of experience in the land surveying and engineering fields.</p> <p>Hammett has been the surveyor and engineer of record for numerous types of projects including: wastewater collection and treatment; water treatment, transmission and distribution; natural gas distribution and transmission; electrical transmission; oil transmission; off-system bridges; levee systems; construction servitudes and roadway and drainage.</p> <p>As infrastructure manager for the Louisiana Office of Community Development's Disaster Recovery Unit, Hammett performed and oversaw professional civil, structural and/or transportation engineering work related to the planning, design, development, construction and maintenance of projects funded under the Louisiana Community Development Block Grant/Disaster Recovery Programs. Such projects included capital improvements, storm water and drainage systems, wastewater systems, potable water systems, natural gas systems, fire protection systems, roads, bridges and utility systems. He managed complex engineering programs; provided professional assistance and technical advice to state and local officials; coordinated project development and implementation with contractors, other departments and other agencies; administered professional services contracts; evaluated requests for changes and/or additional work; directed the work of subordinate professional staff; and performed related work as required. Hammett oversaw the development of programs to rebuild schools damaged by Hurricane Katrina ineligible for FEMA assistance. He oversaw disbursements of more than \$178 million for infrastructure projects in the state related to Hurricanes Katrina and Rita.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Barataria Waterway Beneficial Use of Dredged Material (BUDMAT)</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Ecosystem and Coastal Management Department</p> <p>Michelle Gonzales Mgonzales@jeffparish.com</p>	<p>BHA performed a topographic and bathymetric survey of 181 acres of marshland of the Barataria Waterway in support of a BUDMAT project to aid in the analysis and evaluation of selected project alternatives.</p> <p>Elevations in the four-marsh creation and nourishment areas were be taken on a 200-foot grid. Elevation information was referenced to North American Datum of 1983 (NAD83) and North American Vertical Datum of 1988 (NAVD88) with northings and easting coordinates shown as State Plane Coordinates. Pipeline information from USACE data was included in the mapping exercise.</p> <p>For approximately 14 miles of water way, BHA collected water depth information to aid in the determination of the best route for barge access to the proposed dredging areas. In any water segment where +8' of water exists, water depths were collected at approximate 2000' intervals; in other water depths, data was collected at approximate 500' intervals, depending on depth and professional judgement. As field evidence was collected, BHA made adaptations as necessary to provide information requested. BHA used a SonarMite Singlebeam Echosounder for this portion.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (A)	Unknown	\$46,000

TEC Professional Services Questionnaire

PROJECT NO. 2

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bayou Eau Noire Vegetative Ridge Restoration and Marsh Creation</p> <p>Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Kirk Lepine klepine@ppgov.net</p>	<p>BHA performed a topographic, bathymetric, and magnetometer survey in the marsh area between Port Sulphur and Empire in southern Plaquemines Parish, which encompasses approximately 26,400 linear feet of ridge restoration and 505 acres of marsh creation.</p> <p>Cross sections were surveyed across the alignment of the proposed ridge Reaches A and B. Sections were taken at 200-foot intervals. The width is approximately 150 feet on the Mississippi River side and of sufficient width to cover the proposed pipeline access corridor on the other.</p> <p>Elevations in the 4 marsh creation and nourishment areas were taken on a 100-foot grid, bottom elevations were taken in open-water areas, approximately 2,200 locations for which data was collected.</p> <p>The shoreline surrounding the entire marsh creation and nourishment areas was located, providing X, Y, and Z coordinates.</p> <p>To obtain approximate locations of pipelines and metallic structures and that may hinder construction, the magnetometer survey covered the entire length along the alignment of both proposed ridges as well as the marsh creation and nourishment areas</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (A)	unknown	\$145,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Lower Lafitte Basin, Lafitte Tidal Protection Project, Goose Bayou/Penn Levee</p> <p>Jefferson Parish, LA</p> <p>Lafitte Area Independent Levee District Timothy Kerner jeanlafittetownhall@yahoo.com</p>	<p>BHA provided the necessary surveying for the design of the proposed Tidal Protection Levee and Floodwall that encompasses approximately 300 acres of land in Jefferson Parish. The project includes installation of approximately 31,500 cubic yards of levee fill to elevation 8.5 MSL along several sections of the existing earthen levee along the northern, eastern, and southern perimeter.</p> <p>BHA provided topographic and hydrographic surveying, including acquiring adequate bathymetry to define the bottoms of the borrow canals on both the protected side and flood side of the existing earthen levee and take readings across the bottom of the main channel sections, as well as top of bank locations. All linear features of the levee system (bottom of canal, top of bank, toe of levee, top of levee, etc.) were acquired as continuous break lines and existing ground spot elevations adequate to create a reasonable continuous ground surface model.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (A)	unknown	\$165,000
PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Mississippi Long Distance Sediment Pipeline Phase 2 (Barataria)</p> <p>Jefferson Parish, LA</p> <p>Jefferson Parish Ecosystem and Coastal Management Department Michelle Gonzales Mgonzales@jeffparish.com</p>	<p>BHA provided surveying services for the LDSP project in Jefferson Parish, which aims to construct an efficient sediment delivery pipeline system from a renewable resource in the Mississippi River to strategic locations in Barataria Basin by facilitating large-scale marsh creation and providing immediate restoration to natural landscape features.</p> <p>BHA provided cross section surveys, hydrographic surveys, and topographic surveys for approximately 12.5 miles of marsh land and shore line. Topographic features included structures that may impact the location of the pipeline such as fishing camps, bulkheads, piers, spoil banks, ridge lines, large trees, etc. Any pipeline markers encountered in the survey area will be collected in the field.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	unknown	\$116,000

TEC Professional Services Questionnaire

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Outfall Canal Survey</p> <p>Orleans Parish, LA</p> <p>Flood Protection Authority-East Wilma Heaton wheaton@floodauthority.org</p>	<p>Orleans Levee District desired to compare 2013/2015 and 2017 survey data along 17th Street Canal, Orleans Avenue Canal, and London Avenue Canal obtained by USACE to current conditions to ensure that segments did not fall below the necessary elevation to provide the authorized level of protection.</p> <p>BHA provided topographic and hydrographic surveying services along the Outfall Canals in New Orleans for the comparison to 2013/2015 and 2017 surveying data obtained by USACE. For approximately 33,600 feet along 17th Street Canal, Orleans Avenue Canal, and London Avenue Canal, BHA collected cross section data extending from the protected side toe to protected side toe, including channel, canal banks and top of levee/floodwall.</p> <p>These cross sections are collected in the same location as surveys completed in 2013/2015 and 2017 and then overlaid on the previous data for comparison purposes. Field data was collected to create a digital terrain model.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (A)	unknown	\$120,000

