



A Statement of Qualifications for  
**Contract 1: Equalization Tanks or Basins**  
Lexington-Fayette Urban County Government • RFP #33-2012 • November 13, 2012



**Stantec**

Stantec Consulting Services Inc.  
1409 North Forbes Rd  
Lexington KY US 40511-2024  
Ph: (859) 422-3000



Lexington-Fayette Urban County Government  
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray  
Mayor

Jane C. Driskell  
Commissioner

**ADDENDUM #1**

RFP Number: **33-2012**

Date: November 6, 2012

Subject: **RFQ for Professional Engineering Services**

**Please address inquiries to:**  
Betty Landrum (859) 258-3320

**TO ALL PROSPECTIVE BIDDERS:**

Please be advised of the following clarifications to the above referenced RFP:

Questions	Answers
Footnote 2, page 7, paragraph 6, Selection Criteria, implies that private projects completed in accordance with the LFUCG Sanitary Sewer and Pump Station Manual and the LFUCG Stormwater Manual are equal in standing to those public projects completed under specific government contracts. Is that correct?	Each project will be evaluated on its individual merits. The proposer should use his/her discretion in selecting projects relating to the specific category that will best demonstrate the proposer's experience.
Can you provide examples of similar type projects that will be included in Category 4?	Examples of projects in Category 4 would be any type of trenchless pipeline and /or manhole rehabilitation projects, e.g., Cured In Place Pipeline Rehabilitation (CIPP), pipe bursting, sliplining, or manhole rehabilitation with various coatings or injection systems.
Do the one-page resumes for key project team members that are requested in the Project Team section count toward the specified page limit (i.e. are they to be counted in the 6 pages)?	Yes – Resumes should be one page maximum. Proposers should use their discretion in providing the information requested in six pages maximum.
From reviewing the minutes of the meeting, Mr. Martin made the statement encouraging teaming to maximize local participation. Then in answer to the first question he said that only the qualifications of the Prime would be scored. Then in answer to another question he said that relevant projects by subs would count. Since there seems to be some question here related to scoring of prime and not sub, the following question is posed.  If a firm had a local office and wanted to be prime, but wanted to subcontract with a smaller local firm for an experienced	Yes -- Scoring of the Project Manager is maximized by project experience and being located locally (locally defined as being within the Bluegrass Area Development District boundaries).

wastewater project manager, would the Prime/Team receive the points for having a local project manager?	
In the meeting minutes the answer to the first question was only the qualifications of the prime would be scored, not the subs. If a small local firm wanted to be the prime and subcontract with a larger firm to supplement their qualifications, would that preclude the small prime from receiving the benefit of having the larger firm as a sub?	No -- The intent of the evaluation process will be to identify and rank the most qualified firm or team of firms.
Does the Division of Water Quality have a list of the 82 projects, and possibly a breakdown of the projects in each category, that are anticipated to be completed with this RFQ?	Yes. See attached list titled RMP Projects. The 82 projects are those listed in the Remedial Measures Plan. There will be other projects awarded under this contract that are not listed.
Could you provide what specific items that you will require responders to submit for an affirmative action plan for the RFP #33-2012? Management in our firm considers some information proprietary, however we want to be responsive and comply with the requirements of the RFP.	Please submit your current affirmative action plan with your response and identify the pages containing proprietary information as confidential and/or proprietary. Any confidential and/or proprietary information contained in your response should be clearly identified in both hard copy and electronic versions.
A question regarding <u>Contract 4 – Pipeline, manhole, inlet, and junction chamber rehabilitation projects</u> . Does the scope of work include providing flow monitoring, smoke testing, and dye testing services?	At present, no. DWQ reserves the right to compose or revise any Scope of Work necessary to meet its needs at any time during the duration of this contract.
It would seem that to accurately compare the mean deviation of hourly rates between firms proposing, that consultants should be expected to use a standard personnel classification system for hourly rates. Does LFUCG intend to issue such a list?	Hourly Rates will no longer be considered in the evaluation process (see attached REVISED scoring sheet; however hourly rates must be submitted for the specific job classifications on the attached form that will be used at time of contract negotiation.
As an office originally founded in Lexington over 40 years ago and subsequently acquired by another out of state firm, it seems unfair that we are only entitled to a score of 3.5 or 4.0 for the “Offices status and location of employees” category. Under this scenario, a recently established prime firm with a local headquarters, small work force, and no prior experience working with LFUCG could be awarded more points than a firm founded in Lexington that has continuously served LFUCG for over 40 years. Can additional consideration be given for length of service and/or longevity of office existence in Fayette County?	No – The proposer will be able to demonstrate and score points in other categories.
Can you release the list of anticipated Remedial Measures Plan projects and their estimated costs of construction?	Yes –see attachment pdf’s (G3 RMP Implementation Plan & RMP Project Maps by Sewershed)

How will a firm be ranked if there is a joint venture?	DWQ will require that the Contract be executed with a single consultant. In the case of a team, the prime consultant must be identified and must execute the Contract. Joint Ventures will not be considered due to the contractual requirements.
George Woolwine (HDR) asked Mr. Martin to further define Category 2 and distinguish the work in Category 2 from Category 4. Mr. Martin said that Category 2 is dig and replace while Category 4 is rehabilitation for the purpose of reducing I&I (Inflow and Infiltration) in the collection system. Cole Mitcham (OBG) asked if the hourly rates within 15% were plus or minus, and if there was a prime that teamed how would we establish the mean rate?	Regarding the difference between Category Nos. 2 and 4, see the response to question No. 2 above.  Regarding the question on hourly rates, see the response to question No. 9 above.

**SPECIAL NOTE TO PROPOSER:** Please note that the Selection Criteria (attachment 2 – RFP Scoring Sheet) have been revised – hourly rates have been removed and the points assigned have been changed.



Todd Slatin, Acting Director  
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your RFP.

COMPANY: Stantec Consulting Services Inc.

ADDRESS: 1409 N. Forbes Road, Lexington, Kentucky 40511

SIGNATURE OF PROPOSER:   
Joseph J. Herman

## AFFIDAVIT

Comes the Affiant, Joseph J. Herman, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is Joseph J. Herman and he/she is the individual submitting the proposal or is the authorized representative of Stantec Consulting Services Inc., the entity submitting the proposal (hereinafter referred to as "Proposer").
  
2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the proposal is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
  
3. Proposer will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
  
4. Proposer has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
  
5. Proposer has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Proposer will not violate any provision of the campaign finance laws of the Commonwealth.
  
6. Proposer has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

**Continued on next page**

7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught.

  
\_\_\_\_\_  
Joseph J. Herman

STATE OF  Kentucky

COUNTY OF  Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me  
by  Christine M. Workman  on this the  13th  day  
of  November , 2012.

My Commission expires:  July 29, 2015

  
\_\_\_\_\_  
NOTARY PUBLIC, STATE AT LARGE

## EQUAL OPPORTUNITY AGREEMENT

### The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

*The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.*

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

*The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

\*\*\*\*\*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

### Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.*

Signature

Joseph J. Herman

Stantec Consulting Services Inc.

