



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

4421 Zenith Street  
Metairie, LA 70001

Response to Statement of Qualifications for

**PROFESSIONAL ENGINEERING SERVICES  
FOR ROUTINE WATER PROJECTS SOQ NO. 24-013**

**Resolution No. 1442023**

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  
WATER PROJECTS, SOQ No. 24-013  
RESOLUTION No. 144203**

**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](mailto: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:**

**Grand Isle Waterline Lowering, JPPW Project No. 2024-011-WR, Grand Isle, La**

Principal Engineer-In-Charge.

AIMS Group was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud.

USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.

**Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA -- Jefferson Parish Department of Water**

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

AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines

## **TEC Professional Services Questionnaire**

along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition. The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.

### **Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La - East Bank**

Principal Engineer-In-Charge.

AIMS Group was responsible for designing the new waterlines in the area surrounding the existing line on Hickory Avenue. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

### **Viavant Neighborhood Water Line Replacement, New Orleans, Louisiana, Sewerage and Water Board of New Orleans**


Principal Engineer-In-Charge.

AIMS Group, Inc. provided engineering design services for a water main replacement. AIMS Group prepared construction drawings, specifications and opinion of construction costs for the Project. The scope of the project consisted of replacing the existing 6, 8 & 12 -inch asbestos cement and cast-iron water mains with 8 and 12-inch PVC water mains. Approximately 18,000 linear feet of water main was replaced as part of the Project. Portions of the new water mains will be installed using horizontal directional drilling. New water main fittings, valves and fire hydrants will be provided where needed as part of the Project.

Many neighborhood roads and streets in New Orleans were flooded during Hurricane Katrina. The flooding caused uneven settlement of the ground resulting in major problems for pavement and utilities. The Viavant Neighborhood was one of the areas where the Department of Public Works identified numerous water main leaks. The Project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA.

The construction cost for this project was \$3 Million.

## 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>Grand Isle Waterline Lowering, JPPW Project No. 2024-011-WR, Grand Isle, La</b>  Project Manager responsible for all aspects of design and coordination with Client and Subconsultants. AIMS Group was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud. USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA -- Jefferson Parish Department of Water</b>  Project Manager responsible for all aspects of design and coordination with Client and Subconsultants. AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and</p>

## **TEC Professional Services Questionnaire**

service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition. The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.

### **Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La - East Bank**


Project Manager responsible for all aspects of design and coordination with Client and Subconsultants. AIMS Group was responsible for designing the new waterlines in the area surrounding the existing line on Hickory Avenue. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

### **Viavant Neighborhood Water Line Replacement, New Orleans, Louisiana, Sewerage and Water Board of New Orleans**

Project Manager responsible for all aspects of design and coordination with Client. AIMS Group, Inc. provided engineering design services for a water main replacement. AIMS Group prepared construction drawings, specifications and opinion of construction costs for the Project. The scope of the project consisted of replacing the existing 6, 8 & 12 -inch asbestos cement and cast-iron water mains with 8 and 12-inch PVC water mains. Approximately 18,000 linear feet of water main was replaced as part of the Project. Portions of the new water mains will be installed using horizontal directional drilling. New water main fittings, valves and fire hydrants will be provided where needed as part of the Project. Many neighborhood roads and streets in New Orleans were flooded during Hurricane Katrina. The flooding caused uneven settlement of the ground resulting in major problems for pavement and utilities. The Viavant Neighborhood was one of the areas where the Department of Public Works identified numerous water main leaks. The Project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA. The construction cost for this project was \$3 Million.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Harold J. DeLeo, P.E., Project Civil Engineer</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; Texas License: PE-147275 – Civil Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Grand Isle Waterline Lowering, JPPW Project No. 2024-011-WR, Grand Isle, La</b>  Project Engineer responsible for the preparation of Design Plans and Specifications for the design of new waterline.  AIMS Group was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud.  USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La - East Bank</b>  Project Engineer responsible for the preparation of Design Plans and Specifications for the design of project. AIMS Group was responsible for designing the new waterlines in the area surrounding the existing line on Hickory Avenue. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants,</p>

## **TEC Professional Services Questionnaire**

all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

### **Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA -- Jefferson Parish Department of Water**


Project Engineer responsible for the preparation of Design Plans and Specifications for the design of project. AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition. The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.

