

**AMENDMENT NO. 1 TO AGREEMENT
BETWEEN
ENGINEER AND OWNER
FOR
PROFESSIONAL SERVICES**

**DESCRIPTION OF ENGINEERING SERVICES AND RELATED MATTERS
for
Harahan Clean Water Program - Emergency Sewer Repairs
Lift Station No. 6 Improvements**

This is an Amendment attached to and made a part of, and incorporated by reference into the Agreement dated May 28, 2015 between The City of Harahan (OWNER) and AIMS Group, Inc. (ENGINEER) for professional services and Exhibit A to Agreement dated August 3, 2017.

Task 5.0 – Topographic Survey Services

AIMS Group shall coordinate work effort of BFM Corporation which is providing the Topographic Survey Services. The Scope of Work for BFM Corporation is attached.

Topographic Survey Services: \$26,609.00 (Lump Sum)

Any additional effort required by the ENGINEER resulting from any additional items of work requested by the City of Harahan shall require an amendment to this Agreement and an increase in fee to the ENGINEER to cover the additional services.

OWNER:



By: Tina Miceli
Title: Mayor

Date: 2/8/18

Address for giving notices

City of Harahan
6437 Jefferson Hwy
Harahan, Louisiana 70123

ENGINEER:



By: Thomas R. L'Hoste, P.E.
Title: President

Date: 2/7/18

Addresses for giving notices

AIMS Group, Inc.
4421 Zenith Street
Metairie, Louisiana 70001



RODNEY GREENUP, JR.
President

CHAD M. POCHE, P.E.
Executive Vice President

RALPH P. FONTCUBERTA, JR., PLS
Executive Vice President

STACEY L. BARR
Vice President

THOMAS GORMAN
Vice President

January 26, 2018

Harold J. DeLeo
AIMS Group, Inc.
4421 Zenith Street
Metairie, LA 70001
504.887.7045
hjd@aimsgroupinc.com

ROUTE TOPOGRAPHIC SURVEY PROPOSAL

Mr. DeLeo,

I would like to submit to you the following proposal to provide a **Route Topographic Survey** for your project located at **City of Harahan along portions of Wilson Street and Grove Avenue**. And as shown below.

Work may begin upon the receipt of an official Notice to Proceed from your office. The projected delivery time for the finished survey shall be 60 days based upon current workload. Please note that delaying a Notice to Proceed by more than 10 days may result in delivery delays. The total Lump Sum fee to perform this work shall be \$24,190.

SCOPE OF SERVICES TO BE PROVIDED

Limits of Survey: Apparent Right-of-Way line to apparent Right-of-Way line in a longitudinal direction (typical) in the areas designated Survey Limits as shown on Plan and Profile sheets 210, 211, 212 and 213 prepared by AIMS Group, Inc., dated Sep 2017 and attached below for reference.

1. Establish a baseline parallel to the street. The beginning, end and points of intersection set shall be referenced by three (3) point ties to topographic features in the area. This baseline shall also be referenced to the Louisiana State Plane Coordinate System, South Zone, NAD 1983 (2011).
2. Establish Temporary Benchmarks (TBM) at or near each area to be surveyed and approximately midway between areas to be surveyed. The vertical datum shall be referenced to N.A.V.D. 1988 (Geoid 12B).
3. Locate existing improvements within the designated **Limits of Survey**. This is to include edge of pavement, adjoining swales and culverts, fences, light standards, traffic control devices, signage, structures, pavement, and other topographic features.
4. Location of visible above ground utilities and those underground utilities with visible surface evidence. We will also obtain—when available—the record drawings from controlling agencies, and will plot the utilities based upon those maps when actual locations are not available. We will make a request to Louisiana One Call to mark the underground utilities in the project area. We are **not** responsible for errors with, or information not provided by Louisiana One Call, or the controlling agencies. Any obtained utility information shall be plotted on the survey to Quality Level D standards.
 - a. Note: Any as-built data provided by the client prior to fieldwork being completed shall be used to help locate utilities.





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Executive Vice President

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5. Determine depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. In the event the structure or pipe is filled with impassible debris, it shall be noted why the invert cannot be obtained.
6. Trees with a caliper size of 4" or greater, at 48" above grade, shall be located. When possible, the tree shall be identified by name on the final survey.
7. Cross sections taken on a 50' grid within the Limits of Survey.