Name of Business

CO= L357814  
 U= L357814

**EQUAL EMPLOYMENT OPPORTUNITY  
 2011 EMPLOYER INFORMATION REPORT  
 CONSOLIDATED REPORT - TYPE 2**

**SECTION B - COMPANY IDENTIFICATION**

1. STANTEC CONSULTING SERVICES INC  
 61 COMMERCIAL STREET  
 ROCHESTER, NY 14614

2.a. STANTEC CONSULTING SERVICES INC  
 61 COMMERCIAL STREET  
 ROCHESTER, NY 14614

**SECTION C - TEST FOR FILING REQUIREMENT**

1-Y 2-Y 3-Y DUNS NO.:093657427

**SECTION D - EMPLOYMENT DATA**

JOB CATEGORIES	HISPANIC OR LATINO		NOT-HISPANIC OR LATINO										OVERALL TOTALS			
	MALE	FEMALE	WHITE	BLACK OR AFRICAN AMERICAN	NATIVE HAWAIIAN OR PACIFIC ISLANDER	ASIAN	AMERICAN INDIAN OR ALASKAN NATIVE	TWO OR MORE RACES	WHITE	BLACK OR AFRICAN AMERICAN	NATIVE HAWAIIAN OR PACIFIC ISLANDER	ASIAN		AMERICAN INDIAN OR ALASKAN NATIVE	TWO OR MORE RACES	
EXECUTIVE/SR OFFICIALS & MGRS	2	1	43	0	0	0	0	0	0	0	0	0	0	0	0	46
FIRST/MID OFFICIALS & MGRS	15	3	645	6	2	13	2	2	128	2	0	4	0	0	1	823
PROFESSIONALS	50	19	1158	25	1	88	3	11	425	7	1	41	1	6	1836	
TECHNICIANS	43	6	622	21	0	30	5	5	126	4	0	12	1	0	875	
SALES WORKERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ADMINISTRATIVE SUPPORT	3	24	39	3	1	2	0	1	293	16	1	14	0	7	404	
CRAFT WORKERS	1	0	8	0	0	0	0	0	0	0	0	0	0	0	9	
OPERATIVES	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	
LABORERS & HELPERS	1	0	40	1	0	1	0	1	1	0	0	0	0	0	45	
SERVICE WORKERS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	115	53	2558	56	4	134	10	20	973	29	2	71	2	14	4041	
PREVIOUS REPORT TOTAL	103	51	2240	46	5	125	16	19	820	31	3	78	3	12	3552	

**SECTION F - REMARKS**

DATES OF PAYROLL PERIOD: 07/15/2011 THRU 07/31/2011  
 SECTION G - CERTIFICATION

CERTIFYING OFFICIAL: JENNIE MOORE  
 EEO-1 REPORT CONTACT PERSON: JENNIE MOORE  
 EMAIL: jennie.moore@stantec.com

TITLE: HR TEAM LEAD US EAST  
 TITLE: HR TEAM LEAD US EAST  
 TELEPHONE NO: 5854135241

CERTIFIED DATE[EST]: 10/25/2011 07:10 PM



**Stantec Policies and Procedures  
Employment Regulations****10.1. Equal Employment Opportunity and Affirmative Action Program**

Stantec Consulting Services Inc. (Stantec), hereby issues a formal position statement that it is an Equal Employment Opportunity employer and will hire, train, develop and promote personnel without regard to race, color, religion, sex, national origin, marital status, disability, or veteran status. This equal employment opportunity policy applies to all employment practices, benefits, training programs, performance evaluation programs, company programs and practices, and all other terms, conditions and privileges of employment. Stantec will do its best to make reasonable accommodations for known disabilities.

It is the policy of this company to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, or national origin.

All members of Stantec's staff who have supervisory, hiring and promotional authority have been advised of this policy. Staff members who are authorized to hire, supervise, promote and discharge employees, or who recommend such actions, or who are substantially involved in such actions, will be made fully cognizant of, and will implement, our equal employment opportunity policy and contractual responsibilities. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

- 1) Periodic meetings of supervisory employees will be conducted before the start of work and then once every six months at which time our equal employment opportunity policy and its implementation will be reviewed and explained.
- 2) All new supervisory employees will be made aware of our equal employment opportunity regulations within thirty days following their reporting to work.

Stantec will inform all employees, prospective employees, and potential sources of employees of our firm's equal employment opportunity policy by the following specifications.

- 1) Place notices and posters setting forth the firm's equal employment opportunity policy in areas readily accessible to employees, applicants for employment, and potential employees.
- 2) Utilize employee meetings, employee handbooks, etc., to inform all employees of the firm's EEO policies and procedures to implement this policy.

If, after analyzing our firm's present employment composition, and based on this analysis it is found that minority group members are under-utilized in the work force, the following appropriate actions will be taken:

## **Stantec Policies and Procedures**

### **Employment Regulations**

- 1) Stantec will include in all advertisements for employment the notation: "An Equal Opportunity Employer." We will insert all such advertisements in newspapers, or other publications, having a large circulation among minority groups.
- 2) Stantec will conduct a systematic and direct recruitment effort through public and private employee referral sources likely to yield qualified minority group applications.
- 3) Stantec will encourage present employees to refer minority group applicants for employment by posting appropriate notices of such or by verbal communication with staff through staff meetings, etc.

To ensure that all personnel actions, including wages paid, working conditions, employee benefits, and all personnel actions of every type are being administered in a non-discriminatory manner, Stantec will:

- 1) Conduct periodic inspections of working sites to ensure that working conditions and employee facilities do not include discriminatory treatment.
- 2) Periodically evaluate the spread of wages paid within each classification to determine any evidence of discrimination in wage practices.
- 3) Periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, we will promptly take corrective action.
- 4) Investigate all complaints of alleged discrimination made to us in connection with our obligation under any contracts, attempt to resolve such complaints, and take appropriate corrective action.

Stantec will have no discrimination in training and promotional opportunities and accordingly will:

- 1) Advise employees and applicants for employment of available training programs and entrance requirements for each.
- 2) Periodically review the training and promotional potential of minority group employees and will encourage eligible employees to apply for such training and promotion.

In the event that Stantec utilizes subcontractors, we will:

- 1) Use our best efforts to utilize minority group subcontractors or subcontractors with meaningful minority group representation among their employees.
- 2) Use our best efforts to assure subcontractor's compliance with their equal employment opportunity obligations.

All of our staff is advised to be aware of the above stated policy. All prospective and new employees will be so advised in that:

- 1) The policy is contained in all employment advertisements.
- 2) The policy is fully stated in our employee policies and procedures book.

## **10.2. Pre-Employment**

At such time Stantec extends an offer of employment, the offer will be conditional upon successful completion of a pre-employment drug screen and background check. The offer letter will clearly state that the completion of these screens is required and results received before the potential candidate begins employment with FMSM.

## **10.3. Employment Eligibility Verification**

Stantec is required by the U.S. Department of Justice to examine evidence of identify and employment eligibility within three (3) business days of employment. Employees must present original documents. The Employment Eligibility Verification (I-9) form will be presented to the employee on his first date of hire. Failure to provide the necessary documentation in a timely manner may result in suspension of employment.

## **10.4. Sexual, Racial and Other Harassment in the Work Place**

Stantec is committed to providing a work environment for its employees, which is free from physical, psychological or verbal harassment of any kind including sexual and racial harassment.

Harassment includes any form of verbal or physical behavior which is unsolicited, unwelcome or interferes with an individual's work performance, or which creates an offensive work environment. This principle applies to race, color, religion, national origin, age, physical or mental handicap, and particular emphasis is placed on this definition as it applies to sexual and racial harassment.

Sexual harassment includes unwelcome sexual advances, requests for sexual favors, verbal abuse of a sexual nature, graphic verbal comments about a person's body, physical touching, sexual advances and propositions, sexually degrading words used to describe an individual, and the display in the work place of sexually suggestive objects or pictures. It also includes any threat or suggestion that a person's refusal to submit to a sexual advance will adversely affect the person's employment or career development.

Racial harassment includes any offensive racial conduct.

Any employee, who believes that he or she is the object of harassment, or who has knowledge of any harassment of any other employee, should immediately report it to a member of the

## **Stantec Policies and Procedures Employment Regulations**

Management Team or Human Resources. A prompt, strictly confidential investigation will be conducted of any reported harassment and when appropriate, disciplinary action will be taken. Stantec will retain confidential documentation of all allegations and investigation.

Stantec considers harassment to be a major offense, which can result in disciplinary action, up to and including termination. Your support is essential if we are to maintain a positive and productive work environment, free of all such harassment.