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>MROV BUDMAT TP-10</p> <p>Plaquemines Parish, LA</p> <p>Plaquemines Port Harbor & Terminal District</p> <p>David St. Marie dstmarie@coastalengnsolutions.net</p>	<p>Bryant Hammett & Associates, LLC (BHA) provided a topographic and bathymetric survey in the marsh area of the Mississippi River Outlet in Venice, Louisiana in support of the Beneficial Use of Dredged Material Program (BUDMAT) to aid in the analysis and evaluation of selected project alternatives. The four survey areas included 226 acres of marshland, detailed as TP-10, along with three route surveys to help determine the best route for the dredge pipe access.</p> <p>Elevations in the TP-10 marsh creation and nourishment were taken on a 200-foot grid. Adequate elevation top bank shots were collected to identify the elevation of the adjacent marsh land. Elevations were also taken at 50-ft intervals across the marshland between Tante Phine Pass and the open bay to the east of TP-10.</p> <p>Bathymetric survey: BHA collected sufficient water depth information to aid in the determination of the best route for dredge pipe access along the Southernmost route. Elevations were collected at 50-foot intervals and at any abrupt changes in elevation along the route.</p> <p>Any pipeline markers showing a potential pipeline crossing the survey route were identified with a Northing and Easting coordinate and noted on the drawing. BHA used a SonarMite Singlebeam Echosounder compatible with GPS mounted to a flat-bottom boat for portions of the survey. When water depths were not conducive to use the Sonarmite, BHA collected rod soundings along the route to obtain elevations.</p> <p>Magnetometer Survey: To obtain locations of pipelines and metallic structures, a magnetometer survey was conducted within the TP-10 site. The magnetometer survey covered the entire TP-10 area from Tante Phine Pass to the Open Bay to the East and identified all existing pipelines and wells within the site. A G882 magnetometer was used to locate these approximate locations. Once located, BHA probed the pipeline to obtain elevations on the top of the pipe. BHA contacted various pipeline owners to investigate information relative to pipeline material and sizes.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (A)	Unknown	\$85,000

TEC Professional Services Questionnaire

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Encroachment Surveys along Mississippi River Levee</p> <p>Jefferson Parish, LA</p> <p>Southeast Louisiana Flood Protection Authority-East</p> <p>Wilma Heaton wheaton@floodauthority.org</p>	<p>BHA performed the necessary surveying work to confirm encroachments on the Mississippi River Levee System in Jefferson Parish (East Bank) and to determine property ownership and property lines for specific features. BHA performed complete boundary surveys, including:</p> <ul style="list-style-type: none"> Courthouse research; Recovering or establishing existing USACE MRL baseline; Calculating existing rights-of-way; Performing boundary surveys; Locating levee toe to established property lines Locating topography within right-of-way; Calculating boundary lines. <p>BHA prepared individual plats for each property detailing property boundaries, encroachment items and their relationship to the subject property and existing MRL baseline.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (A)	Unknown	\$50,400

TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Hurricane and Storm Damage Risk Reduction Systems, NOV-NFL-05: La Reussite to Myrtle Grove Drainage Canal Relocation Project</p> <p>Plaquemines Parish, LA</p> <p>Plaquemines Parish Government Ken Dugas kdugas@ppgov.net</p>	<p>BHA provided surveying and mapping services to support the interior drainage canal relocation project in the drainage basin of NOV-NFL-05 (a New Orleans to Venice-Non Federal Levee) in Plaquemines Parish from La Reussite to Myrtle Grove over a 3 month time frame.</p> <p>BHA provided general alignment, topographic and hydrographic surveys to support an overall \$1.5 billion project comprising of 58 miles of major levee enhancement.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015 (A)	Unknown	\$136,000

TEC Professional Services Questionnaire

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Surveying/Mapping Goose Bayou Hydrographic Survey for Vehicle Recovery</p> <p>Jefferson Parish, LA</p> <p>John Sullivan DRC Emergency Services jsullivan@drcusa.com</p>	<p>BHA performed a hydrographic survey within Goose Bayou to locate sunken vehicles and debris after Hurricane Ida. BHA utilized High Resolution Side Scan Sonar technology. A Trittech Starfish 990F unit was used to perform the survey of the seafloor within the Goose Bayou limits to help identify foreign objects and any potential impacts to marine navigation.</p> <p>BHA utilized HYPACK software to process the data from the Side Scan Sonar. Any anomalies found on the bottom were identified with imagery from the sonar. The locations of all anomalies were staked in the field with a buoy marking each location.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 (A)	unknown	\$15,300

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lake Borgne Surge Barrier Levee Floodwall Survey</p> <p>Orleans Parish, LA</p> <p>Orleans Levee District and Lake Borgne Basin Levee District Chris Humphreys</p>	<p>Over the past several years, Orleans Levee District conducted RTK surveys on most of the earthen levees. OLD now required a of survey the hard structures (floodwalls, surge barriers, gates, etc). SLFPA-E identified 50 settlement markers requiring surveys, as well as three monoliths.</p> <p>BHA collected data on the 50 settlement markers identified by the Flood Protection Authority and 3 monoliths identified as SL1, SL2, and SL3. Northings, Eastings, and Elevations were collected at each marker and monolith to help determine if any settlement had occurred since construction.</p> <p>BHA reported two sets of elevations for each settlement marker and monolith. One elevation was based on the most up to date OPUS elevation, and the second elevation will be based on the 2004.65 elevation published from the Waste Well 2 control at the time of construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (A)	Unknown	\$15,000

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary. NOT APPLICABLE

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. NA		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Bryant Hammett & Associates, LLC (BHA) is a Louisiana-based Limited Liability Corporation multi-disciplinary consulting land surveying, civil engineering, and disaster response firm which provides professional services for various governmental and private concerns. BHA was first organized in Concordia Parish in August 1984, starting as a small 4-member firm providing civil engineering and land surveying services to surrounding municipalities. Since then, the firm has grown to operate offices in Plaquemines, Jefferson, East Baton Rouge, and Concordia parishes. Work to perform the required services outlined in the scope of work will be headquartered out of the Harahan, LA office location.

