

**EXHIBIT A 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 exhibit 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.

- I. ENGINEER shall provide for OWNER under Article 1 of the Agreement, the following Basic Services in accordance with the terms and conditions of the Agreement:

The Project includes the re-routing of approximately 4,200 LF of sewer force main from the existing Harahan Sewer Lift Station No.6 to tie in beyond the existing Sewer Lift Station No. 8. Currently the proposed route is from existing Lift Station No. 6 on Roseland Parkway to Wilson St., then to Oak Ave. and tie into the existing line coming from existing Lift Station No. 8 at the intersection of Oak Ave. and 9th Street. The design shall also include provisions for temporary by-pass pumping from the existing Lift Station No. 6 wet well while the lift station is being tied-in to the new force main. The design shall include the necessary hydraulic calculations to determine the flow requirements for the force main to outfall into the Sewer Treatment Plant. The design shall determine and include any required upgrades to the pumps at Lift Station No. 6. ENGINEER shall prepare plans and specifications for sewer repairs in accordance with City of Harahan and DEQ and EPA requirements of the Clean Water State Revolving Loan Program for the possibility of funding being provided from the Loan Program if available.

Task 1.0 – Preliminary Design Phase

1. Perform onsite inspection of existing Sewer Lift Station No. 6.
2. Evaluate current lift station data to determine whether any changes to the size of the existing force main, pumps or motors is necessary.
3. Evaluate multiple routes for the new force main and choose the best option based on the evaluation.
4. Prepare an estimate of probable construction costs.

Task 2.0 – Final Design Phase

1. Prepare detailed construction plans, specifications and contract documents. The plans, specifications and contract documents are to be prepared for the project to be bid in accordance with Louisiana Public Bid Laws.
2. Prepare a detailed final estimate of probable construction costs.

Task 3.0 – Bidding Phase

1. Assist the OWNER in obtaining bids, attend bid opening, make tabulation and analysis of bids received, make recommendations and render assistance in award of contracts.
2. Prepare and distribute all necessary addenda.

Task 4.0 – Construction Phase

1. Prepare formal contract documents for the execution of the construction contract.
2. Provide a competent Project Engineer and such assistants as may be required to administer the construction contract and to observe and inspect the materials and construction procedures at the site of the work as it progresses. This shall not include the furnishing of inspection services but shall include periodic job visits as are necessary.
3. The ENGINEER is not responsible for construction means, methods, techniques, sequences of procedures, as for safety precautions and programs in connection with the work, except as may be expressly indicated in the Plans and Specifications prepared by the ENGINEER.
4. Require and review tests of materials necessary for the project.
5. Determine contract pay quantities, including necessary materials checking.
6. Verify and approve contractor's pay estimates and submit same to the OWNER.
7. Prepare progress reports for the OWNER when requested.
8. Review shop drawings and samples for conformance with the design concept of the project and for compliance with the result required in the contract documents.
9. Perform final inspection and make a recommendation for acceptance.
10. Prepare all necessary documentation required for construction change orders.

Resident Inspection shall not be considered a Basic Service. Resident Inspection shall be a Supplementary Service.

II. The time periods for the performance of ENGINEER's services are as follows:

Activities required under Task 1.0, 2.0 and 3.0 shall be to complete necessary work as outlined above. This task will be performed under a schedule that is mutually agreeable to both the OWNER and ENGINEER and shall be generally to complete plans and specifications to submit for review by the funding agency approximately four weeks after receiving Notice to Proceed from the City of Harahan. The project shall be advertised for public bidding immediately after receiving approval to advertise from the funding agency. The Construction Phase Services shall begin once the award to the lowest bidder has been approved and accepted by the City of Harahan.

III. Compensation for services of principals and employees of ENGINEER rendered pursuant to Article 1 will be on the following basis:

Fees shall be based on the Lump Sum Fee for each task provided in Exhibit B – Level of Effort. The total Fee shall be \$93,000.00. Billing shall be based on percent complete for each task of the Lump Sum amounts provided in Exhibit B – Level of Effort.

OWNER:



By: Tina Miceli
Title: Mayor

Date: 8-3-17

Address for giving notices

City of Harahan
6437 Jefferson Hwy
Harahan, Louisiana 70123

ENGINEER:



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

Date: 8/5/17

Addresses for giving notices

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

Exhibit B
Level of Effort
Harahan Clean Water Program Sewer Improvements
Emergency Improvements to Lift Station #6

Task 1.0 – Preliminary Design Phase Services provided in accordance with Exhibit A

Preliminary Design Phase: \$21,100.00 (Lump Sum)

Task 2.0 – Final Design Phase Services provided in accordance with Exhibit A

Final Design Phase: \$46,000.00 (Lump Sum)

Task 3.0 – Bidding Phase Services provided in accordance with Exhibit A

Bidding Phase: \$4,700.00 (Lump Sum)

Task 4.0 – Construction Phase Services provided in accordance with Exhibit A

Construction Phase: \$21,200.00 (Lump Sum)

Any additional effort required by the ENGINEER in accordance with Tasks 1.0 through 3.0 resulting from any additional items of work requested by the City of Harahan and in accordance with Task 4.0 performed by the Contractor through Force Account or Change Order directed and approved 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.