**LFUCG MBE/WBE PARTICIPATION FORM**  
**Bid/RFP/Quote Reference # 33-2012**

The MBE/WBE subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately.

<b>MBE/WBE Company, Name, Address, Phone, Email</b>	<b>Work to be Performed</b>	<b>Total Dollar Value of the Work</b>	<b>% Value of Total Contract</b>
1. Integrated Engineers, PLLC 1716 Sharkey Way, Suite 200 Lexington, KY 40509	Field Surveying, kia and permitting	TBD	At least 10%
2.			
3.			
4.			

The undersigned company representative submits the above list of MBE/WBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Stantec Consulting Services Inc.

**Company**

November 13, 2012

**Date**

**Company Representative**

Joseph J. Herman  
Principal

**Title**



**MBE QUOTE SUMMARY FORM**  
 Bid/RFP/Quote Reference # 33-2012

The undersigned acknowledges that the minority subcontractors listed on this form did submit a quote to participate on this project.

Company Name Stantec Consulting Services Inc.	Contact Person Joseph J. Herman
Address/Phone/Email 1409 N. Forbes Road Lexington, Kentucky 40511	RFP Package / RFP Date #33-2012

MBE/WBE Company Address	Contact Person	Contact Information (work phone, Email, cell)	Date Contacted	Services to be performed	Method of Communication (email, phone, meeting, ad, event etc)	Total dollars \$\$ Do Not Leave Blank (Attach Documentation)	MBE * AA HA AS NA Female
Integrated Engineers, PLLC 1716 Sharkey Way, Suite 200 Lexington, KY 40509	Harsha Wijesiri, PE	Harsha@int-engineering.com 859-368-0145 859-351-9748	10/22/12 (Office) (Cell)	Field Surveying, KIA and permitting	Email/ phone/in-person	TBD (10% of contract)	MBE

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Stantec Consulting Services Inc.

Company

November 13, 2012

Date

Company Representative

Joseph J. Herman  
Principal

Title

Firm Submitting Proposal: Stantec Consulting Services Inc.

Complete Address: 1409 N. Forbes Road, Lexington, Kentucky 40511  
Street City Zip

Contact Name: Joseph J. Herman Title: Principal

Telephone Number: (859) 422-3000 Fax Number: (859) 422-3100

Email address: joe.herman@stantec.com

## GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, *29 U.S.C. 650 et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or



attempted to bribe an officer or employee of the LFUCG.

9. Additional Information: While not necessary, the Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

#### A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.

- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
- (a) Failure to perform the contract according to its terms, conditions and specifications;
  - (b) Failure to make delivery within the time specified or according to a delivery schedule fixed by the contract;
  - (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
  - (d) Failure to diligently advance the work under a contract for construction services;
  - (e) The filing of a bankruptcy petition by or against the contractor; or
  - (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

#### B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.

15. Authority to do Business: The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must be signed by a duly authorized officer, agent or employee of the Respondent.
16. Governing Law: This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. Ability to Meet Obligations: Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.

  
\_\_\_\_\_  
Signature Joseph J. Herman

November 13, 2012  
\_\_\_\_\_  
Date



**Stantec Consulting Services Inc.**

1409 North Forbes Road  
Lexington KY 40511-2050  
Tel: (859) 422-3000  
Fax: (859) 422-3100

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**Stantec**

November 13, 2012

Lexington-Fayette Urban County Government  
Room 338, Government Center  
200 E. Main Street  
Lexington, Kentucky 40507

**Attention: Mr. Todd Slatin, Acting Purchasing Director**

**Reference: RFQ for Professional Engineering Services (RFP #33-2012)  
Contract 1 Equalization Tanks or Basins**

Dear Mr. Slatin:

**Stantec Consulting Services Inc. (Stantec)** is pleased to submit our Statement of Qualifications for Contract 1 (Equalization Tanks or Basins) in the referenced RFP. Stantec has a proven track record providing professional engineering services to LFUCG and employs a local staff of approximately 180 professionals in our two Lexington offices.

Joining the Stantec Team are **Burgess & Niple (B&N)** and **Integrated Engineering, PLLC (IE)**. B&N is located in Louisville (Kentucky) and has successfully teamed with Stantec on two recent wet weather equalization basins (totaling 111 million gallons) for the Louisville and Jefferson County Metropolitan Sewer District (Louisville MSD). IE is a Lexington-based, Minority Owned Business Enterprise (MBE) and is currently teamed with Stantec on LFUCG's Capacity Assurance Program, along with several other municipal infrastructure projects for Louisville MSD and Sanitation District No. 1 (SD#1).

Highlights of the Stantec Team include:

- A local Principal-in-Charge who will ensure that you will receive the service that LFUCG has come to expect from working with Stantec;
- A Project Manager with recent experience in award-winning equalization basin design and experience in other storage options who can provide best-value solutions for your equalization needs;
- Extensive experience regionally, nationally, and internationally in designing equalization facilities - Stantec has completed over 400 storage tanks and averages about 10 each year;
- Unparalleled knowledge of your Consent Decree and a proven track record of meeting stringent Consent Decree deadlines;
- Nationally-recognized, in-house local geotechnical expertise, including drilling operations and a federal/state-certified soils laboratory located in Lexington;
- A local MBE with the in-house capabilities to maximize Stantec's ability to meet LFUCG's DBE procurement goals on each individual task order;
- Demonstrated fiscal responsibility on LFUCG projects, including completion of the largest sanitary sewer assessment LFUCG has ever undertaken at \$114,000 under budget without a single change order.

Thank you for the opportunity to submit this Statement of Qualifications.

Sincerely,

**STANTEC CONSULTING SERVICES INC.**

Joe Herman, PE – Principal-in-Charge

Tel: (859) 422-3043 / Fax: (859) 422-3100 / Joe.Herman@stantec.com



*In Kentucky, Stantec recently designed a 20 MG equalization basin for Louisville MSD, as well as provided geotechnical engineering services for two other MSD basins (totaling 111 MG) – all within the last 5 years.*

*In Ohio, Stantec has designed four (4) wet weather equalization facilities in the last 5 years.*

*Collectively, Stantec Team members assigned to this Contract have provided a substantial contribution to ten (10) different equalization basins/tanks in the last 5 years.*

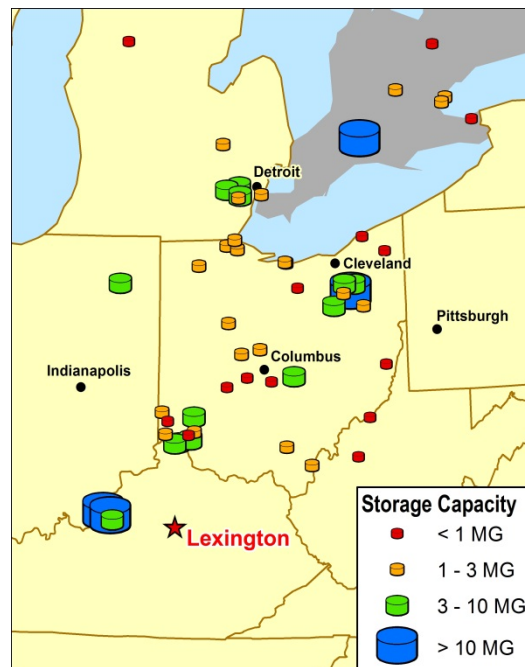
*The Stantec Team's equalization basin/tank project experience in the region is shown in the figure to the right.*

## Firm Qualifications

**Stantec Consulting Services Inc. (Stantec)** is a multi-disciplinary firm with a proven track record providing quality stormwater and wastewater services to LFUCG for over 20 years. Nationally, Stantec employs approximately 11,000 professionals in over 170 offices. Locally, Stantec employs approximately 180 professionals in two Lexington offices. (A figure showing our office locations is provided on the inside cover.)