### **Plum Orchard and Viavant Neighborhoods Water Lines Replacement, Sewerage & Water Board of New Orleans.**

Design Engineer for the development of engineering design and preparation of construction drawings, specifications and opinion of construction costs estimate for water line replacement. The scope of the project is to replace the existing 6, 8 & 12 -inch AC and cast-iron water lines with 8-inch PVC water lines. Approximately 8,920 linear feet of water lines were replaced in the Plum Orchard neighborhood and approximately 15,372 linear feet of water lines were replaced in the Viavant neighborhood. New waterline fittings, valves and fire hydrants were provided where needed.

Due to Hurricane Katrina, many parts of the New Orleans streets were submerged due to flooding and resulting in major problems for pavement and utilities due to uneven settlement of the ground. These neighborhoods were where the Department of Public Works identified numerous water line leakages. This project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA. Estimate of Probable Construction Costs for Plum Orchard \$780,350.00 and Viavant \$3.0 Million.

## 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>Grand Isle Waterline Lowering, JPPW Project No. 2024-011-WR, Grand Isle, La</b>          Cad Technician, responsible for cad drafting from engineer's design of water line and valves stations. The drafting consisted of open cut design and directional drilling plans, profiles, and cross sections. AIMS Group was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud. USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA -- Jefferson Parish Department of Water</b>          Cad Technician, created plan and profile drawings using AutoCAD from engineer's mark ups of existing water lines to add additional waterline service to Grand Isle area. Created cross sections in AutoCAD to show proposed waterline placement. AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling</p>

## **TEC Professional Services Questionnaire**

(HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition.

The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.

### **Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La – East Bank**


Technician, responsible for preliminary and final cad drafting from engineer's design of water line, valves, and fire hydrant replacement. The drafting consisted of open cut design and directional drilling plans, profiles, and cross sections. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

### **Plum Orchard and Viavant Neighborhoods Water Lines Replacement, Sewerage & Water Board of New Orleans.**

Technician, responsible for preliminary and final cad drafting from engineer's design of water line, valves, and fire hydrant replacement. The scope of the project is to replace the existing 6, 8 & 12 -inch AC and cast-iron water lines with 8-inch PVC water lines. Approximately 8,920 linear feet of water lines were replaced in the Plum Orchard neighborhood and approximately 15,372 linear feet of water lines were replaced in the Viavant neighborhood. New waterline fittings, valves and fire hydrants were provided where needed.

Due to Hurricane Katrina, many parts of the New Orleans streets were submerged due to flooding and resulting in major problems for pavement and utilities due to uneven settlement of the ground. These neighborhoods were where the Department of Public Works identified numerous water line leakages. This project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA. Estimate of Probable Construction Costs for Plum Orchard \$780,350.00 and Viavant \$3.0 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>
 <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: 1.5 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>Grand Isle Water Line Lowering, JPPW Project No. 2024-011-WR, Grand Isle, LA</b>  Engineer responsible for researching the horizontal and vertical requirements for Horizontal Directional Drilling (HDD). The firm was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud. USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA</b>  Engineer responsible for developing and reviewing cost estimates, as well as coordinating with adjacent utilities that would be crossed during construction. AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition.</p>

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The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.


