



**AIMS Group, Inc.**  
**Consulting Engineers**

4421 Zenith Street  
Metairie, LA 70001

Response to Statement of Qualifications for

**PROFESSIONAL ENGINEERING SERVICES  
FOR ROUTINE DRAINAGE PROJECTS SOQ NO. 24-015**

**Resolution No. 144202**

Submittal Date: June 21, 2024

State of Louisiana

## **Technical Evaluation Committee (TEC) Questionnaire**

### **Instructions**

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

**STATEMENT OF QUALIFICATIONS RELATED TO PROFESSIONAL ENGINEERING SERVICES FOR  
DRAINAGE PROJECTS, SOQ No. 24-015  
RESOLUTION No. 144202**

**B. Firm Name & Address:**

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

**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. Lowell Pitre, P.E., Engineering Manager**  
(504) 887-7045  
ljp@aimsgroupinc.com

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

<u>  3  </u> Administrative	<u>      </u> Estimators	<u>      </u> Specification Writers
<u>      </u> Architects (Licensed)	<u>      </u> Geologists	<u>  1  </u> Structural Engineers
<u>      </u> Chemical Engineers	<u>      </u> Geotechnical Engineers	<u>      </u> Graduate Engineers
<u>  3  </u> Civil Engineers	<u>      </u> Interior Designers	<u>  1  </u> Project Managers
<u>  2  </u> Construction Inspectors	<u>      </u> Landscape Architects	<u>  1  </u> Clerical
<u>  1  </u> Ecologist	<u>      </u> Land Surveyor	<u>  1  </u> Grant/ Funding Specialist
<u>      </u> Electrical Engineers	<u>      </u> Mechanical Engineers	<u>      </u> Sanitary Engineers
<u>  1  </u> Engineer Intern	<u>  1  </u> Environmental Engineers	<u>  2  </u> Attorneys
<u>      </u> Professional Land Surveyors	<u>  3  </u> Designers	<u> 20 </u> <b>TOTAL</b>

**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.

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. N/A		
2.		
3.		

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**  
We have at least 9 people available for this Project but can have additional staff available if necessary.

\_\_\_\_\_

## 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:**

Principal Engineer-In-Charge

**Name of Firm with which associated:**



**Years' experience with this Firm:**

With this firm: 25 Years  
With other firms: 5 Years

**Education: Degree(s)/Year/Specialization:**

B.S. / 1994/ Civil Engineering

**Active registration: Year first registered/discipline:**

Professional Engineer  
Year first registered: 1999/ Louisiana/ License No. 28221 Discipline:  
Civil Engineering

**Other experience and qualifications relevant to the proposed Project:**

**New Storm Drainage Pump Station Near Orange Lane, Grand Isle, Louisiana**

Principal Engineer-In-Charge.

AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Orange Lane in Grand Isle, LA. The new pump station has two vertical propeller pumps, each having a capacity of 17,400-gallons per minute. The water is discharged through two 28" diameter pipes over the existing tidal protection levee into the adjacent marsh. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a 130 HP Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.

AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the drainage channels leading into the Pump Station. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications.

AIMS is assisting the parish during the advertisement and bidding phase, AIMS Group assisted the Parish with

## **TEC Professional Services Questionnaire**

answering questions and preparing addenda. AIMS is assisting the parish during the construction phase of the Project. AIMS is providing a resident project representative during the construction.

AIMS Group prepared a Joint Coastal Use Permit application. The services provided included Wetland Delineation, Threatened and Endangered Species review, Review Agencies coordination and performed a Hydraulic Modification Impact Analysis – Level 4. The estimate of Probable Construction Costs is \$1,700,000.00.

### **Carmelite St. Stormwater Pump Station and Drainage Network Improvements, Lafitte, LA**

Principal Engineer-In-Charge.

AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.

AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications. The estimate of Probable Construction Costs is \$2,700,000.00.


### **Goose Bayou Pump Station #2, Central Street & Betty Mae Street, Laffite, Louisiana**

AIMS Group was a subconsultant to APTIM to design a new drainage pump station in the Goose Bayou basin. The new drainage pump station is located near the intersection of Betty Mae Street and Central Street in Laffite, Louisiana. The new drainage pump station is constructed in the existing drainage canal. The new pump station has two vertical axial flow pumps, each having a capacity of 35-cubic feet per second. The water is discharged through two 30" diameter pipes through the existing tidal protection levee to the east into The Pen. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which has been certified to Tier 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.

AIMS Group performed structural analysis computations for all of the structural components (i.e. slabs, walls, piles) of the pump station. AIMS used the information developed during the structural analysis phase to create construction plans for the structural components of the pump station. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications. AIMS submitted the construction plans, construction specifications, and opinion of probable construction costs to APTIM for inclusion in the overall construction documents for the pump stations. AIMS attended design review meetings with APTIM and the Client to review and discuss the design.

During the advertisement and bidding phase, AIMS Group assisted APTIM with answering questions and preparing addenda. AIMS assisted APTIM during the construction phase of the Project. AIMS coordinated with APTIM to answer the Contractor's questions and formally respond to Requests for Information (RFIs). AIMS assisted APTIM in providing a resident project representative during 50% of the construction. AIMS also attended construction progress meetings. Construction Costs \$3,268,025.00.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Lowell Pitre, P.E., Engineering Manager
<b>Project Assignment:</b>
Project Manager/ Design Review
<b>Name of Firm with which associated:</b>
 <b>AIMS Group, Inc.</b> <b>Consulting Engineers</b> <small>4421 Zenith Street • Metairie, LA 70001          Ph. 504.887.7045 • Fax. 504.887.7088</small>
<b>Years' experience with this Firm:</b>
With this firm: 13 Years With other firms: 29 Years
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 1981/ Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
Professional Engineer Year first registered: 1987/ Louisiana/ License No. 22829 Discipline: Civil Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>New Storm Drainage Pump Station Near Orange Lane, Grand Isle, Louisiana</b></p> <p>Project Manager responsible for all aspects of design and coordination with Client and Subconsultants. AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Orange Lane in Grand Isle, LA. The new pump station has two vertical propeller pumps, each having a capacity of 17,400-gallons per minute. The water is discharged through two 28" diameter pipes over the existing tidal protection levee into the adjacent marsh. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a 130 HP Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the drainage channels leading into the Pump Station. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications.</p> <p>AIMS is assisting the parish during the advertisement and bidding phase, AIMS Group assisted the Parish with answering questions and preparing addenda. AIMS is assisting the parish during the construction phase of the Project. AIMS is providing a resident project representative during the construction.</p>