Stantec has led several of LFUCG's Consent Decree projects and understands the importance of anticipating potential pitfalls, strict adherence to project schedules, and adopting a "no excuses" approach. Stantec also served in a meaningful role on the development of the three Remedial Measures Plans and recognizes LFUCG's goal to identify and capitalize on opportunities to reduce overall Plan costs.

Joining the Stantec Team are **Burgess & Niple (B&N)** and **Integrated Engineering, PLLC (IE)**. B&N is located in Louisville (Kentucky) and has successfully teamed with Stantec on two recent equalization basins (totaling 111 million gallons) for the Louisville and Jefferson County Metropolitan Sewer District (Louisville MSD). IE is a Lexington-based, Minority Owned Business Enterprise (MBE) and is currently teamed with Stantec on LFUCG's Capacity Assurance Program, and several other infrastructure projects for Louisville MSD and Sanitation District No. 1 (SD#1).



*Figure 2.1. Stantec Team Wet Weather Equalization Projects*

Our Team has extensive experience in the design and construction administration of wastewater storage facilities. Our equalization/tank projects have earned seven engineering awards for their innovation. A map illustrating the locations of our Team's wastewater storage projects is presented in **Figure 2.1**. A summary of those tanks / basins greater than a 2.25 million gallon storage capacity is presented in **Table 2.1**. Detailed descriptions of many of these projects are included in Section 5.

*Stantec is a recognized leader in geotechnical engineering in the region.*

*Our Lexington office includes:*

- *Over 30 licensed geotechnical engineers and professional geologists;*
- *A federal/state certified soils and rock testing laboratory; and*
- *Headquarters for our drilling equipment fleet.*

Subsurface conditions are a critical element in the design and cost of wet weather equalization tanks and basins. Rock depths and soil bearing strengths dictate the foundation type, floor slab thicknesses, and whether a tank should be constructed underground or above ground. Recent presentations by Knoxville Utilities Board and The Crom Corporation cited geotechnical considerations as being paramount to establishing a realistic construction schedule and early recognition of project costs.

Stantec has nationally recognized, in-house geotechnical expertise and maintains geotechnical service contracts with the U.S. Army Corps of Engineers, Kentucky Transportation Cabinet, Marathon Petroleum Company, and the Tennessee Valley Authority. Locally, Stantec employs over 30 licensed geotechnical engineers and professional geologists and operates a federal/state-certified soil and rock testing laboratory. Our fleet of drilling rig equipment is also headquartered in Lexington. With over 45 years providing geotechnical engineering services in the Lexington area, we have a strong understanding of local subsurface conditions and are frequently retained as a regional expert on karst conditions. We'll bring our extensive knowledge of local geology and geotechnical expertise to this project and look for cost-saving innovations in the foundation design.

**Table 2.1. Stantec Team Wastewater Equalization Projects**

Equalization Basin or Tank	Storage Volume (MG)
Louisville MSD Buechel Basin, KY	106.0
Akron Water Pollution Control Station Basin, OH	20.0
Louisville MSD Guthrie Basin, KY	19.8
Dingman Creek Storage Facility, London, Ontario	17.9
Charlotte Co. Regional Reuse, Storage, and Wet Weather Disposal System, FL	12.0
CSO Storage Tunnel Engineering Assessment and Design, Ottawa, Ontario	11.4
Sugar Bush Mountain Above Ground Equalization Tank, VT	10.0
Akron Wet Weather Tank Renovations, OH	9.5
Clermont County Lower East Fork WWTP Equalization Design, OH	8.4
Middle Rouge Equalization Basin, Canton/Northville/Plymouth Townships, MI	7.8
Gold Bar WWTP Enhanced Primary Treatment Tank, Edmonton, Alberta	5.7
Lower Rouge Pump Station and Equalization Basin, Canton/Northville/Plymouth Townships, MI	5.5
Louisville MSD Fairmount Road SSO Storage Basin, KY	5.3
Buckeye Lake WWTP Tank, OH	5.0
Sandy Hill Underground Storage Tank and Surface Storage, Ottawa, Ontario	4.6
Adams-Robinson Equalization Basin, Lebanon, OH	4.6

Equalization Basin or Tank	Storage Volume (MG)
Goodyear Rack 2 Basin, Akron, OH	3.9
Cincinnati MSD SSO #700 Two-Year Storage Facility, OH	3.6
WWTP Improvements (Twin Equalization Tanks), Orrville, OH	3.6
Wet Weather Storage Tank, Wayne, MI	3.1
River Road SSO Elimination Equalization Tank, Toledo, OH	3.0
Wet Weather Flow Storage, Genessee Co., MI	3.0
Wastewater Resuse Storage Facility, Huachuca City, AZ	3.0
WWTP Flow Equalization Basin, Columbia City, IN	3.0
O'Connor Combined Sewer EQ Storage, Ottawa, Ontario	3.0
Louisville MSD WWTP Flow Equalization Basin, KY	2.8
WWTP Flow Equalization Basin, Napoleon, OH	2.5
Rebecca Street Wastewater Storage Tank, Oakville, Ontario	2.4
Plum Brook Pump Station and Equalization Basin, Erie County., OH	2.4
Sawmill Creek WWTP Equalization Basin, Erie County, OH	2.4
Southwest Equalization Tank, Oakville, ON	2.3
Combined Sewer Separation Equalization Basin, Wayne, MI	2.3



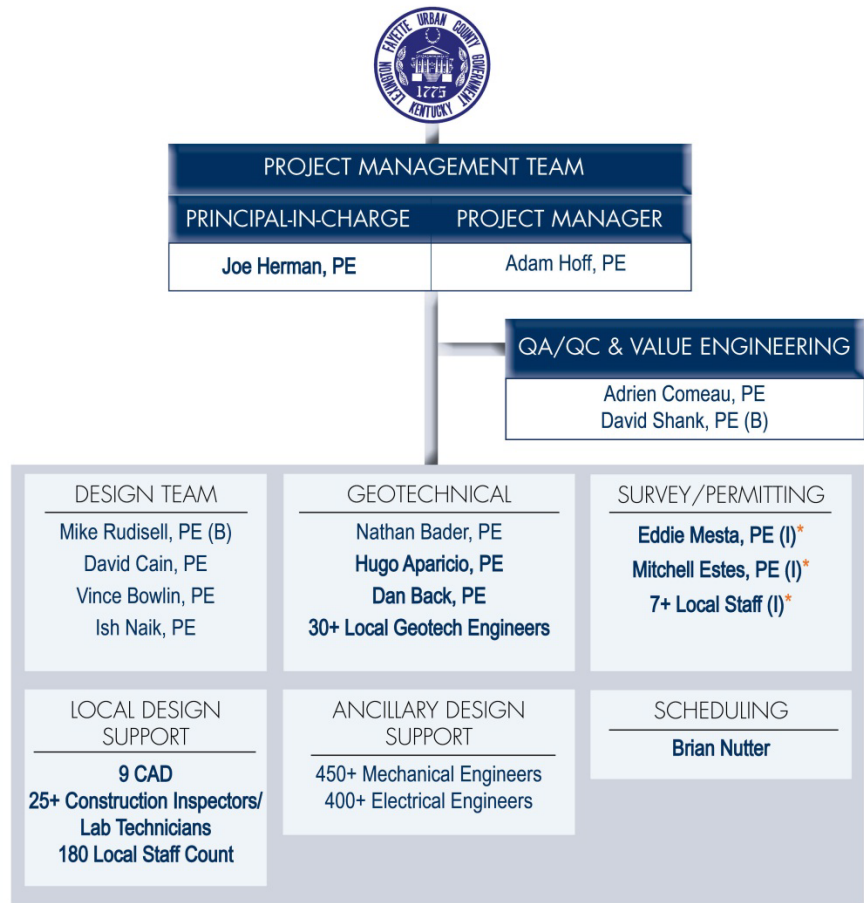
# Project Team

Stantec has assembled a Team of technical experts in equalization storage design from the region, with heavy local support to ensure that LFUCG continues to receive the same timely and responsive service that you've come to expect from Stantec's Lexington offices.