PROJECT DELIVERABLES

- A. Provide **detailed indelible prints showing plan and profile views** on Architectural D (24" x 36") paper, clearly showing all the items listed above, to scale.
- B. Provide a **high-resolution PDF** of Item A above.
- C. AutoCAD drawing files in DWG format. The file versions shall be:
 - a. AutoCAD Civil 3D 2015
 - b. AutoCAD 2004
- D. Electronic deliverables shall be provided via a download link.

If geotechnical engineering or construction material inspection services are required for this project, please consider our *sister* company, Gulf South Engineering and Testing, Inc. Gulf South is DBE certified by the State of Louisiana, City of New Orleans, Sewerage and Water Board of New Orleans, and the Louis Armstrong New Orleans International Airport. Gulf South can be contacted at (504) 305-4401 or info@gulfsoutheng.com.

Respectfully Yours,


Thomas H. Gorman
Vice President

Proposal accepted, Notice to Proceed,

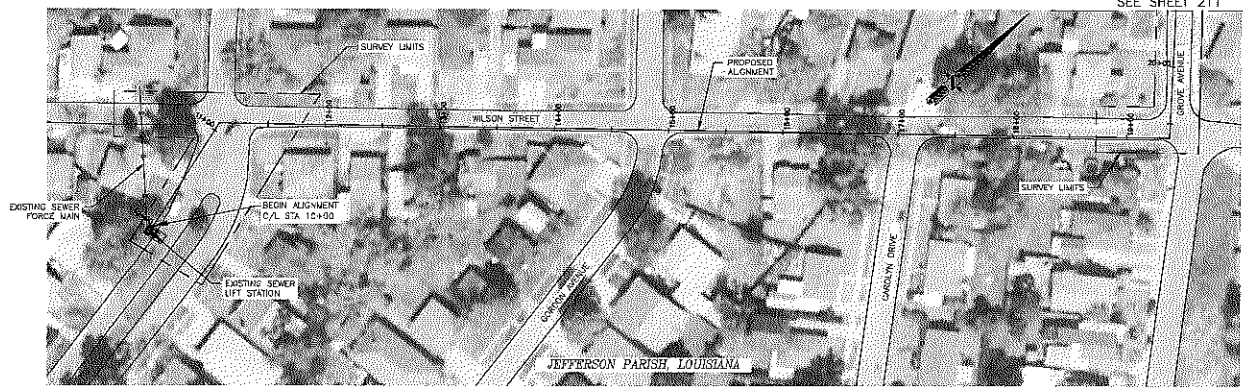
Signature

Date

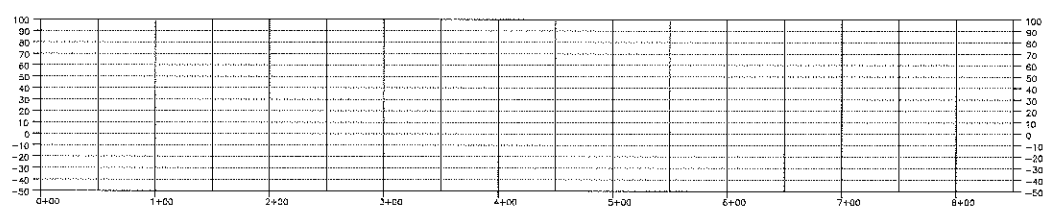
Printed Name



MATCHLINE STA. 20+50
SEE SHEET 211



PLAN
40' 0 40' 80' 160'
SCALE: 1" = 40'



PROFILE
40' 0 40' 80' 160'
SCALE: 1" = 40'

P:\2017\258 - Hasaman Sewer Program - LA Station No. 81505(1) Plan & Profile

PRELIMINARY PLANS NOT FOR CONSTRUCTION		
NO.	BY	DATE
AIMS Group, Inc. Consulting Engineers 1000 Lakeshore Drive Metairie, LA 70002 (504) 885-1100		
HASAMAN CLEAN WATER PROGRAM EMERGENCY SEWER REPAIRS LIFT STATION NO. 6 IMPROVEMENTS PLAN AND PROFILE		
PROJECT NO.		
DATE	SEP 2017	
SHEET NO.	210	