### **Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La - East Bank**

Engineer responsible for identifying utilities that will be affected by the installation of a new waterline. Furthermore, tasked with designing a traffic control plan based on MUTCD standards, and providing estimates for quantities and costs. The firm was responsible for designing the new waterlines in the area surrounding the existing line on Hickory Avenue. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

### **RR048 – Florida Area & Development Group C & RR049 – Florida Area & Development Group D Roadway Improvements (N.O. Dept. of Public Works) New Orleans, LA**

Engineer responsible for preparing bid tabulations and explaining the results, including identifying any significantly unbalanced contract items. Revised the project cost estimate to incorporate unit prices for the apparent low bidder and provided a bid recommendation along with the certified bid tabulation. For this project, the firm provided Basic Engineering Services for the full depth replacement of streets including sidewalks, driveway, ADA ramps, waterline, sewer lines, and drain lines for 1 mile of roadway on multiple blocks in the areas. Bid costs was \$9,994,000.00.

## 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>
 <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: 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>Grand Isle Water Line Lowering, JPPW Project No. 2024-011-WR, Grand Isle, LA – Jefferson Parish Department of Water</b></p> <p>Provided permitting services for a waterline replacement project in the Barataria Basin between Lafitte and Grand Isle: developed permit application and figures; coordinated with regulatory agencies; coordinated with biologist for oyster lease survey.</p> <p>The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud.</p> <p>USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, LA -- Jefferson Parish Department of Water</b></p> <p>Conducted a wetland delineation along the alignment of a 5-mile-long waterline alignment in Grand Isle Louisiana. Created figures and a report based on the data collected. Provided wetland permitting services for the waterline project: assembled figures and application packets; corresponded with landowners; advised project engineers on design to minimize wetland impacts; corresponded with regulatory agencies.</p> <p>AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of</p>



## **TEC Professional Services Questionnaire**

apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition. The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a 16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.


### **Hickory Avenue Waterline Improvements – Jefferson Parish Department of Water**

Provided permitting services for a waterline replacement project in Metairie, Louisiana: developed permit application and figures; coordinated with regulatory agencies regarding highway crossing design; coordinated with railroad companies for crossing.


The firm was responsible for designing the new waterlines in the area surrounding the existing line on Hickory Avenue. The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.



## 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> <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: 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>RR048 – Florida Area &amp; Development Group C &amp; RR049 – Florida Area &amp; Development Group D Roadway Improvements (N.O. Dept. of Public Works)</b> <b>New Orleans, LA</b> AutoCAD drafting and detailing of 1 mile of roadway on multiple blocks in the areas provided Basic Engineering Services for the full depth replacement of streets including sidewalks, driveway, ADA ramps, waterline, sewer lines, and drain lines. Bid costs was \$9,994,000.00.	

## 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>
 <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: 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>Grand Isle Waterline Lowering, JPPW Project No. 2024-011-WR, Grand Isle, La</b>          Cad Technician, created plan layout drawings for the existing waterline.          The firm was responsible of preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud. USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines. Estimate of Probable Construction Costs \$38.0 Million.</p> <p><b>Grand Isle Waterline Looped System, JPPW Project No. 2023-037-WRB, Grand Isle, La</b>          Cad Technician, created plan portion of drawings and labeled using AutoCAD from engineer's mark ups of existing water lines to add additional waterline service to Grand Isle area. Assemble standard details. AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern side of Grand Isle. Total length of newly installed waterline is approximately 7 miles and consists of 8-inch and 12-inch waterlines. Open cut/trenching was adopted for installation of the new line and service line extensions where apparently feasible. Horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition.</p> <p>The Grand Isle water distribution system includes a water treatment plant that receives up to 2 MGD through a</p>

## TEC Professional Services Questionnaire

16" water main from Lafitte, LA, two elevated water towers (one at the water treatment plant and another east of Thunder Lane at Cheniere Tower), a VFD booster station near Rosethorn Lane that maintains downstream pressures around 72 psig during average and peak events, and associated piping, valves, and fire hydrants. The firm was tasked with assessing the benefits of creating a looped system for the Grand Isle water distribution network. Estimate of Probable Construction Costs \$12.9 Million.

**Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB, Jefferson Parish, La**

The preparation of Design Plans and Specifications for waterline improvements along Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks. The construction cost for this project will be approximately \$1.875M.