An organizational chart identifying key members of the Stantec Team is presented in **Figure 3.1**.

Stantec's Team includes a strong bench of Equalization Facility design experts from within the region that is back-stopped with additional local geotechnical expertise, civil engineers, support staff, and an experienced MBE partner.

In recognition of LFUCG's goal to capitalize on smart opportunities to reduce overall RMP implementation costs, our Team includes veteran engineers responsible for independently reviewing preliminary designs and performing a **Value Engineering** review.



**LEGEND**  
 (B) - Burgess & Niple  
 (I) - Integrated Engineering (MBE)  
 \* Indicates MBE  
**Bold indicates local**

Our Project Management Team includes a Project Manager with extensive equalization storage experience that includes three similar projects within the last 5 years. Stantec's Project Manager will serve as the technical expert on the project and manage the design effort. A second member of our Project Management Team, the Principal-In-Charge, will assist the Project Manager by providing local responsiveness, familiarity with LFUCG's Consent Decree objectives and protocols, and directing local resources as necessary.



## Adam Hoff, PE

*Role: Project Manager*

*Firm: Stantec*

*Years Experience: 22*

*Education:*

*B.S. Civil Engineering,  
Ohio Northern University,  
1990*

*Office Location:*

*Toledo, Ohio*

**Adam Hoff, PE** will serve as your **Project Manager**. Mr. Hoff is located in Stantec's Toledo (Ohio) and brings a wealth of wet weather equalization storage experience. His recent project experience (last 5 years) includes:

- *River Road Equalization Basin - Toledo, OH (2008)*. A 3.0 MG wastewater storage tank and associated pump stations that are located below an existing City park and designed to eliminate chronic sanitary sewer overflows (SSOs).
- *WWTP Equalization Basin - Napoleon, Ohio (2010)*. A 2.5 MG open-air, concrete wet weather flow equalization tank located in a floodplain area adjacent to the WWTP. Ohio ACEC Honor Award Winner.
- *CSO 012 Sewer Separation and Storage – Cincinnati, Ohio (Ongoing)*. Design of an approximately 4.5 MG in-line storage system to facilitate combined sewer separation.

Mr. Hoff's experience in the design of varying equalization storage options provides him with a solid understanding of the strengths, limitations, and design considerations of each type. He'll bring this experience to the design of the Remedial Measures Plan storage tanks and provide critical insight into potentially cost-saving storage alternatives.



## Joe Herman, PE

*Role: Principal-In-Charge*

*Firm: Stantec*

*Years Experience: 17*

*Education:*

*B.S. Civil Engineering,  
University of Kentucky, 1994*

*M.S. Civil Engineering,  
University of Kentucky, 1995*

*Office Location:*

*Lexington, KY*

**Joe Herman, PE** will serve as the **Principal-In-Charge**. Mr. Herman has a proven track record executing LFUCG stormwater and wastewater projects. Recently, Mr. Herman led LFUCG's Sanitary Sewer Assessments (SSAs) and is currently managing LFUCG's Capacity Assurance Program. He also served in a meaningful role in the development of LFUCG's Remedial Measures Plan (RMP). Mr. Herman was specifically selected to serve on this project because of his hands-on management approach, local knowledge, and understanding of LFUCG's RMP and Consent Decree objectives. In his role as Principal-In-Charge, Mr. Herman will support the Project Manager by providing local responsiveness, project oversight and coordination of local resources. Mr. Herman's involvement will minimize the learning curve of local issues by the design team and ensure that LFUCG continues to receive the same excellent service that they have come to expect from Stantec.



## Mike Rudisell, PE

*Role: Design Team*

*Firm: B&N*

*Years Experience: 15*

*Education:*

*B.S. Civil Engineering, Ohio  
University, 1997*

*M.S. Civil Engineering, Ohio  
University, 1999*

*Office Location:*

*Louisville, KY*

**Mike Rudisell, PE; David Cain, PE; Vince Bowlin, PE; and Ish Naik, PE** will serve on the **Design Team**. Collectively, these key members have had a substantial contribution on twenty (20) equalization storage facilities.

**Mr. Rudisell, PE** is a Project Manager with B&N in Louisville, Kentucky. Mr. Rudisell has design experience with all of the anticipated tasks on this project, including storage basin design, washdown systems, odor control, on-site piping, instrumentation and controls, diversion structures, and pump station design. Recently, he completed the design of the 106 MG Buechel Equalization Basin for Louisville MSD. Mr. Rudisell is also leading the design for B&N on the 5.6 MG Fairmount Equalization Basin for Louisville MSD. Outside of Kentucky, he served on the design team for a new 3.0 MG WWTP Flow Equalization Basin (City of Columbia, Indiana); a structural





### David Cain, PE

*Role: Design Team*

*Firm: Stantec*

*Years Experience: 25*

*Education:*

**B.S. Civil Engineering,  
University of Kentucky, 1981**

*Office Location:*

**Louisville, KY**

evaluation for the Adams-Robinson Equalization Basin (Lancaster, Ohio); and design of an overflow return sewer to divert flow to existing equalization basin (Orville, Ohio). All of Mr. Rudisell's above experience occurred in the last 5 years.

**Mr. Cain, PE** recently joined Stantec in our Louisville, Kentucky office. Mr. Cain has over 25 years design in the design of water and wastewater infrastructure facilities. Mr. Cain is a welcome addition to Stantec and the Design Team and offers specialized experience in the design of Crom tanks, having designed six (6) Crom tanks ranging in size from 1 MG to 20.6 MG. Mr. Cain equalization tank experience also includes the design of five (5) concrete tanks (not Crom) for water treatment and wastewater facilities ranging in size from 2 MG to 10 MG. In addition to his equalization tank experience, Mr. Cain has extensive project experience in the design of gravity sewers, force mains, and pumping stations.

**Mr. Bowlin, PE** is located in Stantec's Louisville, Kentucky office. Prior to joining Stantec, Mr. Bowlin worked more than 25 years with Louisville MSD and retired as the Deputy Chief Engineer. In his tenure at MSD, he served as the North County Area Team Leader, and was responsible for all aspects of planning, designing and constructing wastewater and stormwater capital improvement projects. Based on his first-hand experience with MSD, Mr. Bowlin brings a strong understanding of wastewater operation and maintenance considerations. At Stantec, Mr. Bowlin recently completed the design of an approximately 20 MG wet weather equalization tank at MSD's Derek Guthrie (formerly West County) Wastewater Treatment Plant. This open-air equalization basin was constructed in 2011 and included a process water flushing system. The basin is an essential part of MSD's overall wet weather compliance program.



### Vince Bowlin, PE

*Role: Design Team*

*Firm: Stantec*

*Years Experience: 25*

*Education:*

**B.S. Civil Engineering,  
Purdue University, 1985**

*Office Location:*

**Louisville, KY**

**Mr. Naik, PE** is a Civil Engineer located in Stantec's Ann Arbor, Michigan office. Mr. Naik provided a substantial contribution to the design of three (3) wastewater equalization basins in southern Michigan. The Lower Rouge Pump Station and Equalization Basin consisted of an approximately 5.5 MG concrete storage tank and 35 MGD pump station. The Middle Rouge Pump Station and Equalization Basin included 7.8 MG concrete storage tank and an 84 MGD pump station. For the City of Wayne, Mr. Naik designed an equalization basin in conjunction with a combined sewer separation project that included a 2.3 MG concrete tank with a 10 MGD pump station.