BHA maintains a staff of highly qualified, experienced and licensed engineers, surveyors, technicians, cost estimators, GIS managers, certified floodplain managers, administrators, disaster recovery subject matter experts, inspectors, CADD operators and clerical support. Our central locations allow us to work easily throughout Louisiana and in neighboring states.

BHA is a **HUBZone** business certified by the U.S. Small Business Administration and is certified under the Small Entrepreneurship Program as a **Hudson Initiative Certified Firm** by the Louisiana Department of Economic Development.

SURVEYING

BHA has been providing land surveying services in Louisiana for 35 years. BHA surveyors are registered in Louisiana and each have over 40 years of professional experience in the field. BHA offers a wide range of surveying services:

- boundary and control surveys •ALTA surveys• hydrographic surveys •topographic surveys •right-of-way determination •control for photogrammetric surveys and aerial photography •establishing benchmarks •accident site surveys •wetlands delineation •construction surveys/construction layout •utility layout •pipeline surveys •elevation certificates •subdivision design and layout

DRAFTING: Our CADD technicians have over 30 years of combined experience in producing 3D planimetric drawings, topographic and contour maps, right-of-way maps, boundary plats, cross section diagrams and field data points; BHA utilizes AutoCAD, Intellicad, and Microstation, drafting software to meet the deliverable format required by any client.

GPS TECHNOLOGY: BHA's association and membership with the LSU's Center for GeoInformatics (C4G) GULFNet system allows us to provide our services efficiently, accurately and in a relatively short time span. LSU's GULFNet is a Real-Time Network (RTN) that presently consists of over 70 Continuously Operating Reference Stations (CORS), 26 of which are National CORS providing the data that ties Louisiana into the National Spatial Reference System (NSRS) defined and managed by the National Geodetic Survey (NGS). The NSRS is a consistent national coordinate system that specifies latitude, longitude, height, scale, gravity, and orientation throughout the Nation, as well as how these values change with time. The network extends from east Texas across to Alabama and up into northern Louisiana. BHA also utilizes TopNET+ by TopCon, which is a

TEC Professional Services Questionnaire

duel-constellation network solution providing GPS+GLONASS satellite tracking. BHA uses the newest data collectors and most up-to-date software which includes on-board surveying calculations, engineering calculation abilities, and will work with a total system, robotic total station, or a GPS-systems.

SONAR SURVEYING: BHA utilizes a Single Beam Echo Sounder (SBES) when applicable for hydrographic surveying, which collects accurate water depth and bottom contour information in shallow waters such as lakes, small rivers, channels, canals, harbors, and ditches. The SBES produces an echogram of the water's floor at a point directly below the transducer. This identifies the seabed features and determines whether the echo sounder has picked up the actual water bed or another feature such as debris. The SBES that BHA uses is comprised of a dual frequency transducer. The two frequencies are made up of a high frequency and low (typically 200kHz & 30kHz). The high frequency will generate a first return on the signal and depict the seabed, sea grass, rock etc. The low frequency has some penetrating properties, for example in areas of silt, it can penetrate the material to the harder layers below. Multi-Beam Sonar is be used for collecting numerous soundings across a wide swath of seabed, more appropriately used for major rivers or in the Gulf of Mexico. BHA also utilizes multi-beam side scan sonar equipment as the project requires.

MAGNETOMETER SURVEYING: BHA is adept in the use of magnetometers for the detection and mapping of all sizes of ferrous objects including pipelines, debris, and any other magnetic objects. Magnetometer data is acquired through passively measuring the local variations in the earth's magnetic field. BHA utilizes the G-882 Marine Magnetometer, which is particularly well suited for the detection and mapping of all sizes of ferrous objects. This includes anchors, chains, cables, pipelines, ballast stone and other scattered debris, munitions of all sizes (UXO), aircraft, engines and any other object with magnetic expression. The G-882 magnetometer's digital output can be recorded with any serial data logger to log, display, and print GPS positioned measurement results.

In addition to surveying, BHA offers the following professional services:

Civil Engineering
Construction Management and Resident Inspection
Cost Estimating and Closeout Services
Construction Supervision for HMGP
Disaster Management & Recovery
CBGC Expertise

LOCATIONS

1104 Dealers Ave., Suite A • Harahan, LA • 70123
830 North Street, Suite B • Baton Rouge, LA • 70802
6885 Highway 84 West • Ferriday, LA • 71334
8637 Hwy 23; Suite C • Belle Chasse, LA • 70037

www.bha-engineers.com

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  _____ Print Name: Bryant O. Hammett, Jr.