## **TEC Professional Services Questionnaire**

AIMS Group prepared a Joint Coastal Use Permit application. The services provided included Wetland Delineation, Threatened and Endangered Species review, Review Agencies coordination and performed a Hydraulic Modification Impact Analysis – Level 4. The estimate of Probable Construction Costs is \$1,700,000.00.

### **Carmelite St. Stormwater Pump Station and Drainage Network Improvements, Lafitte, LA**

Project Manager responsible for all aspects of design and coordination with Client and Subconsultants.

AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.

AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications. The estimate of Probable Construction Costs is \$2,700,000.00.


### **Goose Bayou Pump Station #2, Central Street & Betty Mae Street, Laffite, Louisiana**

AIMS Group was a subconsultant to APTIM to design a new drainage pump station in the Goose Bayou basin. The new drainage pump station is located near the intersection of Betty Mae Street and Central Street in Laffite, Louisiana. The new drainage pump station is constructed in the existing drainage canal. The new pump station has two vertical axial flow pumps, each having a capacity of 35-cubic feet per second. The water is discharged through two 30" diameter pipes through the existing tidal protection levee to the east into The Pen. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which has been certified to Tier 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. AIMS Group performed structural analysis computations for all of the structural components (i.e. slabs, walls, piles) of the pump station. AIMS used the information developed during the structural analysis phase to create construction plans for the structural components of the pump station. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications. AIMS submitted the construction plans, construction specifications, and opinion of probable construction costs to APTIM for inclusion in the overall construction documents for the pump stations. AIMS attended design review meetings with APTIM and the Client to review and discuss the design.

During the advertisement and bidding phase, AIMS Group assisted APTIM with answering questions and preparing addenda. AIMS assisted APTIM during the construction phase of the Project. AIMS assisted in responding to Requests for Information (RFIs). AIMS assisted APTIM in providing a resident project representative during 50% of the construction. AIMS also attended construction progress meetings. Construction Costs \$3,268,025.00.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Harold J. DeLeo, P.E., Project Manager</b>
<b>Project Assignment:</b>
Civil/Structural Project Engineer
<b>Name of Firm with which associated:</b>
 <b>AIMS Group, Inc.</b> <b>Consulting Engineers</b> <small>4421 Zenith Street • Metairie, LA 70001  Ph. 504.887.7045 • Fax. 504.887.7088</small>
<b>Years' experience with this Firm:</b>
With this firm: 9 Years With other firms: 9 Years
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2006/ Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
Professional Engineer Year first registered: 2012/ West Virginia/ License No. 19737 Discipline: Civil Engineering LA License No.: PE-38635 Discipline: Civil Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>New Pump Station at Orange Lane, Grand Isle, Louisiana</b></p> <p>Project Engineer responsible for the design a new drainage pump station in the area of Orange Lane in Grand Isle, LA. The new pump station design is for two vertical propeller pumps, each having a capacity of 17,400-gallons per minute. The water is discharged through 24" diameter discharge over the existing tidal protection levee into the adjacent marsh. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a 130 HP Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>Performed structural analysis computations for all of the structural components of the pump station. Coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the drainage channels leading into the Pump Station. Calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, prepared construction specifications.</p> <p>During the advertisement and bidding phase, assisted with answering questions and preparing addenda. The estimate of Probable Construction Costs is \$1,500,000.00.</p> <p><b>Carmelite St. Stormwater Pump Station and Drainage Network Improvements, Lafitte, LA</b></p> <p>Project Engineer contracted as the Prime Consultant to design a new drainage pump station in the area of</p>

## **TEC Professional Services Questionnaire**

Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. Performed structural analysis computations for all of the structural components of the pump station. Coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. Calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, prepared construction specifications. The estimate of Probable Construction Costs is \$2,700,000.00.

### **Goose Bayou Basin Drainage Pump Station No.2 – Jefferson Parish Drainage Department.**

Project Engineer for the design and plan development of a new drainage pumping station containing two 35 cfs vertical pumps. Provided structural design of all elements of the pumping station including pile foundation, working platforms, sump intake walls and trash screen supports. Total Construction Cost is \$2 Million.

### **Upper LA 45 Basin Tidal Surge Protection and Interior Pump Station and Drainage Network for the Lafitte Area Independent Levee District, Lafitte, LA**


Project Engineer tasked with providing engineering, design and permitting for the construction of a tidal flood protection system around the Upper LA-45 Basin in Lafitte. The flood protection system consists of the following components: earthen levees and concrete-capped bulkheads. In addition to the earthen levees and bulkheads, was tasked to design an interior drainage system which included 3-50 CFS pumps for a new pump station. Used the Louisiana Department of Transportation's HYDRWIN program to estimate the volume of runoff generated in the Upper LA-45 basin. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. Performed structural analysis computations for all of the structural components of the pump station. Total Estimated Construction Cost is \$16.5 Million.

### **Ormond Oaks Drainage Channel Study, St. Charles Parish, LA**

Performed a study to investigate alternatives and determine a recommended design alternative as a solution to improve the physical conditions and improve maintenance conditions of the existing Ormond Oaks Channel in St. Charles Parish. The existing channel has a deep cross section with steep side slopes, which allows erosion and restricts proper maintenance. This study provides the Owner (St. Charles Parish Public Works) with alternatives on improvements to the channel cross section for adequate stormwater conveyance, mitigate degradation from future erosion and provide access for maintenance activities.