### Ish Naik, PE

*Role: Design Team*

*Firm: Stantec*

*Years Experience: 40*

*Education:*

**B.S. Civil Engineering,  
University of Baroda, 1967**

*Office Location:*

**Ann Arbor, MI**

**Nathan Bader, PE; Hugo Aparicio, PE; and Dan Back, PE** will lead the **Geotechnical Engineering Team**. Supporting the team are over 30 licensed geotechnical engineers and professional geologists, as well as a certified laboratory and fleet of drilling equipment, conveniently located in Stantec's Lexington office.

**Mr. Bader, PE** is located in Stantec's Louisville, Kentucky office. Mr. Bader will provide technical support to the Lexington-based Geotechnical Engineering Team members. Mr. Bader has recent geotechnical experience (within last 5 years) on the Buechel (106 MG), Guthrie WWTP



### Nathan Bader, PE

*Role: Geotechnical Team*

*Firm: Stantec*

*Years Experience: 13*

*Education:*

*B.S. Civil Engineering,  
University of Louisville, 1999*

*M.S. Civil Engineering,  
University of Louisville, 1999*

*Office Location:  
Louisville, KY*

(19.8 MG), and Fairmount (5.6 MG) equalization basin for Louisville MSD. The Buechel basin included a portion (approximately 5 MG) that involved construction of a concrete storage tank that required excavation of approximately 28 feet of bedrock. Despite the challenging site conditions, Stantec's geotechnical expertise was able to assist B&N in developing an innovative design that resulted in a construction cost for the basin of approximately \$16 million, or \$0.15 per gallon.

**Mr. Aparicio, PE** is located in Stantec's Lexington, Kentucky office. Mr. Aparicio has over 35 years of experience performing subsurface explorations and foundation designs in Lexington. He is a recognized expert in karst geology and is often retained to evaluate and design treatments when encountered on proposed project sites. Mr. Aparicio has a strong understanding of Lexington's geology. Mr. Aparicio routinely develops designs for foundations for above ground and below ground structures.



### Hugo Aparicio, PE

*Role: Geotechnical Team*

*Firm: Stantec*

*Years Experience: 36*

*Education:*

*B.S. Civil Engineering,  
University of Kentucky, 1973*

*M.S. Civil Engineering,  
University of Kentucky, 1976*

*Office Location:  
Lexington, KY*

**Mr. Back, PE** is a licensed, Professional Structural Engineer and Professional Engineer located in Stantec's Lexington, Kentucky office. Mr. Back has designed numerous concrete structures and developed foundation designs on numerous projects ranging from storage tanks to concrete gravity dams. It is anticipated that several of the equalization basins identified in the RMP will be concrete tanks. Mr. Back's structural and geotechnical expertise will provide the Design Team with solid foundation system recommendations and allow recognition of options that may provide opportunities to reduce overall project construction costs.

**Eddie Mesta, PE** is a Project Manager located in IE's Lexington, Kentucky office. Mr. Mesta will lead the IE team responsible for **Field Surveying and Permitting**. Depending on the degree of field surveying and permitting, it is anticipated that IE will also be responsible for providing the technical and administrative assistance to LFUCG necessary to fulfill the required obligations under Kentucky Infrastructure Authority (KIA) funded projects. Mr. Mesta has design and permitting experience on stormwater and wastewater projects for LFUCG. He is familiar with LFUCG's field surveying and permitting requirements, having provided similar services on the Lexington Mall Sanitary Sewer Relocation, Bob O'Link Trunk Replacement, and Cardinal Lane Sanitary and Storm Improvements.



### Dan Back, PE

*Role: Geotechnical Team*

*Firm: Stantec*

*Years Experience: 34*

*Education:*

*B.S. Civil Engineering,  
University of Kentucky, 1976*

*M.S. Civil Engineering,  
Cornell University, 1979*

*Office Location:  
Lexington, KY*

**Mitchell Estes, PLS** is a Professional Land Surveyor located in IE's Lexington, Kentucky office. Mr. Estes brings 22 years of land surveying experience to the Project Team. He has experience in construction staking for roadways, subdivisions, and land development and has completed numerous boundary and topographic surveys.

**Brian Nutter** is a Project Controls Specialist in Stantec's Lexington, Kentucky office. Mr. Nutter will be responsible for preparing and updating the project **schedule** to support LFUCG's RMP Consultant. Mr. Nutter has a strong background in Primavera cost and resource loaded scheduling, Critical Path Management (CPM), and Earned Value Management System



### Eddie Mesta, PE

*Role: Field Surveying and Permitting*

*Firm: IE*

*Years Experience: 17*

*Education:  
B.S. Civil Engineering,  
University of Kentucky, 1995*

*Office Location:  
Lexington, KY*

(EVMS). Prior to joining Stantec, Mr. Nutter providing similar project scheduling services for the United States Coast Guard and the National Aeronautics and Space Administration (NASA). The addition of Mr. Nutter to the project team will ensure that project deadlines and critical path items are effectively reported to LFUCG's RMP Consultant.

**Adrien Comeau** and **Richard Shank** will serve on our **QA/QC and Value Engineering Team**. In this role, they will provide high-level QA/QC of proposed designs and independently evaluate opportunities to reduce overall project construction costs (value engineering). Stantec specifically included a QA/QC and Value Engineering Team in response to LFUCG's goal to identify opportunities to reduce overall RMP implementation costs, while still providing 2-year level of protection and meeting Consent Decree obligations.



### Mitchell Estes, PLS

*Role: Field Surveying*

*Firm: IE*

*Years Experience: 22*

*Education:  
B.A. University Studies  
(Mathematics),  
Morehead State  
University, 1985*

*Office Location:  
Lexington, KY*

Mr. Comeau and Mr. Shank were specifically selected because of their prior experience providing independent project reviews and wet weather equalization tank experience.

**Mr. Comeau, PE** is a Practice Leader for Stantec and co-led the design of the Sandy Hill Combined Surface and Underground Wastewater Storage Tank for the City of Ottawa. This project was completed in 2007 and garnered the Project of the Year Award by the American Public Works Association, along with four (4) other engineering awards.

**Mr. Shank, PE** is the Regional Director of Utility Infrastructure for B&N and is located in their Louisville, Kentucky office. Mr. Shank provides QA/QC on B&N's equalization tank projects, including the recent Buechel and Fairmount Equalization Basins for Louisville MSD.



### Brian Nutter

*Role: Scheduling*

*Firm: Stantec*

*Years Experience: 12*

*Education:  
B.S. Electrical Engineering,  
US Coast Guard Academy,  
2000*

*Office Location:  
Lexington, KY*

While Mr. Comeau's and Mr. Shank's time investment on this project is not anticipated to be lengthy, their veteran experience/insight will be important in identifying and capitalizing on potential value engineering opportunities.

Rounding out the Stantec Team are 25 Construction Inspectors and Materials Testing Laboratory staff, 30+ geotechnical engineers and professional geologists, nine (9) CAD Technicians, and other support staff located in Stantec's Lexington office.

## Risk Management Plan

### Adrien Comeau, PE

*Role: QA/QC and Value Engineering*

*Firm: Stantec*

*Years Experience: 23*

*Education:*

*B.S. Civil Engineering,  
University of Nova Scotia,  
1988*

*M.S. Civil Engineering,  
University of Ottawa, 1992*

*Office Location:*

*Ottawa, Ontario*

Stantec's organization chart includes a deep roster in each position, allowing for minimal disruption to design activities should a member of the Team become unavailable or win the lottery. Each of the four members of the Design Team has served as the Project Manager on equalization facility projects. Should the Project Manager leave the project team, one of the Design Team could easily step into that role.

Locally, Stantec employs over 180 professionals providing us with additional depth should it be necessary. Corporate-wide, Stantec employs over 11,000 professionals covering a wide range of technical expertise that can be called upon to meet any project challenge or emergency. B&N and IE bring a staff of over 600 professionals in the region.