Title: owner/manager Date: 7/09/2024

TEC Professional Services Questionnaire

<p>A. Project Name and Advertisement Resolution Number: SOQ No. 24-020 Provide Coastal Engineering Consulting Services Resolution 144205</p>																											
<p>B. Firm Name & Address where Project work will be performed: Terracon Consultants, Inc. 524 Elmwood Park Blvd, Suite 170 New Orleans (Jefferson Parish), Louisiana 70123</p>																											
<p>C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana: Zack "Lem" Dial, P.E. Principal Office Manager 524 Elmwood Park Blvd, Suite 170 New Orleans (Jefferson Parish), Louisiana 70123 P: 504-818-3638 E: lem.dial@terracon.com</p>																											
<p>D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline. Zack "Lem" Dial, P.E. Principal Office Manager 524 Elmwood Park Blvd, Suite 170 New Orleans (Jefferson Parish), Louisiana 70123 P: 504-818-3638 E: lem.dial@terracon.com</p>																											
<p>E. Please provide the number of employees whose primary function corresponds with each category:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">_5_ Administrative</td> <td style="width: 33%;">___ Estimators</td> <td style="width: 33%;">___ Specification Writers</td> </tr> <tr> <td>___ Architects (Licensed)</td> <td>___ Geologists</td> <td>___ Structural Engineers</td> </tr> <tr> <td>___ Chemical Engineers</td> <td><u>4</u> Geotechnical Engineers</td> <td>___ Graduate Engineers</td> </tr> <tr> <td>___ Civil Engineers</td> <td>___ Interior Designers</td> <td><u>1</u> Project Managers</td> </tr> <tr> <td><u>13</u> Construction Inspectors</td> <td>___ Landscape Architects</td> <td><u>4</u> Field/Testing Lab Techs</td> </tr> <tr> <td>___ Ecologists</td> <td>___ Land Surveyor</td> <td>___ Grant/Funding Specialist</td> </tr> <tr> <td>___ Electrical Engineers</td> <td>___ Mechanical Engineers</td> <td><u>1</u> Industrial Hygiene/Safety</td> </tr> <tr> <td><u>1</u> Engineer Intern</td> <td><u>3</u> Environmental Engineers</td> <td><u>4</u> Environmental Scientists</td> </tr> <tr> <td>___ Professional Land Surveyors</td> <td></td> <td><u>36</u> TOTAL</td> </tr> </table>	_5_ Administrative	___ Estimators	___ Specification Writers	___ Architects (Licensed)	___ Geologists	___ Structural Engineers	___ Chemical Engineers	<u>4</u> Geotechnical Engineers	___ Graduate Engineers	___ Civil Engineers	___ Interior Designers	<u>1</u> Project Managers	<u>13</u> Construction Inspectors	___ Landscape Architects	<u>4</u> Field/Testing Lab Techs	___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist	___ Electrical Engineers	___ Mechanical Engineers	<u>1</u> Industrial Hygiene/Safety	<u>1</u> Engineer Intern	<u>3</u> Environmental Engineers	<u>4</u> Environmental Scientists	___ Professional Land Surveyors		<u>36</u> TOTAL
5 Administrative	___ Estimators	___ Specification Writers																									
___ Architects (Licensed)	___ Geologists	___ Structural Engineers																									
___ Chemical Engineers	<u>4</u> Geotechnical Engineers	___ Graduate Engineers																									
___ Civil Engineers	___ Interior Designers	<u>1</u> Project Managers																									
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<u>1</u> Engineer Intern	<u>3</u> Environmental Engineers	<u>4</u> Environmental Scientists																									
___ Professional Land Surveyors		<u>36</u> TOTAL																									
<p>F. Is this submittal by a JOINT-VENTURE? Please check: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If marked "No" skip to Section I. If marked "yes" complete Sections G-H.</p>																											

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1. N/A

2. N/A

H. Has this JOINT-VENTURE previously worked together? Please check:

YES NO

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

6

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Steve Greaber, PE
Principal | Senior Project Manager

Project Assignment:

Senior Technical Oversight

Name of Firm with which associated:

Terracon Consultants, Inc.

Years' experience with this Firm:

30

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1989 / Civil Engineering

Active registration: Year first registered/discipline:

1995 / Professional Engineer: Louisiana (0026107)

Other experience and qualifications relevant to the proposed Project:

Mr. Greaber will serve as a Sr. Geotechnical Engineer for this contract. He will perform geotechnical analysis and oversee technical review and presentation of recommendations. Steve has over 30 years of experience working on a wide range of geotechnical projects. He has worked extensively on commercial, industrial, and institutional projects. He is well versed in all aspects of geotechnical engineering and the materials quality aspects of construction including earthwork, concrete, masonry, asphalt, and structural steel. Steve has extensive experience in site modification and improvement techniques including but not limited to dynamic compaction, geotextile reinforced slopes, wick drains for improvement of consolidation, and stone columns. Other areas of expertise include: geotechnical seismic evaluations and liquefaction mitigation. He also has extensive environmental engineering experience with projects involving soils and ground water contamination and the construction of solid waste facilities.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Lynne Roussel, PE Principal and Geotechnical Department Manager
Project Assignment: Project Management
Name of Firm with which associated: Terracon Consultants, Inc.
Years' experience with this Firm: 16.5 years
Education: Degree(s)/Year/Specialization: Master of Science / 2005 / Geotechnical Bachelor of Science / 2003 / Civil Engineering
Active registration: Year first registered/discipline: 2009 / Professional Engineer: LA (35152)
Other experience and qualifications relevant to the proposed Project: For this contract, Ms. Roussel will serve as Geotechnical Department Manager. Ms. Roussel will manage geotechnical engineering analysis and report writing. She will oversee geotechnical engineering analysis utilizing various geotechnical software. She has been exposed to a wide variety of field and office engineering projects during her time with Terracon. Ms. Roussel has served as project manager for coastal marsh projects where she has performed slope stability analysis for dredging through wetlands and for various berms configurations in marsh. She has also provided geotechnical engineering for a couple of Bayou Lafourche projects requiring slope stability analysis. She has managed large projects and assisted in monitoring of pile installation activities, settlement plate installation and monitoring, deep foundation load tests, and piezometer installation. She has also supervised subsurface explorations in support of Terracon's geotechnical projects. Lynne has performed slope stability analyses, settlement analyses, DRIVEN® Pile analyses, L-Pile analyses, and report preparation for a wide variety of projects. Lynne has experience with the following software: PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and WINPAS.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Sarah Berman, PE Senior Staff Engineer
Project Assignment:
Geotechnical Engineering and Analysis
Name of Firm with which associated:
Terracon Consultants, Inc.
Years' experience with this Firm:
6 years
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2013 / Civil Engineering
Active registration: Year first registered/discipline:
2019 / Professional Engineer: LA (43630)
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Berman has over six years of geotechnical engineering experience. Her experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation and project management. She has been exposed to a wide range of geotechnical projects including coastal restoration projects. Ms. Berman has experience in various aspects of geotechnical engineering, including, but not limited to, deep and shallow foundations, rigid and flexible pavement design, site preparation construction considerations and subgrade improvement techniques. Her software experience most notably includes: APILE, LPILE, SHAFT, Settle3D, and AutoCAD.</p> <p>Ms. Berman worked on several CPRA marsh restoration/creation projects as an Assistant Project Engineer. She was assigned several tasks on these projects, some of which included analyzing consolidation testing results, compiling and reviewing soil boring logs, and assisting with running some of the soil laboratory tests including Atterberg Limits, Unconsolidated Undrained Triaxial Compression Tests, and Unconfined Compression Tests. Projects included: Cole's Bayou Marsh Restoration (TV-63) Vermillion Parish, LA; CPRA Oyster Bayou Marsh Creation (CS-59) Cameron Parish, LA; and Madison Bay Marsh Creation and Terracing (TE-51) Terrebonne Parish, LA.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lizzy Stark, PE Senior Staff Engineer
Project Assignment:
Project Manager/Senior Staff Engineer
Name of Firm with which associated:
Terracon Consultants, Inc.
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2015 / Civil and Environmental Engineering
Active registration: Year first registered/discipline:
2020 / Professional Engineer: LA (44481)
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Stark is a Senior Staff Engineer in Terracon's New Orleans, Louisiana Office. In this role, she has prepared reports with geotechnical recommendations, assigned laboratory testing, performed engineering calculations, and utilized various design software (APile, gINT, etc.). She also manages geotechnical and materials testing projects and monitors various aspects of construction quality control (QC) and quality assurance (QA). These projects have included retail developments, levee improvements and airport expansions.</p> <p>She has also acquired construction monitoring experience which includes; soil testing, pile foundation installation logging, pile foundation load testing, pile integrity testing, foundation excavation inspection, field density testing, concrete testing, pervious pavement infiltration testing, pavement evaluation using PCI/PASER scoring, DCP and SCP testing of subgrade material, and seismic monitoring.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Angelica Moran, EI Staff Engineer
Project Assignment: Staff Engineer
Name of Firm with which associated: Terracon Consultants, Inc.
Years' experience with this Firm: 1 years (5 total)
Education: Degree(s)/Year/Specialization: Bachelor of Science / 2015 / Civil Engineering
Active registration: Year first registered/discipline: Engineering Intern - LA (33229)
Other experience and qualifications relevant to the proposed Project: <p>Ms. Moran assists geotechnical engineers with performing subsurface explorations which includes performing in-place density tests, has set up and run static pile load tests, logged piling, and monitored vibrations. She has worked on various types of geotechnical projects, which have varied from residential to heavy industrial. She also prepared geotechnical reports containing recommendations for soil bearing capacity, settlement, pile capacities, rigid and flexible pavement design, material requirements, and site preparation.</p> <p>In the laboratory, she also performs aggregate and soil testing such as grain size analysis, soil classification, specific gravity, unconfined compression tests, compaction tests, Atterberg limits, hydrometer analyses, triaxial compression tests, etc. She has planned testing methodology and performed tests to determine engineering criteria to be used in analyses in determining settlement, shallow foundations and deep foundations.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Eric B. Bellard Laboratory Supervisor
Project Assignment: Laboratory Supervisor
Name of Firm with which associated: Terracon Consultants, Inc.
Years' experience with this Firm: 11 years
Education: Degree(s)/Year/Specialization: N/A
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: <p>Eric has over 11 years of experience in the construction materials field as an American Concrete Institute (ACI) certified Construction Materials Technician. In this role, he monitors various aspects of construction quality control (QC) and quality assurance (QA). These projects have included retail developments, hospital and medical office building developments, levee improvements and school additions.</p> <p>The construction monitoring experience Eric has acquired includes; earthwork observations, soil moisture content and density testing, driven pile foundation installation logging, auger-cast pile installation monitoring, grout field testing, concrete compressive strength field testing, concrete observations, sample testing and seismic monitoring.</p> <p>Mr. Bellard has over seven years of soil laboratory experience. He currently serves as Lab Supervisor where he performs testing which includes proctors, Atterberg limits, specific gravities, soil and aggregate gradations, organic contents, and moisture contents. He also performs compressive strength testing on all concrete cylinders, grout prisms, and mortar cubes.</p>

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bucktown Outdoor Classroom Bucktown Marina Jefferson Parish, LA Jefferson Parish 1221 Elmwood Park Blvd., Suite 310 Jefferson, LA 70123 Michelle Gonzales (504) 736-6653 mgonzales@jeffparish.net	Terracon conducted field exploration and laboratory testing and provided engineering/project delivery for the proposed outdoor classroom with a footprint of about 28,000 square feet. The class room included elevated platforms, access ramps, and embankment located at an undeveloped recreational area at a man-made marina. <u>Staff included:</u> <i>Lynne Roussel, PE; Lizzy Stark, PE; Anjelica Moran, EI; Eric Bellard</i>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
8/30/2021	N/A	\$9,950

PROJECT NO. 2

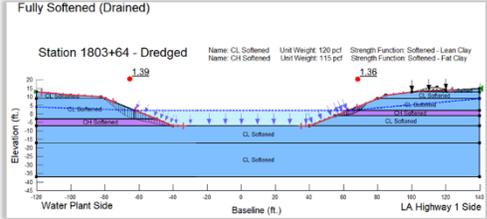
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bucktown Marina Boardwalk Jefferson Parish, LA Jefferson Parish 834 S. Clearview Parkway Harahan, LA 70121 Lauren Avrill, P.E. (504) 731-4625 LAverill@jeffparish.net	Terracon provided geotechnical services for a new 900-foot linear alignment of a pedestrian boardwalk at the Bucktown Marina. The boardwalk is located at the edge of the marina over open water. Terracon performed geotechnical soil borings utilizing a marsh-buggy mounted drill rig. We also performed laboratory testing and provided geotechnical recommendations for driven timber piles including uplift and lateral capacity. Terracon also provided deep foundation installation observation services during construction.  <u>Staff included:</u> <i>Steve Greaber, PE, Lizzy Stark, PE; Eric Bellard</i>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$17,800