Created drawings and details for the project which included water line, valves, and fire hydrant replacement. The drafting consisted of open cut design and directional drilling plans, profiles, and cross sections.

## **TEC Professional Services Questionnaire**

<b>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.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Grand Isle Water Line Lowering</b> Jefferson Parish, Louisiana</p> <p>Owner's Contact: Mr. Sidney Bazley. Director, Jefferson Parish Department of Water (504-736-6742)</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Coordination of Topographic Survey Services</li> <li>✓ Conceptual Plan Alternatives preparation</li> <li>✓ Permitting Services for Joint Permit Application for Coastal Use Permit</li> <li>✓ Engineer's Opinion of Construction Cost Estimate</li> <li>✓ Construction Plan and Specifications preparation</li> <li>✓ Resident Inspection</li> <li>✓ Engineering During Construction and Construction Administration</li> </ul> <p>AIMS was responsible for preparing Design Plans and Specifications for the lowering of the potable water supply to Grand Isle, LA. The design consisted of lowering approximately 12.5 miles water line by directional drilling to ensure a minimum of 12 feet of cover, maintaining a 3 ft. clearance to all existing pipeline crossings, reconnecting and adding pipe at each valve station, and directionally drilling under Bayou Rigaud.</p> <p>USACE routinely dredges Bayou Rigaud to maintain depth for barge and ship traffic. The dredging operations have hit and damaged the waterline due to the shallow depth of the line. The waterline is designed to be directionally drilled 25 feet below the bottom of the Bayou per USACE guidelines.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Completion of design Estimated: December 2024	Estimate of Probable Construction Costs \$38.0 Million.	\$38.0 Million

## 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>	
<b>Grand Isle Waterline Improvements - Looped System</b> Grand Isle, Louisiana  Owner's Contact: Mr. Sidney Bazley. Director, Jefferson Parish Department of Water (504-736-6742)	AIMS Group was responsible for: <ul style="list-style-type: none"> <li>✓ Development of Design and Plan Preparation of Construction Documents</li> <li>✓ Development of Construction Specifications</li> <li>✓ Develop Opinion of Construction Cost Estimate</li> <li>✓ Coordination of Survey and Geotechnical Subconsultants</li> <li>✓ Permitting Services for Joint Permit Application for Coastal Use Permit</li> <li>✓ Assistance to the Owner for Public Bidding</li> <li>✓ Resident Inspection and Engineering During Construction Services</li> </ul> AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines along the northern end of Grand Isle. The new 8" waterline extends about 4.8 miles from Verely Lane to Walnut Lane. Where possible, apparent public right-of-ways and utility servitudes were selected for the alignment. Waterbody and wetlands crossings were generally avoided where possible. Due to lower construction cost, open cut/trenching was adopted for installation of the new 8" line and service line extensions where apparently feasible. Boring or horizontal directional drilling (HDD) is proposed in areas of apparent wetlands crossings; waterways (slips, canals and channels); in areas where crossing private property may be required; and in areas where significant amounts of topographic features would be impacted by trenching such as large areas of pavement or numerous driveway crossings. Topographic, hydrographic and right-of-way surveys should be obtained along the proposed alignment to confirm feasibility. Changes to the alignment may be required based on findings. A looped system is expected to improve pressures throughout much of the water distribution system. The most significant improvement in pressure is expected in the neighborhood immediately upstream of the booster station. For instance, pressures along Rosethorn Lane appear to increase from +/-20 psig to +/-52 psig for the 24-Hour Peak Flow Condition.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Completion of design Estimated: October 2024	Estimate of Probable Construction costs \$12,900,000.00.	\$12,900,000.00.