Stantec also boasts a voluntary turnover rate that is less than the industry standard. Our commitment to our people and professional work atmosphere promotes high staff retention.

Finally, our management style includes a team-based approach that promotes cross-training amongst our staff. Stantec Project Managers are responsible for training and mentoring junior staff to provide growth opportunities (also key to staff retention) and provide sustainable succession planning. We can't work forever, but our legacies can!

For proof of Stantec's team-based approach, LFUCG merely needs to look to the Group 1 and Group 2 & 3 Sanitary Sewer Assessment projects. On these projects, Stantec utilized a team-based approach in which Joe Herman, Bret Lavey, and Jason Maxwell worked interchangeably. This three-year effort involved numerous instances when Mr. Herman was unavailable in which Mr. Lavey and Mr. Maxwell led monthly progress meetings, prepared project invoices, provided technical direction, and managed daily field activities.

### Richard Shank, PE

*Role: QA/QC and Value Engineering*

*Firm: B&N*

*Years Experience: 34*

*Education:*

*B.S. Civil Engineering,  
Ohio Northern University,  
1977*

*M.S. Sanitary Engineering,  
Georgia Tech, 1979*

*M.B.A. in Finance, Georgia  
State University, 1983*

*Office Location:*

*Louisville, KY*

Stantec's Design Team boasts a deep roster of experienced individuals, along with a combined staff of over 11,000 professional, including over 180 persons in Lexington.

This coupled with our low turnover rate and commitment to cross-training and succession planning ensures that project deadlines and quality expectations are met in the event any member of the Team becomes unexpectedly unavailable.



Table 4.1 includes contact reference information for all of the **Equalization Basin/Tank** projects summarized in Section 5.

## Clients

Table 4.1 contains client contact information for all of the equalization basin/tank projects summarized in Section 5.

Table 4.1. Client Contact Information

Louisville and Jefferson County Metropolitan Sewer District		
Name:	Phone:	e-mail:
Vickie Coombs	502.450.6131	coombs@msdlouky.org
Project(s): <i>Guthrie WQTC Equalization Basin</i>		
Name:	Phone:	e-mail:
Brad Selch	502-540-6614	brad.selch@louisvillemSD.org
Project(s): <i>Buechel Basin Wastewater Storage Facility</i>		
Name:	Phone:	e-mail:
Christian Miller II	502-540-6000	christian.miller@louisvillemSD.org
Project(s): <i>Fairmount Road Pump Station Storage Basin</i>		
Metropolitan Sewer District of Greater Cincinnati (MSDGC)		
Name:	Phone:	e-mail:
David Russell	513.557.5937	David.Russell@cincinnati-oh.gov
Project(s): <i>CSO 012 Sewer Separation and Storage – Phase A</i>		
City of Napoleon, Ohio		
Name:	Phone:	e-mail:
Chad Luffs	419.592.4010	cluffs@napoleonohio.com
Project(s): <i>WWTP Equalization Basin and Associated Facilities</i>		
City of Toledo, Ohio		
Name:	Phone:	e-mail:
Scott Sibley	419.245.1315	scott.sibley@toledo.oh.gov
Project(s): <i>River Road SSO Elimination</i>		
Name:	Phone:	e-mail:
Julie Cousino	419.936.3671	Julie.cousino@toledo.oh.gov
Project(s): <i>Toledo Waterways Initiative – Ayers/Monroe Conveyance/Storage</i>		
City of Ottawa, Ontario		
Name:	Phone:	e-mail:
Darryl Shurb	613.580.2424 x16204	darryl.shurb@ottawa.ca
Project(s): <i>Sandy Hill Combined Surface Storage and Underground Storage Tank</i>		
Western Townships Utilities Authority, Michigan		
Name:	Phone:	e-mail:
Aaron Sprague	734.453.2793	Aaron@wtua.org
Project(s): <i>Lower Rouge Pump Station and Equalization Basin (5.5 MG), Middle Rouge Pump Station and Equalization Basin (7.8 MG)</i>		



*The River Road Equalization Basin included a concrete tank located below a public park in Toledo, Ohio. The project is part of the City remedial measures capital program to meet the requirements of their EPA Consent Decree.*



*The Equalization Basin in Napoleon, Ohio was located in the 100-year floodplain for the Maumee River and designed to prevent floatation and resist hydraulic uplift forces.*

## Similar Projects

The Stantec Team has relevant project experience in the design of equalization facilities and the associated pumping and diversion infrastructure. The following descriptions provide a partial summary of those equalization facilities where a key member of the Project Team (identified in the organizational chart in Section 3) provided a substantive contribution to the project.

### River Road SSO Elimination Equalization Facility, Toledo, Ohio.

Stantec performed the engineering design and construction administration for a **3.0 MG** equalization basin and two associated pump stations (3 MGD submersible and 5 MGD suction lift). Project was completed to eliminate chronic SSOs in accordance with the City's EPA Consent Decree. A unique challenge of this project was that both the equalization basin and pumping station were located in an existing City park. The City did not want to sacrifice the recreational benefits of the park, so the facilities were designed to be completely below finished grade, allowing a little league baseball field to be reconstructed in the grassed area above the new basin. The basin was constructed in **2008** at a cost of **\$3.2M**.

**WWTP Upgrade and Equalization Basin, Napoleon, Ohio.** Stantec designed a **2.5 MG** equalization basin, 30 MGD screw pump facility, 10 MGD UV disinfection facility and a 15 MGD final effluent pumping facility. The facility was located within the 100-year floodplain for the Maumee River and a jurisdictional wetland area. Stantec designed the equalization basin to prevent flotation and resist hydraulic uplift during severe river flood events, as well as provided permitting/wetland mitigation services. Other design elements included flushing gates for cleaning, as well as overflow weirs and baffles that allow the basin to provide primary treatment prior to disinfection. The basin was constructed in **2010** at a cost of **\$7.0M**. Project won an ACEC Honor Award.

### CSO 012 Sewer Separation and Storage (Phase A), Cincinnati, Ohio.

Stantec was retained by the Metropolitan Sewer District of Greater Cincinnati (MSDGC) to perform a comprehensive evaluation to reduce combined sewer overflows (CSO) through a mixture of sewer separation, in-line and off-line storage, and volume reductions through green infrastructure. Following evaluation, Stantec developed the detailed design of proposed improvements that includes an integrated conveyance and storage system. Phase A includes approximately 3,200 linear feet of 10-foot to 12-foot square conduit, a 2.4 MG basin, and over 2,000 linear feet of surface drainage and sanitary sewer. The system provides approximately **4.5 MG** of storage and provides the backbone for a 76 MG typical year CSO reduction at project build out. Phase A will begin construction in early **2013** and is anticipated to be completed by 2016 at an estimated cost of **\$20.6M**.



*In 2010, B&N designed a 106 MG Equalization Basin for Louisville MSD. Stantec provided geotechnical engineering services on the basin.*



*In 2011, Stantec designed the 20 MG Equalization Basin at the Guthrie WWTP*



*In 2007, Stantec designed a 4.4 MG below and above ground CSO storage facility for the City of Ottawa, Ontario that earned APWA's Project of the Year. The facility, located in Sandy Hill Park, was designed to maintain the character of the neighborhood by preserving community recreation and green space.*

**Buechel Equalization Basin, Louisville, Kentucky.** The Stantec Team provided complete design and construction administration services for three interconnected wet weather storage basins with a combined storage volume of approximately **106 MG** (5 MG, 13 MG, and 88 MG). The two larger basins consisted of 8-foot tall earthen dikes, cut depths of up to approximately 14 feet, with a clay liner. The 5 MG concrete tank was set approximately 28 feet deep into bedrock. B&N performed the design with Stantec serving as the geotechnical consultant. The project is currently under construction and is anticipated to be completed in **2014** at a cost of **\$16M**.