Depending on the alternative, there may be some additional individual measures for channel preparation. These measures include various types of anchoring and anchor trenching, compaction requirements and in some cases, turf establishment. Estimate of Probable Construction Costs \$675,125.00.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Robin Hardy, Senior CAD Technician/ Designer</b>
<b>Project Assignment:</b>
CAD Technician/ Designer
<b>Name of Firm with which associated:</b>
 <b>AIMS Group, Inc.</b> <b>Consulting Engineers</b> <small>4421 Zenith Street • Metairie, LA 70001  Ph. 504.887.7045 • Fax. 504.887.7088</small>
<b>Years' experience with this Firm:</b>
With this firm: 7 Years With other firms: 19 Years
<b>Education: Degree(s)/Year/Specialization:</b>
Associates of Applied Science/ 1998/ Civil and Industrial Technology
<b>Active registration: Year first registered/discipline:</b>
None
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Carmelite Pump Station and Drainage Project, (Lafitte Area Independent Levee District) Lafitte, Jefferson Parish, La</b></p> <p>Cad Technician, completed the drafting for plan views, multiple cross sections and profiles of the new pump station, pumps, and site work, which included drafting of a new parking area at the site.</p> <p>Design of a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. Project included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. Calculated material quantities to assist in the development of an opinion of probable construction costs. The estimate of Probable Construction Costs is \$2,700,000.00.</p> <p><b>Lafitte Tidal Protection Levee – Upper LA-45 Basin,</b></p> <p><b>Upper LA 45 Basin Tidal Surge Protection and Interior Pump Station and Drainage Network for the Lafitte Area Independent Levee District</b></p> <p><b>Lafitte, LA</b></p> <p>CAD Technician, responsible for drafting proposed breakwaters, I-walls, and levee system to protect against hurricane and storm surge. Cross sections, profiles and details were drawn for use in design, using AutoCAD. Provided engineering design and permitting for the construction of a tidal flood protection system around the</p>


## **TEC Professional Services Questionnaire**

Upper LA-45 Basin in Lafitte. The flood protection system consists of earthen levees and concrete-capped bulkheads. Approximately 7,200 linear feet of earthen levee will be constructed adjacent to the Jean Lafitte National Historical Park and Preserve. Approximately 10,700 linear feet of bulkhead along Bayou Barataria will be constructed. The Upper LA-45 Basin flood protection system will tie into the flood protection systems of the Rosethorne and Fisher Basins. The integration of the flood protection systems of each basin will protect the critical evacuation route of LA-45. All flood protection will be constructed to an elevation of 7.5 feet N.G.V.D. Estimate of Probable Construction Cost is \$16.5 Million.


### **Goose Bayou Basin Drainage Pump Station No.2 – Jefferson Parish Drainage Department.**

CAD Technician, responsible for drafting proposed pump station structural drawings. Cross sections, elevations and details were drawn for use in design, using AutoCAD. Design and plan development of a new drainage pumping station containing two 35 cfs vertical pumps. Provided structural design of all elements of the pumping station including pile foundation, working platforms, sump intake walls and trash screen supports. Total Construction Cost is \$2 Million.


## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Carla Valeria Troll- Chavesta, E.I., Civil Engineer Intern
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
 <p><b>AIMS Group, Inc.</b> Consulting Engineers 4421 Zenith Street • Metairie, LA 70001 Ph. 504.887.7045 • Fax. 504.887.7088</p>
<b>Years' experience with this Firm:</b>
With this firm: 1 Year With other firms: N/A
<b>Education: Degree(s)/Year/Specialization:</b>
B. S., 2023, Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
E.I., Civil Engineering Louisiana License No. 35465
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Upper LA 45 Basin Tidal Surge Protection and Interior Pump Station and Drainage Network for the Lafitte Area Independent Levee District</b> <b>Lafitte, LA</b></p> <p>Engineer responsible for revising the geotechnical report to determine the optimal tip elevations for each reach, and annotating the plans accordingly. The project consists of the construction of a tidal flood protection system around the Upper LA-45 Basin in Lafitte. The flood protection system consists of the following components: earthen levees and concrete-capped bulkheads. In addition to the earthen levees and bulkheads, was tasked to design an interior drainage system which included 3-50 CFS pumps for a new pump station. Used the Louisiana Department of Transportation's HYDRWIN program to estimate the volume of runoff generated in the Upper LA-45 basin. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. Performed structural analysis computations for all of the structural components of the pump station. Total Estimated Construction Cost is \$16.5 Million.</p>

## TEC Professional Services Questionnaire


<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Lee Patterson, PWS, Senior Environmental Scientist
<b>Project Assignment:</b>
Environmental Scientist
<b>Name of Firm with which associated:</b>
 <p><b>AIMS Group, Inc.</b>  <b>Consulting Engineers</b>  <small>4421 Zenith Street • Metairie, LA 70001  Ph. 504.887.7045 • Fax. 504.887.7088</small></p>
<b>Years' experience with this Firm:</b>
With this firm: 6 Years With other firms: 9 Years
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 2009, Natural Resource Ecology and Management
<b>Active registration: Year first registered/discipline:</b>
Year first registered: 2019 Professional Wetland Scientist (PWS) Society of Wetland Scientists
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Orange Lane Pump Station, Grand Isle, LA – Jefferson Parish Department of Drainage &amp; Grand Isle Independent Levee District</b></p> <p>Provided wetland delineation and permitting services for a pump station installation project in Grand Isle, Louisiana: conducted a wetland delineation on the project area and procured a jurisdictional determination from the USACE; developed permit application and figures; coordinated with regulatory agencies to minimize wetland impacts. Performed a Hydraulic Modification Impact Analysis – Level 4.</p> <p>AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Orange Lane in Grand Isle, LA. The new pump station has two vertical propeller pumps, each having a capacity of 17,400-gallons per minute. The water is discharged through two 28” diameter pipes over the existing tidal protection levee into the adjacent marsh. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a 130 HP Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. The estimate of Probable Construction Costs is \$1,700,000.00.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
Michael Pourciau, CAD Technician/ Designer	
<b>Project Assignment:</b>	
CAD Technician/ Designer	
<b>Name of Firm with which associated:</b>	
 <b>AIMS Group, Inc.</b> Consulting Engineers <small>4421 Zenith Street • Metairie, LA 70001          Ph. 504.887.7045 • Fax. 504.887.7088</small>	
<b>Years' experience with this Firm:</b>	
With this firm: 5 Years	
With other firms: 25 Years	
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S./ 1992 / Architecture	
<b>Active registration: Year first registered/discipline:</b>	
None	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<b>Carmelite Pump Station &amp; Drainage Improvements (Lafitte Independent Area Levee District)          Lafitte, LA</b> AutoCAD drafting and detailing for the design of a new drainage pump station. AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency. AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications. The estimate of Probable Construction Costs is \$2,700,000.00.	