## 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>	
<b>Hickory Avenue Waterline Replacement, JPPW Project No. 2023-006A-WRB</b> Jefferson Parish, La - East Bank  Owner's Contact: Mr. Sidney Bazley. Director, Jefferson Parish Department of Water (504-736-6742)	AIMS Group was responsible for: ✓ Development of Design and Plan Preparation of Construction Documents ✓ Development of Construction Specifications ✓ Develop Opinion of Construction Cost Estimate ✓ Coordination of Survey and Geotechnical Subconsultants ✓ Permitting Services for DOTD and two Railroad Permits ✓ Assistance to the Owner for Public Bidding ✓ Resident Inspection and Engineering During Construction Services AIMS Group was responsible for the preparation of Design Plans and Specifications for design of new waterlines in the area of Hickory Ave. (Airline to Stable Dr.) consisting of replacement of 8" and 12" waterline, all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. Replacement of new waterline pipe at the existing aerial crossing at Soniat Canal. A DOTD permit is required for crossing of Airline Highway. A Railroad permit is required for jack & bore of the waterline beneath the RR tracks.	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Completion of design Estimated: October 2024	Estimate of Probable Construction Costs \$1,875,000.00.	\$1,875,000.00.

<b>PROJECT NO. 4</b>	
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>
<b>J.P.P.W. No. 2017-031-RBP: West Esplanade Avenue U-Turns</b> Jefferson Parish, LA  Owner's Contact: Neil Schneider, P.E., Director, Department of Capital Projects 504-736-6833	AIMS Group was responsible for: ✓ Coordination of Topographic Survey ✓ Coordination of Geotechnical Investigation ✓ Preliminary Design Phase ✓ Final Design Phase – Plans and Specifications ✓ Bidding Phase ✓ Engineering During Construction ✓ Resident Inspection AIMS Group prepared Plans, Specifications and Construction Documents for Public Bidding of the Construction Contract for Jefferson Parish. The project consisted of two new turn lanes geometry including U-turn lanes on West Esplanade Avenue,

## **TEC Professional Services Questionnaire**

	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. 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, curb for the Portland cement concrete pavement and curb and gutter asphalt pavement, sidewalk, driveways, ADA mandated accessibility ramps, subsurface drainage. <b>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.</b>	
<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.

<b>PROJECT NO. 5</b>	
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>
<b>Improvements to North Lester Avenue at Canal No. 5 – Jefferson Parish Public Works; Construction of a New U-Turn on West Metairie Avenue West of David Drive Metairie, LA</b>  Owner's Contact: Neil Schneider, P.E., Director, Department of Capital Projects 504-736-6833	AIMS Group was responsible for: ✓ Coordination of Topographic Survey ✓ Coordination of Geotechnical Investigation ✓ Preliminary Design Phase ✓ Final Design Phase – Plans and Specifications ✓ Bidding Phase ✓ Construction Phase ✓ Resident Inspection AIMS Group developed the design and prepared 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, including installation of new pipe culverts extending west of the existing pipe culverts. The project will include the removal of the Lester Avenue crossing of West Metairie Avenue and all incidental work. The work also included the design for construction of a retaining wall on the south side of Canal No. 5. 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. 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 W. Metairie Ave. Provided Resident Inspection Services.



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	<b>Waterline work included design for the installation of an 8-inch ductile iron water main aerial crossing across W. Metairie Canal No. 5 at Lester Ave. including corporation stop, air release valves and transition couplings. Including design of PPC pile support bents and chain link vandal resistant fencing.</b>	
<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 Completion: 2017	Construction Costs \$775,630.00.	\$775,630.00

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>RR048 – Group C &amp; RR049 Group D – Florida Area &amp; Development (FRC)</b> New Orleans, Louisiana  Owner's Contact: Patrick Hammet DPW Project Manager 504-884-7670	AIMS Group was responsible for: ✓ Design and Layout of Street Replacement for both Asphalt Concrete and Portland Cement Concrete Streets ✓ Design of Waterline, Sewer Line, and Drain Line Replacements into Street Replacement Project ✓ Design of New Curb and Handicap Ramps ✓ Construction Drawings and Specifications Preparation ✓ Engineer's Opinion of Construction Cost Estimate ✓ Engineering During Construction AIMS Group, Inc. provided Basic Engineering Services for the Florida Area & Development neighborhood. Full depth replacement of streets including sidewalks, driveway, ADA ramps, waterline, sewer lines, and drain lines. Included development of a Design Drainage Report for the Area. <b>Waterline work included design for the installation of 6-inch and 8-inch water main replacement, new valves and manholes, new fire hydrants, new water service connections, water line offsets for utility crossings, new water meters. Plug existing waterlines with flowable fill.</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Estimated Construction Completion: June 2025	Construction Costs \$9,994,100.00.	\$6,496,165.00