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Dixie Comite Diversion HDD Crossing Zachary, LA</p> <p>Project Consulting Services, Inc 2120 Powers Ferry Road SE, Suite 210 Atlanta, GA 30339</p> <p>Caleb Bennett, P.E. (713) 407-8407 cbennett@projectconsulting.com</p>	<p>Terracon provided geotechnical services for the proposed Dixie Comite Diversion HDD Crossing. The purpose of these services was to provide information and geotechnical engineering recommendations relative to: subsurface soil conditions, groundwater conditions, stie preparation and earthwork, seismic site classification and excavation considerations. The project includes one approximately 1500' long HDD crossing and one approximately 1750' long HDD crossing.</p> <p><i>Staff included:</i> <i>Lynne Roussel, PE; Sarah Berman, PE</i></p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$22,900
PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>CIAP Coastal Restoration Livingston Parish, LA</p> <p>Excel Engineering, Inc. 31227 E. Highway 30 Gonzales, LA 70737</p> <p>Gordon Geoffroy (225) 647-1209 Ggeoffroy@excelusa.com</p>	<p>As part of the Coastal Impact Assistance Program (CIAP), Terracon conducted a geotechnical investigation for two proposed conveyance channels approximately 3,000 linear feet to be dredged to facilitate the flow of water into and out of the adjacent wetlands. The site is located northwest of the Blind River outlet into Lake Maurepas. The geotechnical scope of work includes four 30-foot-deep soil borings, two 50 foot deep soil borings, and two 70 foot deep soil borings and some in-situ testing by either a cone penetrometer test or vane shear test. The dredge material from the bank opening and the conveyance channels would be sidecast on both sides of the proposed channel. Recommendations for suitability of the drudged material and placement of spoil piles were provided.</p> <p><i>Staff included:</i> <i>Steve Greaber, PE, Lynne Roussel, PE</i></p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	N/A	\$102,900

TEC Professional Services Questionnaire

PROJECT NO. 6

PROJECT NO. 6							
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:						
<p>Bayou Lafourche Weir Thibodaux, LA</p> <p>Duplantis Design Group 314 East Bayou Rd. Thibodaux, Louisiana 70301</p> <p>Jennifer Shortess (985) 447-0090 jshortess@ddgpc.com</p>	<p>This project consisted of the removal of a weir and concrete revetment structure for the City of Thibodaux Water Plant. Also included regrading of the side slopes and deepening of the Bayou Lafourche channel over a 250-foot section. Terracon provided the geotechnical field exploration, laboratory testing and slope stability analysis.</p> <div style="text-align: right; margin-bottom: 10px;">  </div> <p>Design concerns consisted of slope stability for the bayou considering construction equipment working and dredge stockpile along the edge of the bank. The analysis indicated the critical failure surface and whether it exhibited a Factor of Safety exceeding the typically recommended minimum for the slope profile and construction conditions/limitations specified. The report recommended a minimum setback from the top of the bank, and maximum footprint and height of the dredge stockpile while still maintaining the recommended Factor of Safety.</p> <p>Stability was checked at the controlling slope located downstream of the weir with the estimated future low water level in a worst-case scenario and a sloping ground water condition. The soil profile and design properties were determined after reviewing the results of the laboratory testing which included compressive strength testing, Atterberg limits, and hydrometer analysis. The slope stability was analyzed with Geoslope Slope/W software utilizing the Morgenstern-Price methodology for an end of construction undrained condition with a temporary material stockpile along the bank, and a long term, drained fully softened condition with the final dredged profile. The drained condition was modeled using shear normal functions for the soil in a full softened state. The design also included placing a Class D geotextile fabric and recycled rip-rap for erosion control measures.</p> <p><i>Staff included:</i> Steve Greaber, PE, Lynne Roussel, PE</p>						
Completion Date (Actual or estimated):	Estimated Cost:						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="padding: 5px;">2020</td> <td style="padding: 5px;">N/A</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">\$8,000</td> </tr> </table>	Entire Project:	Work for which Firm was Responsible:	2020	N/A		\$8,000
Entire Project:	Work for which Firm was Responsible:						
2020	N/A						
	\$8,000						

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bayou Lafourche Phase II Belle Rose, LA</p> <p>Bayou Lafourche Fresh Water District 1016 St. Mary Street Thibodaux, LA 70301</p> <p>Ben Malbrough, PE (985) 447-7155 ben.malbrough@blfd.org</p>	<p>Terracon Consultants, Inc. worked as a subconsultant to T. Baker Smith to provide geotechnical engineering services for proposed drainage improvements for the reintroduction of the Mississippi River into Bayou Lafourche.</p> <p>Twenty-four locations were drilled along the banks of Bayou Lafourche. Cone Penetrometer Test (CPT) and borings were drilled at selected locations to depths up to 60 feet. Eighteen soil borings were also performed in the bayou to a depth of 20 feet below the mud line. A series of laboratory tests were completed on the selected soil samples that were considered to be representative of the types of soil encountered in the proposed area. Upon completion of the field and laboratory phases of the project, Terracon delivered a final report detailing the findings regarding the field and laboratory work. Slope stability analysis were performed along several sections of the bayou to determine if the existing soil conditions were stable before dredging took place. The same cross sections were checked to determine if the new cross section after the dredging would create slope failures along the banks of the bayou.</p> <p><i>Staff included:</i> Steve Greaber, PE, Lynne Roussel, PE</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2019	Entire Project: N/A	Work for which Firm was Responsible: \$105,000
PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Pallet Levee Basin Lafitte, LA</p> <p>The Beta Group 1428 1/2 Claire Avenue Gretna, LA 70053</p> <p>Alex Jaramillo, PE (504) 227-2273 alexj@betagroupg.com</p>	<p>Terracon Consultants, Inc. worked as a subconsultant to The Beta Group to provide CPT Soundings for the Pallet Levee Basin Project in Lafitte, LA</p> <p>Twenty CPT sounding were performed by pushing a 10-square centimeter electric cone penetrometer at an approximate rate of 20 millimeters/second using the hydraulic cylinders of the drill rig. The cone penetrometer is equipped with electronic load cells to measure tip resistance and sleeve resistance, and a pressure transducer to measure the generated ambient pore pressure.</p> <p><i>Staff included:</i> Lynne Roussel, PE; Lizzy Stark, PE; Anjelica Moran EI; Eric Bellard</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
2021	Entire Project: N/A	Work for which Firm was Responsible: \$19,318