**Guthrie WQTC Equalization Basin, Louisville, Kentucky.** Stantec designed an approximately **20 MG** open-air equalization basin at the Derek R. Guthrie (formerly West County) Water Quality Treatment Center. The basin was designed for Louisville MSD and is an important component of their overall wet weather management strategy. The project site was restricted on all four sides – by the existing treatment plant, an existing 78-inch sewer, a railroad, and jurisdictional wetlands. In addition to the basin design, Stantec performed the geotechnical exploration and was responsible for design support during construction. Highlights of Stantec's equalization basin include: vegetated sides, a concrete channel, a process water flushing system, providing maintenance access into the basin, and relocation of 1,000 feet of an existing 20-inch force main and other utilities. The project was completed in **2011** at a construction cost of **\$1.7M**.

**Ayers/Monroe Conveyance/Storage Facility, Toledo, Ohio.** Stantec designed a linear storage wet weather facility consisting of nearly 3,000 linear feet of 108-inch reinforced concrete pipe (at a maximum depth of 40 feet) that provided 1.1 MG of wet weather flow storage. Design also included cast-in-place concrete access structures, overflow screening and flow regulation to the downstream interceptor. The design allows dry weather flow to continue to flow to the existing sanitary sewer interceptor and diverts excess wet weather flows to the 108-inch linear storage facility. The linear storage drains back to the sanitary sewer interceptor at the downstream end by means of an adjustable gate structure, providing the City with flexibility in controlling the rate at which the storage is drained. This **\$6.6M** project is currently under construction and is anticipated to be completed in the Spring of 2013. The design was completed in **2011**.

**Sandy Hill Park Surface and Underground Storage, Ottawa, Ontario.** Stantec designed an underground storage facility for excess combined sewer flows and surface storage of separate stormwater flows. The diversion chamber from the main trunk sewer is equipped with a bending weir to divert flows in excess of a 2-year storm to the underground storage tank located 20 to 35 feet below a park. The underground tank has a storage volume of approximately 3.3 MG. The surface storage area provides approximately 1.1 MG of storage; combined storage of the facility is **4.4 MG**. The project was designed in **2007** and constructed in 2009 for **\$15M** and won multiple awards including APWA's Project of the Year.



Stantec has maintained a Lexington office since 1966 and currently employs 180 professionals in two offices located within close proximity (< 1 mile) of the Government Center and DWQ's office on Lisle Industrial Avenue.

Any additional design team members and support services not identified in the Organizational Chart (Section 3) will be staffed as-needed by Stantec's 180-person local staff, which includes 76 professional engineers and EITs.

## Local Office

Stantec (formerly FMSM Engineers and ENTRAN) has maintained a local office in Lexington since 1966. Stantec has two Lexington offices, one at 1409 North Forbes Road and the other at 400 East Vine Street. Stantec's Forbes Road and Vine Street offices have a staff of approximately 120 persons and 60 persons, respectively. Both offices are within close proximity (< 1 mile) of the LFUCG's offices at the Government Center and Phoenix Building and the Division of Water Quality's office on Lisle Industrial Avenue.

The Forbes Road office serves as the headquarters for Stantec's South Region which includes our other offices in: Kentucky, Tennessee, Georgia, North Carolina, Missouri, and Louisiana. Additionally, the Forbes Road office serves as Stantec's U.S. corporate headquarters for our Geotechnical Practice Area.

Integrated Engineers, PLLC maintains a local office at 1716 Sharkey Way (Suite 200). Established in 2006, the office has a staff count of 7 professionals and is the corporate headquarters.

Table 6.1 summarizes the information requested in Attachment 1 of your RFP.

Table 6.1. Local Office Project Team Members.

Prime Consultant Stantec	Location	Date Office Established	Total Number of Employees	No. of Employees Expected to Work on DWQ Project
Headquarters	Edmonton, Alberta	1954	11,000	As Needed
Local Office	Lexington, Kentucky	1966	180	As Needed
PM Location	Toledo, Ohio			
<b>Subconsultant Name: Burgess &amp; Niple</b>				
Service Provided: Design Services				
Headquarters:	Columbus, Ohio	1912	377	1
Local Office:	Louisville, Kentucky	1986	16	4
<b>Subconsultant Name: Integrated Engineering</b>				
Service Provided: Surveying, Permitting, KIA Coordination, Design Services				
Headquarters/ Local Office:	Lexington, Kentucky	2006	7	6





Stantec has partnered with Integrated Engineers, PLLC to meet LFUCG's procurement goal of 10% for this Contract.

Stantec and IE have successfully partnered on several other projects for LFUCG, Louisville MSD, SD#1, and the Tennessee Valley Authority.

## Disadvantaged Business Enterprise (DBE)

Stantec recognizes LFUCG's commitment to utilizing Disadvantaged Business Enterprises (DBE), where appropriate, on engineering projects. To support this goal, Stantec has partnered with **Integrated Engineers, PLLC (IE)** on this project. IE is a local, certified Minority-Owned Business Enterprise (MBE).

IE was selected for the team based on their past experience providing professional services on LFUCG wastewater and storm projects, similar corporate culture of quality and professionalism, and our proven track record working together on other projects. Stantec and IE are currently teamed on LFUCG's Capacity Assurance Program, as well as several other projects for Louisville MSD, Sanitation District No. 1, and the Tennessee Valley Authority.

Stantec has a long standing history of meeting or exceeding LFUCG's DBE procurement goals on your projects. Stantec is committed to assigning at least 10% of the work associated with this Contract to IE.

It is anticipated that Stantec will meet this goal through IE's role providing field surveying, permitting, and Kentucky Infrastructure Authority (KIA) reporting/assistance. Should the work associated with these assignments not total 10%, Stantec will assign additional work to IE to ensure that LFUCG's procurement goals are met. IE has several engineers on staff who are experienced in wastewater infrastructure design and can assist in the design of the diversion sewers and pumping station or provide quality assurance/quality control reviews of design deliverables, if needed.

Lastly, IE is headquartered in Lexington approximately 1 mile from Stantec's Forbes Road office and DWQ's office on Lisle Industrial Avenue. This close proximity provides convenient access of the project team to meet/coordinate during design and allows us to be responsive to you and your project needs both during design and construction.



## Hourly Rates

A schedule of Stantec's hourly rates and anticipated reimbursable expenses is presented in Table 8.1. It is understood that projects authorized under this Contract will be assigned based on a negotiated fee basis and will use the rates provided in the table below. It is further understood that hourly rates will be in effect for authorized task orders with opportunity for escalation only every three years.

Stantec has a proven track record of fiscal responsibility on LFUCG projects and routinely completes our assignments at or below the allocated budget. On the Group 1 SSA, Stantec completed this \$5.2 million dollar project without any change orders and over \$110,000 below budget. Our commitment to fiscal responsibility provides LFUCG with assurance that Task Orders will be negotiated fairly and LFUCG will not be inundated with unwarranted and time consuming change order requests.

*Stantec has a proven track record of fiscal responsibility on LFUCG projects, successfully completing the \$5.2M Group 1 SSA more than \$110K under budget and consistently completing our RMP task order assignments below the allocated amount.*

**Table 8.1. Hourly Rate Schedule**

Job Classification	Hourly Rate
Principal-In-Charge	\$160.00 / hour
Project Manager	\$160.00 / hour
Senior Project Engineer (PE)	\$125.00 / hour
Project Engineer (EIT)	\$100.00 / hour
Engineering Technician / CAD Technician	\$75.00 / hour
Two-Person Survey Crew (Party Chief & Instrument Person)	\$160.00 / hour
One-Person Survey Crew (Party Chief & GPS/Robotic Equipment)	\$125.00 / hour
Professional Land Surveyor	\$110.00 / hour
Clerical	\$60.00 / hour
Mileage	\$0.56 / mile
Other Direct Expenses	Actual Cost