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<b>PROJECT NO. 7</b>	
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>
<p><b>Village De L'Est Group B (PMOPC)</b>  <b>Street Repairs and Replacement</b>  New Orleans, Louisiana</p> <p>Owner's Contact: Brian Fontaine.  DPW Project Manager  504-658-8684</p>	<p>AIMS Group was responsible for:</p> <ul style="list-style-type: none"> <li>✓ Design and Layout of Street Repair and Replacement for both Asphalt Concrete and Portland Cement Concrete Streets</li> <li>✓ Incorporate Waterline, Sewer Line, Drain Line Repairs and Replacement into Street Repair Project</li> <li>✓ Design of New Curb and Handicap Ramps</li> <li>✓ Construction Drawings and Specifications Preparation</li> <li>✓ Engineer's Opinion of Construction Cost Estimate</li> <li>✓ Resident Inspection</li> <li>✓ Engineering During Construction</li> </ul> <p>AIMS Group, Inc. provided Basic Services for the Village De L'Est Neighborhood mill and overlay with full depth patching of streets including sidewalks and ADA ramps. AIMS developed plans and specifications for the replacement of roadway pavement, sidewalk pavement, handicap ramps, and select driveway aprons. Improvements impacted approximately thirteen streets in the Village de L'Est neighborhood. <b>Segments of waterline were replaced on select streets within the limits of the project. AIMS coordinated with the New Orleans Sewerage and Water Board to incorporate waterline replacement plans into the overall plan set.</b> AIMS developed an opinion of construction cost based on the plan quantities.</p> <p>AIMS assisted NODPW during the bidding phase of the project. AIMS prepared an addendum, which included plan and specification revision, in response to questions submitted by bidders. Once all of the bids were collected, AIMS reviewed all of bid document for each bidder and composed a bid tabulation for the project. AIMS submitted the bid tabulations, along with the recommendation for the apparent low bidder, to NODPW. AIMS also assisted NODPW in answering questions from the contractor.</p> <p>AIMS provided resident inspection services during construction. A competent inspector was provided to observe and document construction progress. The inspector coordinated with the engineers, NODPW officials and the Contractor to resolve any construction concerns. AIMS prepared Field Changes and Directives to providing clarification to the Contractor of the work that was required for the change.</p>

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Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Actual Construction Completion February 2021	\$5,650,404.42	\$5,650,404.42

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Viavant Neighborhood Water Line Replacement</b> New Orleans, Louisiana  Owner's Contact: Khalid Saleh, P.E. Project Manager Sewerage and Water Board of New Orleans 504-865-0659	AIMS Group was responsible for: ✓ Design and Layout of New Waterline and Appurtenances ✓ Construction Drawings and Specifications Preparation ✓ Engineer's Opinion of Construction Cost Estimate AIMS Group, Inc. provided engineering design services for a water main replacement. AIMS Group prepared construction drawings, specifications and opinion of construction costs for the Project. The scope of the project consisted of replacing the existing 6, 8 & 12 –inch asbestos cement and cast-iron water mains with 8 and 12-inch PVC water mains. Approximately 18,000 linear feet of water main was replaced as part of the Project. Portions of the new water mains will be installed using horizontal directional drilling. New water main fittings, valves and fire hydrants will be provided where needed as part of the Project. Many neighborhood roads and streets in New Orleans were flooded during Hurricane Katrina. The flooding caused uneven settlement of the ground resulting in major problems for pavement and utilities. The Viavant Neighborhood was one of the areas where the Department of Public Works identified numerous water main leaks. The Project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Actual Design Completion July 2018	\$3 Million	\$3 Million