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
Silas D. Cunningham III, Senior Civil/ Structural CAD Technician/ Designer	
<b>Project Assignment:</b>	
Civil/ Structural CAD Technician/ Designer	
<b>Name of Firm with which associated:</b>	
 <p><b>AIMS Group, Inc.</b> Consulting Engineers 4421 Zenith Street • Metairie, LA 70001 Ph. 504.887.7045 • Fax. 504.887.7088</p>	
<b>Years' experience with this Firm:</b>	
With this firm: 4 Years With other firms: 30 Years	
<b>Education: Degree(s)/Year/Specialization:</b>	
None	
<b>Active registration: Year first registered/discipline:</b>	
None	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p><b>Carmelite Pump Station &amp; Drainage Improvements (Lafitte Independent Area Levee District)</b> <b>Lafitte, LA</b></p> <p>AutoCAD drafting and detailing for the design of a new drainage pump station.</p> <p>AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which shall be certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. AIMS calculated material quantities and developed an engineer's opinion of probable construction costs. In addition to development of construction plans, AIMS prepared construction specifications.</p> <p>The estimate of Probable Construction Costs is \$2,700,000.00.</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><b>New Storm Drainage Pump Station Near Orange Lane</b> Grand Isle, Louisiana</p> <p>Owner's Contact: Ben Lepine, P.E. Director, Jefferson Parish Department of Drainage 504-736-6751</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Conceptual Plan Preparation</li> <li>✓ Structural Analysis and Design</li> <li>✓ Drainage Design and Analyses</li> <li>✓ Engineer's Opinion of Probable Construction Costs</li> <li>✓ Construction Plan and Specifications Preparation</li> <li>✓ Assistance during Bidding</li> <li>✓ Assistance during Construction</li> <li>✓ Resident Project Representative</li> <li>✓ Permitting</li> </ul> <p>AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Orange Lane in Grand Isle, LA. The new pump station has two vertical propeller pumps, each having a capacity of 17,400-gallons per minute. The discharge consists of two 28" diameter pipes over the existing tidal protection levee into the adjacent marsh. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a 130 HP Standby Diesel Generator which is certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the drainage channels leading into the Pump Station. AIMS developed an engineer's opinion of probable construction costs. AIMS prepared construction drawings and specifications.</p> <p>During the advertisement and bidding phase, AIMS Group assisted the Parish and Levee District with answering questions and preparing addenda. AIMS is assisting the Parish during the construction phase of the Project and providing a resident project representative during the construction.</p> <p>AIMS Group prepared a Joint Coastal Use Permit application. The services provided included Wetland Delineation, Threatened and Endangered Species review, Review Agencies coordination and performed a Hydraulic Modification Impact Analysis – Level 4.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated Construction Completion October 2024	\$1,700,000.00	\$1,700,000.00

## **TEC Professional Services Questionnaire**

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Carmelite St. Stormwater Pump Station and Drainage Network Improvements</b> Lafitte, LA</p> <p>Owner's Contact: Nicole Cooper, Director of Administration, Lafitte Area Independent Levee District 504-233-1109</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Conceptual Plan Preparation</li> <li>✓ Structural Analysis and Design</li> <li>✓ Engineer's Opinion of Probable Construction Costs</li> <li>✓ Construction Plan and Specifications Preparation</li> <li>✓ Assistance during Bidding</li> <li>✓ Assistance during Construction</li> <li>✓ Resident Project Representative</li> </ul> <p>AIMS Group was contracted as the Prime Consultant to design a new drainage pump station in the area of Carmelite St. in Lafitte, LA. The new pump station has two 17 CFS vertical axial flow pumps. The water is discharged through 20-inch diameter pipes into the adjacent Bayou Segnette. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which is certified to Tier 1 – 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>AIMS Group performed structural analysis computations for all of the structural components of the pump station. AIMS coordinated the field and drainage surveys. Also, coordinated the Geotechnical Investigation and recommendations. A drainage analysis was performed to determine the Pump Station hydraulic capacity which included modifications to the existing drainage system that included subsurface drain pipes and drain inlets. AIMS developed an engineer's opinion of probable construction costs. AIMS prepared construction drawings and specifications.</p> <p>During the advertisement and bidding phase, AIMS Group assisted the Parish with answering questions and preparing addenda. AIMS is assisting the Parish during the construction phase of the Project. AIMS is providing a resident project representative during the construction.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Construction Estimated Completion May 2025	\$2,700,000.00	\$2,700,000.00