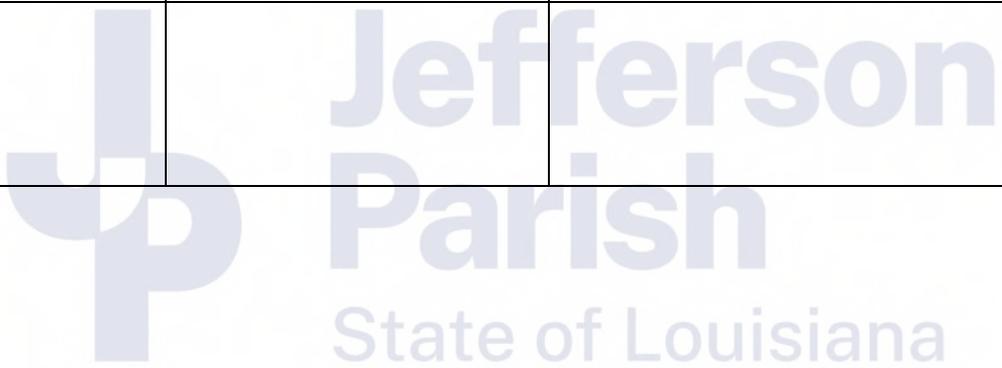
TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lower 45 Lafitte Tidal Protection Lafitte, LA</p> <p>The Beta Group 1428 ½ Claire Avenue Gretna, LA 70053</p> <p>Alex Jaramillo, PE (504) 227-2273 alexj@betagroupg.com</p>	<p>Terracon Consultants, Inc. worked as a subconsultant to The Beta Group to provide CPT Soundings for the Pallet Levee Basin Project in Lafitte, LA</p> <p>Nineteen CPT sounding were performed by pushing a 10-square centimeter electric cone penetrometer at an approximate rate of 20 millimeters/second using the hydraulic cylinders of the drill rig. The cone penetrometer is equipped with electronic load cells to measure tip resistance and sleeve resistance, and a pressure transducer to measure the generated ambient pore pressure.</p> <p><i>Staff included:</i> <i>Lynne Roussel, PE; Lizzy Stark, PE; Eric Bellard</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$20,500
PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jean Lafitte Canal Backfill Barataria Preserve Barataria, LA</p> <p>Quinn Evans Architects 2121 Ward PI NW Fourth Fl Washington, DC 20037</p> <p>John Whitaker, PE (202) 591-2525 jwhitaker@QUINNEVANS.com</p>	<p>The project calls for the development and refinement of design alternatives and construction documentation for the restoration of up to 16.5 miles of dredged canals within the Barataria unit of JELA. The purposes of these geotechnical services was to provide information relative to subsurface soil conditions and groundwater conditions. The geotechnical engineering Scope of Services for this project included the advancement of twenty-one test borings to a depth of approximately 5 feet below existing site grades.</p> <p><i>Staff included:</i> <i>Lynne Roussel, PE; Sarah Berman, PE; Lizzy Stark, PE; Eric Bellard</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$15,986

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. None		
2.		
3.		
4.		



TEC Professional Services Questionnaire

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

TERRACON CONSULTANTS, INC.

Terracon is a 100 percent employee-owned consulting engineering firm providing quality to clients. Since 1965, Terracon has evolved into a successful multidiscipline firm specializing in:

- Environmental
- Facilities
- Geotechnical
- Materials

Over its history, Terracon has achieved significant expansion through both internal growth and acquisitions. Terracon currently has more than 5,000 employees in more than 150 offices and 42 states nationwide. Terracon's Baton Rouge office will serve as the principal office to perform the services. Terracon's New Orleans and Lake Charles Offices, both of which are located in Louisiana's coastal zone, will assist when necessary.

The firm's success is further evidenced by a current ranking of 24 in *Engineering News-Record's* 2021 listing of the Top 500 Design Firms. Terracon serves a diverse portfolio of private and public clients. By being responsive, resourceful, and reliable, we strive to exceed our clients' expectations for service, solutions, quality, and speed of delivery. Based on a deep understanding of our clients' needs, Terracon's commitment is centered around these key objectives.



DRILLING RESOURCES

Terracon maintains a fleet of more than 150 exploration rigs that can be mobilized from many locations throughout the United States. We also have up to 3 drilling rigs and 1 Cone Penetration Test rig at offices located throughout Louisiana's Coastal Zone.

To meet the needs of CPRA, we are able to perform a variety of specialized field sampling and testing using our subsurface exploration fleet listed below. Our subconsultants provide additional equipment that will be used.

GEOPROBE 7822DT

- Cone Penetrometer Testing and shallow auger drilling
- Push Down Force: 40,000 lbs
- Hauled with a Ford F-450
- Pulling Stroke Time: 5-11 seconds
- Rotation Rate: 240 rpm
- Torque (Hammer Motor): 560 ft/lbs
- Fitted with Automatic Safety Hammer

2 ARDCO BUGGY RIG

- Mounted on Ardco Rubber Tire Carrier
- Traverses Lightly Wooded Areas
- Pull-Down Time: 8-10 seconds
- Mud Rotary Capabilities: 0-300 feet
- Ground Speed: 10-12 mph
- Gardner Denver 4.5x5 Mud Pump

TEC Professional Services Questionnaire

GEMCO ATV

- Mounted on Ardco Rubber Tire Carrier
- Traverses Lightly Wooded Areas
- Pull-Down Time: 8-10 seconds
- Mud Rotary Capabilities: 0-300 feet
- Ground Speed: 10-12 mph
- Gardner Denver 4.5x5 Mud Pump



LABORATORY TESTING

Terracon owns, operates, and maintains more than 130 construction materials and geotechnical laboratories across the U.S. In Louisiana we have a total of four AASHTO accredited laboratories in New Orleans, Baton Rouge, Lake Charles and Shreveport. The New Orleans and Baton Rouge offices are also USACE accredited. Our team will have available the following resources to serve CPRA's geotechnical laboratory testing needs:

- Up to 7 machines to perform Triaxial Compression Tests including GeoJac automated testing systems
- Up to 5 one-dimensional consolidation test apparatuses
- Self-weight and low-pressure consolidation testing devices
- Up to 4 Permeability Testing Apparatuses with Pressure Panel Boards
 - Nationwide labs that can performed specialized soil testing such Ko consolidation, direct shear, constraint strain testing
 - Qualified geotechnicians working at four different accredited labs throughout Louisiana's coastal zone



GeoReport is our proprietary collaboration system used to facilitate projects and allow for seamless delivery of data, opinions, and designs (and sets us apart from other geotechnical firms).

