



Stantec

Stantec Consulting Services Inc.

3 Columbia Circle
Albany, New York 12203
Tel: (518) 452-4358
Fax: (518) 452-9234

May 25, 2012

Mr. Timothy W. Wales, PE
City Engineer
474 Broadway
Saratoga Springs, NY 12866

**Reference: Revised Proposal for Engineering Services(5/25/2012rmd)
Adams Street Pump Station
Hydraulic Analysis Related to Increased Flows from NYRA
City of Saratoga Springs, Saratoga County, NY**

Dear: Mr. Wales:

At your request, Stantec Consulting Services, Inc. (Stantec) is pleased to offer a proposal for engineering services in conjunction with the above referenced project. Stantec's services have been outlined in Exhibit A of this proposal.

The project generally consists of a hydraulic analysis of the Adams Street Pump Station and subsequently providing recommendations for modification of the Adams Street sewage pumping station due to increased flows and surcharge issues attributed to the recent changes NYRA has made to its sewage system in the race track.

This project will involve coordinating information and evaluating alternatives with both the City and NYRA. To minimize costs to all, Stantec suggests that an overall budget be established but that tasks as described in Exhibit A be billed as time and material charges. The estimated budget fee will not be exceeded without your prior authorization and approval. Compensation for Work beyond the Scope of Services will be negotiated with you prior to us performing this work. The project budget is estimated to be **\$21,800**.

The City of Saratoga Springs will be billed monthly based upon the work completed. It is agreed that compensation for services provided is not contingent upon any approvals. .

We are prepared to start our services as soon as we receive an executed agreement between City of Saratoga Springs, NY and Stantec Consulting Services, Inc. and your notice to proceed.

May 25, 2012

Revised Proposal for study of Adams Street Sewage Pumping Station

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This proposal, Exhibit A and the Professional Services Terms and Conditions, represents an understanding between The City of Saratoga Springs and Stantec Consulting Services, Inc. in respect to the project and may only be modified in writing and signed by both parties. If it satisfactorily sets forth your understanding of our agreement, we would appreciate your response in writing, in addition to notice to proceed with the execution of an "Agreement between the City of Saratoga Springs, NY and Stantec Consulting Services, Inc."

We thank you for the opportunity to provide professional services to the City of Saratoga Springs for this project. If you have any questions or require any additional information, please feel free to contact me.

Sincerely,

STANTEC CONSULTING SERVICES INC.



Bruce H. Secor, PE
Senior Civil Engineer
Tel: (518) 452-4358
Fax: (518) 452-9234
bruce.secor@stantec.com



R. Mark Dempf, PE
Senior Principal
Tel: (518) 452-4358
Fax: (518) 452-9234
mark.dempf@Stantec.com

Attachment: Professional Services Terms and Conditions

EXHIBIT A

**Revised Proposal for Engineering Services
Adams Street Pump Station
Hydraulic Analysis Related to increased NYRA Discharges
City of Saratoga Springs, Saratoga County, NY**

A. GENERAL

This proposal identifies the professional services to be provided by Stantec Consulting Services, Inc. to the City of Saratoga Springs to prepare a report for the Adams Street Sewage Pumping Station. This report will analyze current flows to the station including the increased flows and surcharge issues attributed to the recent changes to the sanitary facilities in the NYRA race track facility. The report will also provide recommendations for measures to address these increased flows and surcharges.

B. DESCRIPTION OF PROFESSIONAL SERVICES

The professional services to be provided by Stantec Consulting Services, Inc. are as follows:

Task 1 Document Review (NYRA Facilities)

Stantec will review As-Built documents of the newly constructed facilities at the NYRA race track grounds that are being attributed to the increased flows and surcharge issues at the Adams Street Pump Station. Stantec will review with the city the NYRA discharge points to the city's system to ensure full understanding of the potential peak flows.

Task 2 Data Collection, Pump Station Flow Tests and Analysis

Stantec will coordinate efforts with City staff and NYRA to collect data on current flows in the gravity sanitary sewer collection system contributory to the Adams Street pumping station. This will include pump station flow tests to collect data for use in developing a revised system head curve. Stantec will analyze collected data and chart the revised system head curve for low flow and high flow conditions. Stantec will revise the existing design report to incorporate newly collected data.

Task 3 Develop Alternatives / Consider Options

Stantec will develop alternatives for consideration based upon the facilities review and flow test results. Stantec will meet and coordinate with the city in selecting a preferred alternative and assist in coordination with NYRA regarding any requests or directives for alteration of their existing facilities.

Task 4 Flygt Coordination / Recommendations

Stantec will provide Flygt with the revised system head curve information and coordinate the request for revised pump recommendations based on the new information.

Task 5 Summary Report / Preliminary Cost Estimates

Stantec will prepare an engineering summary report and a preliminary opinion of probable costs for modification of the Adams Street Pump Station based on the new Flygt pump recommendations and other findings to date.

Task 6 Meetings with City and NYRA to discuss report and options

Stantec will assist the City to with meetings with NYRA (and NYRA consulting Engineering firm if needed) to review the report, discuss options and explore alternatives.

C. ASSUMPTIONS / CLARIFICATIONS

1. It is assumed that no permits or regulatory approvals will be required for modifications to the pumping station. However coordination / review with NYSDEC and Saratoga County Sewer District may be needed.
2. If primary treatment (clarification), flow mitigation and/or additional detention volume is found to be necessary, additional discussions between Stantec, the City and NYRA will be required to determine the most cost effective solutions. The designs of offsite facilities are not included in this proposal.
3. Recent construction work in areas around the Adams Street pumping station have provided information on soil types and depth to ground water. No geotechnical investigations are anticipated to be required for this study. If geotechnical information is need for final design of the selected alternative, a cost estimate can be prepare when details for those services has been established.
4. Budget estimates for final design of a selected alternative, preparation of bidding documents, assistance in bidding process, field survey, construction layout, Highway Work permits, Health Department approvals, record drawings and record survey will be included in cost estimating.
5. Archaeological study and report is not anticipated nor included in this proposal.
6. Costs associated with environmental remediation of existing contaminated soils are not included in this proposal.