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p><b>J.P.P.W. No. 2017-031-RBP: West Esplanade Avenue U-Turns</b> Jefferson Parish, LA</p> <p>Owner's Contact: Neil Schneider, P.E., Director, Department of Capital Projects 504-736-6833</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Coordination of Topographic Survey</li> <li>✓ Coordination of Geotechnical Investigation</li> <li>✓ Preliminary Design Phase</li> <li>✓ Final Design Phase – Plans and Specifications</li> <li>✓ Bidding Phase</li> <li>✓ Engineering During Construction</li> <li>✓ Resident Inspection</li> </ul> <p>AIMS Group was contracted as the Prime Consultant to prepare Plans, Specifications and Construction Documents for Public Bidding of the Construction Contract for Jefferson Parish. <b>The project consisted of two new turn lanes geometry including U-turn lanes on West Esplanade Avenue, extension of three cell box culverts beneath the intersection. AIMS Group used survey data to design back-to-back U-turns over the canal that is located between the east bound and west bound travel lanes of West Esplanade in the vicinity of Harvard Avenue.</b> This project included removal and replacement of Portland cement concrete pavement on the north side of the canal and asphalt pavement on the south side of the canal, included concrete curb for the Portland cement concrete pavement and concrete curb and gutter for the asphalt pavement, sidewalk, driveways, ADA mandated accessibility ramps, subsurface drainage. The waterline work included installation of new Water Mains 8-inch and 12-inch, transition couplings and ductile iron fittings including removal of existing 8-inch and 12-inch AC waterlines. Including conflict boxes for drainage and waterline conflicts.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Actual Construction Completed 2022	\$4,060,000.00.	\$4,060,000.00.

## TEC Professional Services Questionnaire

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Goose Bayou Pump Station #2</b>  <b>Central Street &amp; Betty Mae Street</b>  Laffite, Louisiana</p> <p>Owner's Contact: Mitchell Theriot, P.E.  Director, Jefferson Parish Department  of Drainage 504-736-6751</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Conceptual Plan Preparation</li> <li>✓ Structural Analysis and Design</li> <li>✓ Engineer's Opinion of Probable Construction Costs</li> <li>✓ Construction Plan and Specifications Preparation</li> <li>✓ Assistance during Bidding</li> <li>✓ Assistance during Construction</li> <li>✓ Resident Project Representative</li> </ul> <p>AIMS Group was a subconsultant to APTIM to design a new drainage pump station in the Goose Bayou basin. The new drainage pump station is located near the intersection of Betty Mae Street and Central Street in Laffite, Louisiana. The new drainage pump station is constructed in the existing drainage canal. The new pump station has two vertical axial flow pumps, each having a capacity of 35-cubic feet per second. The water is discharged through two 30" diameter pipes through the existing tidal protection levee to the east into The Pen. The pump station has been designed in compliance with Hydraulic Institute (HI) Standards. The Pump Station includes a Standby Diesel Generator which has been certified to Tier 3, U.S. Non-Road Source Emission Standards, CI Stationary Emergency.</p> <p>AIMS Group performed structural analysis computations for all of the structural components (i.e. slabs, walls, piles) of the pump station. AIMS used the information developed during the structural analysis phase to create construction plans for the structural components of the pump station. AIMS developed an engineer's opinion of probable construction costs. AIMS prepared construction drawings and construction specifications. AIMS attended design review meetings with the Client to review and discuss the design.</p> <p>During the advertisement and bidding phase, AIMS Group assisted with answering questions and preparing addenda. AIMS assisted during the construction phase of the Project. AIMS assisted in answering the Contractor's questions and formally respond to Requests for Information (RFIs). AIMS assisted in providing a resident project representative during 50% of the construction. AIMS also attended construction progress meetings.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Construction Completion June 2020	\$3,268,025.00	\$1,470,612.00

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>	
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>
<p><b>Upper LA-45 Basin –Tidal Surge Protection and Interior Pump Station and Drainage Network</b> Lafitte, LA</p> <p>Owner's Contact: Nicole Cooper, Director of Administration, Lafitte Area Independent Levee District 504-233-1109</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Evaluation Phase</li> <li>✓ Preliminary Design Phases</li> <li>✓ Final Design Phase – Plans and Specifications</li> <li>✓ Bidding Phase</li> <li>✓ Construction Phase</li> <li>✓ Resident Inspection</li> <li>✓ Coordination with Development of Topographic Survey and Right of Way Maps</li> <li>✓ Coordination with Development of Geotechnical Investigation</li> <li>✓ Coordination for Preparation of Applications for Regulatory Permits</li> </ul> <p>AIMS Group, as the prime consultant, worked and coordinated with four subconsultants, to provide engineering design and permitting for the construction of a tidal flood protection system around the Upper LA-45 Basin in Lafitte. The flood protection system consists of the following components: earthen levees and concrete-capped bulkheads. Approximately 7,200 linear feet of earthen levee will be constructed adjacent to the Jean Lafitte National Historical Park and Preserve. Approximately 10,700 linear feet of bulkhead along Bayou Barataria will be constructed. The Upper LA-45 Basin flood protection system will tie into the flood protection systems of the Rosethorne and Fisher Basins. The integration of the flood protection systems of each basin will protect the critical evacuation route of LA-45. All flood protection will be constructed to an elevation of 7.5 feet N.G.V.D.</p> <p><b>In addition to the earthen levees and bulkheads, AIMS was tasked to design an interior drainage system which included 3-50 CFS pumps for a new pump station. The Pump Station also included 450KW Diesel Generator. AIMS used the Louisiana Department of Transportation's HYDRWIN program to estimate the volume of runoff generated in the Upper LA-45 basin. The interior drainage system consisted of a new subsurface system with new pipes and storm drain inlets. AIMS coordinated with the Jefferson Parish Department of Drainage for input and guidance regarding the design of the pump station and collection/conveyance system.</b></p> <p>AIMS Group developed a scope of work for surveying and geotechnical engineering for the project. AIMS worked to obtain rights-of-entry to perform the surveying and geotechnical investigation required to design the project. AIMS coordinated meetings with federal and state agencies regarding impacts to wetlands and forested areas within the National Park system. Additionally, AIMS met with Coastal Protection and Restoration Authority to discuss the project and project cost. AIMS</p>