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<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Plum Orchard Neighborhood Water Line Replacement</b> New Orleans, Louisiana  Owner's Contact: Khalid Saleh, P.E. Project Manager Sewerage and Water Board of New Orleans 504-865-0659	AIMS Group was responsible for: ✓ Design and Layout of New Waterline and Appurtenances ✓ Construction Drawings and Specifications Preparation ✓ Engineer's Opinion of Construction Cost Estimate AIMS Group, Inc. provided engineering design services for a water main replacement project. AIMS Group prepared construction drawings, specifications and opinion of construction costs for the Project. The scope of the project consisted of replacing the existing 6 and 8-inch asbestos cement and cast-iron water mains with 8-inch PVC water mains. Approximately 13,380 linear feet of water main was replaced as part of the Project. Portions of the new water mains will be installed using open trench and horizontal directional drilling. New water main fittings, valves and fire hydrants will be provided where needed as part of the Project. Many neighborhood roads and streets in New Orleans were flooded during Hurricane Katrina. The flooding caused uneven settlement of the ground resulting in major problems for pavement and utilities. The Plum Orchard Neighborhood was one of the areas where the Department of Public Works identified numerous water main leaks. The Project was developed in accordance with FEMA guidelines and regulations such that the project costs will be reimbursed to the City of New Orleans by FEMA.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Actual Design Completion August 2018	\$5.5 Million	\$5.5 Million

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Lake Hermitage Bridge Replacement</b> Plaquemines Parish, Louisiana  Owner's Contact: Mr. Ken Dugas, P.E., Parish Engineer (504) 297-5343	AIMS Group was responsible for: ✓ Prepare Plans and Specifications ✓ Secured all Applicable Permits ✓ Oversaw an Environmental Review ✓ Managed Demolition of Old Bridge Structure ✓ Prepare Construction Cost Estimate ✓ Prepared Construction Bid Package ✓ Provided Resident Inspection ✓ Provided Bridge Rating in accordance with LDOTD Criteria AIMS Group, Inc. provided design of a 220 foot long two-lane precast concrete bridge across Bayou Hermitage. The bridge consists of pile	

## TEC Professional Services Questionnaire

	bents with PPC piles, precast concrete bent caps and precast concrete deck. A test pile program was performed. The existing timber bridge with two steel superstructure trusses was removed. <b>The existing 6-inch waterline which was attached to the existing bridge was replaced with a new 8-inch HDPE line installed by horizontal directional drilling under the Bayou.</b> The project included addition of navigational lighting on the bridge in conformance with U.S. Coast Guard requirements. Obtained Joint Use Permit from U.S. Army Corps of Engineers and Louisiana Office of Coastal Management. Also obtained U.S. Coast Guard Bridge Permit which included an environmental review in accordance with NEPA guidelines. Tasks included preparation of construction plans, specifications, construction cost estimate, coordinated project bidding, performed resident inspection and construction administration. Performed bridge rating and developed bridge rating report in accordance with LDOTD guidelines.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Construction completed September 2013	\$955,146.00	\$955,146.00

**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
3.		
4.		

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**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. From straightforward waterline design to water studies and alternative design, **AIMS** has the experience.

## TEC Professional Services Questionnaire

**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 water 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:

- **Water System Projects** – Perform design, construction administration, construction management, and alternative studies, resident inspection, that include complete rehabilitation of existing water distribution systems and lines, desalinization plants, water supply and treatment facilities, water storage facilities, 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 water resources 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 water infrastructure design projects, and has the experience to perform the duties of Principal in Charge for any water-related project. Under Tommy'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 water system 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 water systems. Mr. DeLeo has excellent knowledge and experience and has designed and managed a variety of projects very successfully. Mr. DeLeo has extensive experience with water system 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 water 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 water experience – in fact, our Senior Design Team Engineers, have over 60 years of experience and hundreds of prior successful projects including numerous water 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