The key to success is collaboration. *GeoReport* uses a dedicated collaboration portal to facilitate communication around the facts of the geotechnical investigation and bring all stakeholders into a documented conversation online.

Our *GeoReport* system provides:

- A collaboration portal for you and the entire design team to understand project options and to agree on a design and construction approach.
- A listing of your project team members - the individuals who will make your project successful.
- Our completion schedule of various tasks associated with your project.

Our geotechnical information is delivered in three stages, with opportunities for collaboration at each stage.

- Project Planning: Project information and planned approach delivered immediately after the proposal is accepted.
- Site Characterization: The results of our field exploration and laboratory testing along with interpretation of subsurface conditions in the form of a geotechnical model for the site.
- Geotechnical Engineering: Geotechnical recommendations prepared based upon collaboration with the project team.

GeoReport offers:

- Seamless delivery of data, opinions, and designs
- True, documented collaboration
- Fierce commitment to schedule

TEC Professional Services Questionnaire

Terracon uses our Client Development Website to deliver *GeoReport* to all stakeholders. This allows a seamless transition into our construction materials engineering/testing services, as this data is also rendered via the same portal.

QUALITY ASSURANCE / QUALITY CONTROL

Quality control is a critical responsibility for all Terracon employees. Management and technical functions operate under Terracon's Quality Control/Quality Assurance (QA/QC) policy and procedures manual. The quality program assigns the immediate responsibility of quality control to the project manager with oversight from senior management. The following elements of quality control are addressed during the project:

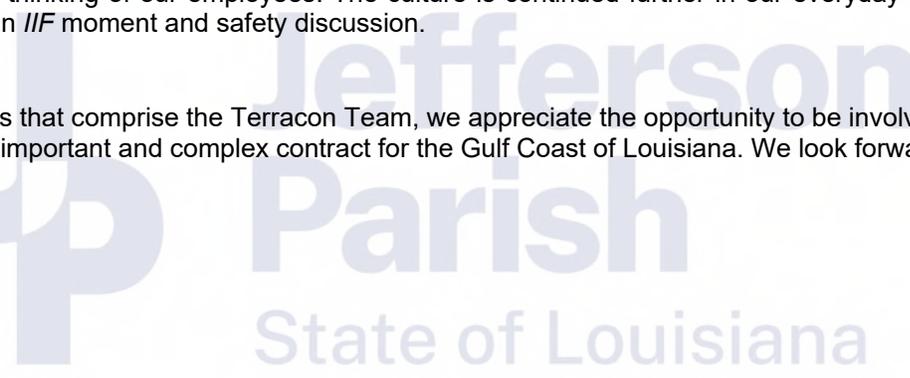
- Operational procedures
- Qualifications of personnel
- Condition and accuracy of instruments and equipment
- Standard materials
- Statistical evaluations
- Supervisory review of technical procedures and documents
- Use of control standards for evaluation of activities
- Sample identification, protection, chain-of-custody, storage and disposition
- Data recording, identification, security, checking, routing, filing and disposition

SAFETY

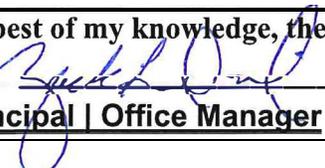
Safety is one of Terracon's core values and our commitment to an *Incident and Injury-Free™ (IIF™)*¹ philosophy is one of the pillars of our culture. Successful execution and delivery include the need to work safely and keep our employees and the public safe **every** day. Terracon is very much a safety-oriented company. We have built health and safety into all aspects of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an *IIF* moment and safety discussion.

CLOSING

On behalf of the individuals that comprise the Terracon Team, we appreciate the opportunity to be involved in the planning and selection for this very important and complex contract for the Gulf Coast of Louisiana. We look forward to your favorable selection of our team.



O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: 

Print Name: Zack "Lem" Dial, PE

Title: Principal | Office Manager

Date: 07/08/2024

Statement of Qualifications Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Statement of Qualifications

AFFIDAVIT

STATE OF LOUISIANA

PARISH/COUNTY OF JEFFERSON PARISH

BEFORE ME, the undersigned authority, personally came and appeared:

THOMAS R. L'HOSTE (Affiant)

who after being by me duly sworn, deposed and said that he/ she is the fully authorized AS
PRESIDENT of AIMS GROUP, INC. (Entity), the party who submitted a Statement of
Qualifications (SOQ) to Jefferson Parish SOQ 24-020 Professional Consulting Serv. For

Coastal Engineering Services (Briefly describe the services the SOQ will cover), to the Parish of
Jefferson. Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A X

Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B

there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B X there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

Subcontractor Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned SOQ.

Choice B X There are **NO** subcontractors which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



Signature of Affiant

Thomas R. L'Hoste, P.E.

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 10th DAY OF July, 2024.



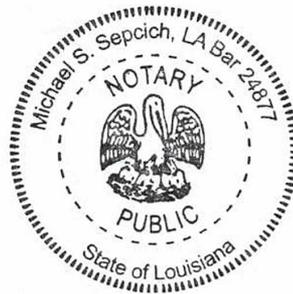
Notary Public

Michael S. Sepsich

Printed Name of Notary

24877

Notary/ Bar Roll Number



My commission expires Death.

7/11/2024

Contributions Made to Elected Officials of Jefferson Parish by AIMS Group, Inc. (11/2021 - present)

Scott Walker Campaign Fund At Large Member		
Cynthia Lee-Sheng Campaign Fund Parish President	\$1,500.00 \$1,000.00	10/3/2022 12/1/2021
Jennifer Van Vrancken Campaign Fund At Large Member		
Deano Bonano Campaign Fund District 2	\$2,500.00	9/28/2023
Byron Lee Campaign Fund District 3		
Arita Bohannan Campaign Fund District 4		
Hans Lilgeberg Campaign Fund District 5	\$2,500.00	4/13/2023
Marion Edwards Campaign Fund District 1	\$2,500.00	6/20/2022

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required if selected below. Such insurance is due upon contract execution.

OWNER'S PROTECTIVE LIABILITY

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

BUILDER'S RISK INSURANCE

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.