## TEC Professional Services Questionnaire

	<p>contacted several contractors specializing in this field of constructions to confirm cost information and develop a tentative construction schedule.</p> <p>AIMS Group worked with a subconsultant to prepare construction plans, specifications and an estimate of probable construction costs for the project. AIMS developed details for floodwalls, floodgates, valve structures, and tie-in structures. AIMS also worked to develop alternate alignment adjacent to the Jean Lafitte National Historical Park and Preserve in order to reduce the impacts to wetlands and forested areas. In addition to designing the project, AIMS Group coordinated with a Subconsultant to provide environmental services related to the permitting of the project. Services included contacting and coordinating with various state and federal regulatory agencies to determine what changes must be made to the Project in order to reduce the environmental impacts related to the construction of the project. Agencies included the Louisiana Department of Natural Resources, Louisiana Wildlife and Fisheries, National Park Service and U.S. Army Corps of Engineers. As part of the agency coordination efforts, AIMS coordinated with the subconsultant to arrange and attend meetings with the respective agencies. AIMS also assisted with the preparation and submission of the required permit application(s), such as the Coastal Use Permit – Joint Permit Application, and permit drawings for the entire project.</p> <p>AIMS Group assisted the Owner during the bidding phase of the project. AIMS assisted the Owner with coordination of the pre-bid meeting. AIMS prepared addendum in response to contractor questions received during the bidding phase. AIMS also assisted the Owner with bid tabulation and recommending the lowest apparent bidder on the project. During the construction phase, AIMS provided engineering during construction services and resident inspection services. The resident inspector worked as the Engineer/Owner’s agent at the Project Site. Furthermore, the resident inspector acted as directed by and under the supervision of Engineer to oversee the Contractor’s work progress at the Project Site.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated August 2025	Estimate of Probable Construction Costs for the Pump Station and new Interior Subsurface Drainage System is \$16.5 Million. Estimate of Probable Construction Costs for the Surge Protection System is \$20.9 Million.	Pump Station and new Interior Subsurface Drainage System is \$10.0 Million. Surge Protection System is \$13.6 Million.

## TEC Professional Services Questionnaire

PROJECT NO. 6	
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p><b>Improvements to North Lester Avenue at Canal No. 5; Construction of a New U-Turn on West Metairie Avenue West of David Drive – Jefferson Parish Public Works</b></p> <p>Owner's Contact: Reda Youssef, P.E., Director, Department of Capital Projects 504-736-6833</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Coordination of Topographic Survey</li> <li>✓ Coordination of Geotechnical Investigation</li> <li>✓ Preliminary Design Phase</li> <li>✓ Final Design Phase – Plans and Specifications</li> <li>✓ Bidding Phase Services</li> <li>✓ Construction Phase Services</li> <li>✓ Resident Inspection</li> </ul> <p>AIMS Group was contracted as the Prime Consultant to develop the design and preparation of the plans and specifications suitable for bidding for adding an eastbound to westbound u-turn on West Metairie Avenue on the west side of David Drive, <b>including installation of new pipe culverts extending west of the existing pipe culverts.</b> The project will include the removal of the Lester Avenue crossing of West Metairie Avenue and all incidental work. The work also included the installation of an aerial crossing for a new 8-inch waterline across Canal No. 5 at Lester Ave. and the design for construction of a retaining wall on the south side of Canal No. 5. <b>The project consisted of a new U-turn lane on West Metairie Avenue, extension of three 78-inch by 122-inch reinforced concrete arch pipe culverts,</b> installation of a new 8-inch ductile iron aerial waterline crossing consisting of PPC pile supports, vandal resistant fencing and all required waterline appurtenances. The project required the design for construction of a gravity retaining wall on the south side of Canal No. 5 due to the proximity of the extension of the pipe culverts to the top of bank edge of West Metairie Avenue.</p> <p>Assisted the Parish in publicly bidding project for construction consisting of a pre-bid meeting, answer questions from potential bidders during the advertising period, and bid opening. Provided a recommendation of the low bidder to the owner. Assisted owner in construction administration of project which consisted of coordination with owners of utilities for relocation of their facilities to clear the site for construction, require and review tests of materials necessary for the project, assist in the determination of contract pay quantities, including necessary materials checking, verify and approve contractor's pay estimates, review shop drawings and samples for conformance with the design concept of the project, perform final inspection and make a recommendation for acceptance and prepare all necessary documentation required for construction change orders. AIMS provided Resident Inspection Services.</p>



## TEC Professional Services Questionnaire

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Construction Completed April 2017	\$775,630.00	\$775,630.00

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Midway Drive Drainage Improvements</b> Jefferson Parish, Louisiana  Owner's Contact: Reda Youssef, P.E. Director of Jefferson Parish Capital Projects 504-736-6833	AIMS Group was responsible for: ✓ Topographic Survey ✓ Conceptual Plan preparation ✓ Engineer's Opinion Construction cost Estimate ✓ Construction Plan preparation ✓ Secure permits from LADOTD ✓ Project Status Reports ✓ Resident Inspection AIMS Group, as Prime Consultant, provided Engineering and Resident Inspection services for Midway Drive Drainage improvements. The main scope of the project was, to install approximately 2,300 linear feet of 60" RCP and RCPA along Midway Drive from Charlotte Drive to Soniat Canal and drainage improvements to half of the streets of Charlotte, Marsha and Wildwood Drive. The existing roadway and drain pipes were removed and replaced with new pavement and larger drain pipes to solve local flooding and drainage issues for the residents in the design storm event. Also, several water line adjustments were made to existing 6" AC water line for the installation of 60" RCP/RCPA pipe. 12" Sewer force main and pavement replacement was made along Midway Drive. The existing 6" AC water line had to be replaced with a new 8" Ductile iron section, where conflicts occurred.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Construction Completed September 2015	\$3.1 Million	\$3.1 Million



## **TEC Professional Services Questionnaire**

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Southwood West Drainage Study Jefferson Parish, Louisiana</b></p> <p>Owner's Contact: Mitch Theriot, P.E. Director of Department of Drainage, Jefferson Parish 504-736-6751</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Conceptual Plan preparation</li> <li>✓ Engineer's Opinion Construction cost Estimate</li> <li>✓ Site Inspections/Investigations</li> <li>✓ Drainage Evaluations and analysis</li> <li>✓ Drainage Report</li> </ul> <p>AIMS Group prepared a study that was done in two parts; the Part 1 report concluded that the existing drainage system did not meet the 10-year storm criteria. Part 2 of the study examined conceptual solutions for improvements to the existing drainage system to meet the 10-year storm criteria. The conceptual solutions included alternative routing of storm drains, increase in pipe sizes, alternative outfalls and on-site storage of storm water runoff into the drainage system. The Part 2 report included analyses of three alternatives; a preferred alternative was recommended that included an estimate of construction costs for the proposed system modifications.</p> <p>AIMS Group prepared the drainage study and performed hydraulic analyses to check the adequacy of the existing drainage system to accommodate a rainfall storm event with a 10-year return frequency for existing and future conditions.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2015	\$2.75 Million	\$2.75 Million

## **TEC Professional Services Questionnaire**

<b>PROJECT NO. 9</b>	
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>
<p><b>Ormond Oaks Drainage Channel</b>  <b>Project No. P210203</b>  East Bank of St. Charles Parish,  Louisiana</p> <p>Owner's Contact: Miles Bingham, P.E.  Director of Public Works, St. Charles Parish  985-331-26241</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Feasibility/Constructability Study (Conceptual Phase)</li> <li>✓ Engineer's Opinion Construction Cost Estimate</li> <li>✓ Site Inspections/Investigations</li> <li>✓ Identify Potential Drainage Solutions</li> <li>✓ Report</li> </ul> <p>AIMS Group performed a study to investigate alternatives and determine a recommended design alternative as a solution to improve the physical conditions and improve maintenance conditions of the existing Ormond Oaks Channel in St. Charles Parish. The existing channel has a deep cross section with steep side slopes, which allows erosion and restricts proper maintenance. This study provides the Owner (St. Charles Parish Public Works) with alternatives on improvements to the channel cross section for adequate stormwater conveyance, mitigate degradation from future erosion and provide access for maintenance activities While reviewing alternatives, AIMS Group focused on the following design considerations:</p> <ul style="list-style-type: none"> <li>• Improvements to the drainage channel would need to be completed using smaller equipment, such as skid steers and mini-excavators due to the small footprint and access limitations.</li> <li>• Due to the small construction footprint, the channel cross section would require steep slopes leading to the invert in order to maintain the existing drainage capacity. The design solution chosen would need to be able to meet the required design cross section slopes, while maintaining bank stabilization, and erosion protection, to minimize future maintenance and any potential slope failures into the channel.</li> <li>• Due to the steep slopes required in the channel, mowing and/or maintaining vegetation along the slopes is difficult. A design solution would need to minimize the amount of vegetation maintenance within the channel.</li> <li>• The channel lining section would need to be able to meet the required hydraulic requirements of the channel as it pertains to capacity and maximum flow velocity. The maximum flow velocity to be used as a minimum requirement when considering alternatives in this study was determined to be 3.93 ft/s. To determine this velocity, it was assumed the channel cross section would be the same relative size as the existing channel (based on the cross sections provided in the topographic survey), and the maximum discharge flowrate would be 275 CFS based on information provided by the Owner (St. Charles Parish Public Works). The maximum discharge flowrate was determined using a 10-Year Design Storm.</li> </ul>

## TEC Professional Services Questionnaire

	<ul style="list-style-type: none"> <li>• Construction will be performed in an active existing drainage channel. Construction duration and installation sequence of work was also analyzed.</li> <li>• Comparison of estimated probable construction costs.</li> <li>• Minimize vibrations and sound caused by construction activities.</li> <li>• Maintain existing drainage conditions during construction.</li> <li>• Service life of the products being evaluated.</li> </ul> <p>Depending on the alternative, there may be some additional individual measures for channel preparation. These measures include various types of anchoring and anchor trenching, compaction requirements and in some cases, turf establishment.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Actual August 2023	\$675,125.00	\$675,125.00

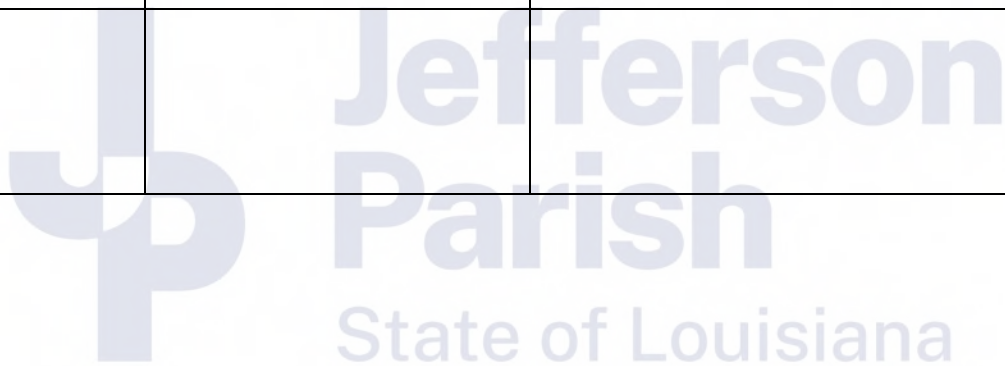
PROJECT NO. 10	
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<b>Drainage Evaluations and Analysis Vintage Drive to Chateau Mouton Drive City of Kenner, Louisiana</b>  Owner's Contact: Jose Gonzalez, P.E., Director; City of Kenner, Department of Public Works 504-468-7515	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Topographic Survey</li> <li>✓ Conceptual Plan preparation</li> <li>✓ Engineer's Opinion Construction cost Estimate</li> <li>✓ Site Inspections/Investigations</li> <li>✓ Drainage Evaluations and Analysis</li> <li>✓ Drainage Report</li> </ul> <p>AIMS Group provided analyses and evaluations to recommend alternative solutions to existing drainage problems. The analyses were developed for a rainfall storm event with a 10-year return frequency. Storm drain pipes sizes were determined by using values for drainage areas, storm drain inlet invert elevations and water surface elevation in the outfall canal obtained from the Master Drainage Plan. Storm drain invert elevations obtained from field survey was used to supplement data from the Master Drainage Plan.</p> <p>Field survey was performed for the area along Chateau Talbot Drive from Vintage Drive to Chateau Mouton Drive. The survey consisted of storm drain pipe invert elevations at drainage structures and gravity sanitary sewer invert elevations at sanitary sewer structures. Horizontal locations of other underground utilities that intersect and are in close proximity to existing storm drain pipes.</p> <p>Layouts and sketches of proposed solutions were developed to accomplish the work. Itemized construction cost estimates were developed for each of the solutions</p>

## TEC Professional Services Questionnaire

Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Actual April 2015	\$289,266.00.	\$289,266.00.

**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	NONE	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.**

### 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. Our Team Members have worked on many projects and utilize all of the latest computer technology and 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-eight (28) 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	New Orleans Sewerage & Water Board	Jefferson Parish
City of New Orleans	Algiers Naval Support Activity	Plaquemines Parish
Orleans Parish School Board	New Orleans International Airport	Archdiocese of New Orleans
St. Tammany Parish	Louisiana Office of Facility Planning and Control	New Orleans World Trade Center
University of New Orleans	Southern University in New Orleans	City of Kenner
City of Westwego	Dillard University	Belle Chasse Naval Air Station



### 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 completely and fully understand the project. 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.

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 these 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. Our experience includes drainage studies, open channel design, subsurface storm drainage design, design of storm surge protection systems

## **TEC Professional Services Questionnaire**

and design of all aspects of storm drainage pumping stations, **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 general 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:**

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

#### **Firm's Specialized Experience:**

- ***Drainage System Projects*** – Perform design, construction administration, construction management, and alternative studies, resident inspection, that include all aspects of drainage studies and drainage design as described above. Hydraulics/hydrology studies (H&H modeling), site evaluation, master planning and development;
- ***Construction Administration*** – Perform all facets of the construction process, including but not limited to – handling of all bidding and advertising, pre-construction meetings, document control, cost control, safety review, field engineering, close out documentation, as built drawing development, project controls and scheduling, permitting, environmental review, utilities relocation, traffic planning, construction engineering and inspection (CEI), program management, project delivery methodology; and
- ***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.

## TEC Professional Services Questionnaire

### Key Personnel Experience and Professional Qualifications:

In addition to the supporting staff, the following is a brief description of key personnel and associates that will be involved with projects that are related to drainage projects and their experience.

- **Mr. Thomas R. L’Hoste, Civil Engineer, P.E.** - Principal Engineer and President of **AIMS GROUP**. Mr. L’Hoste holds a B.S. in Civil Engineering from the University of New Orleans, and he is a Louisiana registered professional civil engineer. Mr. L’Hoste has thirty (30) years of specialized engineering experience with municipal projects, specifically with multiple aspects of drainage design and study projects, and has the experience to perform the duties of Principal in Charge for any drainage related project. Under Mr. L’Hoste’s leadership, **AIMS GROUP** has been responsible for the successful design of numerous civil projects throughout the Metropolitan New Orleans area.
- **Mr. Lowell Pitre, Civil Engineer, P.E.** - Mr. Pitre has forty-two (42) years of broad civil engineering experience involving design and construction administration of street, drainage, water and sewerage projects, while in the employ of several firms. 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), other state and federal agencies. Mr. Pitre has excellent knowledge and experience and has designed and managed a variety of projects very successfully. Mr. Pitre has extensive experience with drainage systems design.
- **Mr. Harold (Harry) DeLeo, P.E.** - Mr. DeLeo is a Louisiana registered professional civil engineer who has eighteen (18) years of experience with construction and public works projects. He has local specialized experience of the various aspects of drainage system projects. Mr. DeLeo has excellent knowledge and experience and has designed and managed a variety of projects very successfully. Mr. DeLeo has extensive experience with drainage systems design. His experience will be essential to this project and will prove to be a key team member and leader.

### 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 VERY GOOD from the U.S. Army Corps of Engineers (USACE) for all of its projects during the past 18 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 350 civil engineering projects AND 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 drainage 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 IF ANY WITH JEFFERSON PARISH:

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



## TEC Professional Services Questionnaire

### **V. PRIOR SUCCESSFUL COMPLETION OF PROJECTS:**

Since its inception in 1996, **AIMS GROUP** has completed over (250) sizeable civil projects, involving water, sewerage, streets and drainage. Detailed in Section L is our most recent drainage project experience – in fact, our Senior Design Team Engineers, have over 60 years of experience and hundreds of prior successful projects including numerous drainage system related projects. Our team's experience, as seen by the questionnaire, includes the very type of projects that this solicitation seeks to identify. Our engineers work diligently to complete projects on time, along with all cost estimates, project schedules and construction documents.

We have worked with and successfully completed numerous projects for Jefferson Parish as seen throughout this questionnaire. Our team has the experience and knowledge of the Jefferson Parish systems through the handling of similar projects relative to this solicitation.

### **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 (4) Registered Professional Engineers, (1) Louisiana Registered Engineer in Training, (3) AutoCAD Draftsman, and (2) certified resident inspectors. Since all four 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:**

As noted, **AIMS GROUP** has performed work in Jefferson Parish since our inception in 1996, as well as performing work in virtually every municipality in the Metropolitan region. We enjoy a very high repeat business rate with our clients and invite you to contact past and present clients as noted in this questionnaire.

We have worked with and successfully completed numerous projects for Jefferson Parish as seen throughout this questionnaire. Our team has the experience and knowledge of the Jefferson Parish systems through the handling of similar projects relative to this solicitation.

**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 Date: June 17, 2024