

WARREN COUNTY SEWER COMMITTEE MEETING

Tuesday, March 2, 2010

9:30 am

AGENDA

CALL TO ORDER.....Chairman Dan Belden

APPROVAL OF MINUTES (previously completed).....Chairman Dan Belden

NEW BUSINESS.....Chairman Dan Belden

Page #

1 Transfer Ownership, Hague SD #2.....Bill Lamy

5 Financial Summary of Sewer Project.....Bill Lamy

7 (R) EWA C.T. Male- Bolton Project.....Bill Lamy

OLD BUSINESS.....Chairman Dan Belden

13 Referrals.....Bill Lamy

PRIVILEGE OF THE FLOOR.....Chairman Dan Belden

ADJOURNMENT.....Chairman Dan Belden

Town of Hague

Sewer Improvements – Contract # 3
CHA Project 10096-8050

Punch List – 11/23/09

The following items are listed for correction and completion under the terms of the contract:

1. Provide Generator spare parts to Town (bulbs, fuses, filters)
2. Provide Pump station parts to Town (bulbs, fuses, etc)
3. Valve keys and curb stop keys need to be turned over to the Town.
4. Quick Connect at Lakeshore Pump Station needs to be DIP and on a 90° bend.
5. Manhole at end of Island Harbor Road needs gaskets replaced
6. Manhole at end of Birch Point needs quick connect and pipe stands installed.
7. Areas around manholes at tennis court and FP field need to be graded, seeded and mulched.
8. All curb stops to be at grade or slightly 1"-2" below grade.
9. Bolt all pipe stands in manholes with Hilti's driven / attached to the manhole floor.

**CERTIFICATION OF PROJECT COMPLETION
NEW YORK CLEAN WATER STATE REVOLVING FUND (CWSRF)**

CWSRF Project Number: CS-5564-03-00

Municipality: Town of Hague

County: Warren County

Name of Project: Town of Hague Sewer District No. 2 Wastewater Collection and Conveyance System

Location: Along NYS Route 9N in the Town of Hague, NY.

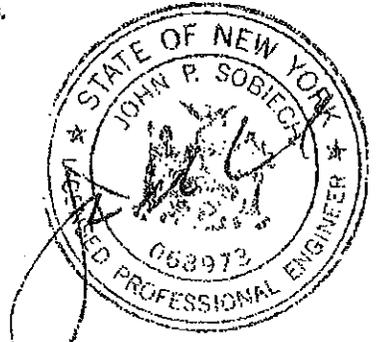
Project Description: The project included the installation of approximately 26,000 linear feet of low pressure sewers, along with laterals to the edge of public right of way, grinder pumps, main pump station, manholes, and site restoration.

Construction of the above project must be under the supervision of a person or firm licensed to practice professional engineering in the State of New York, as required under the Education Law.

The person or firm supervising the above project must file a Certification of Project Completion within 30 days after completion of construction with the New York State Environmental Facilities Corporation, 625 Broadway, Albany, New York 12207-2997.

Contract Title:	Construction Start Date:	Construction Completion Date:
<u>Contract 3 - General Construction</u>	<u>Oct 31, 2008</u>	<u>Dec 1, 2009</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Pursuant to Section 6 NYCRR 649.7(f) to the CWSRF Regulations, I certify that the construction of the above project including environmental mitigating measures, if any, was completed in accordance with the approved plans and specification or approved amendments thereto and was under the supervision of a professional engineer licensed in New York State.



(Signature and Seal of Supervising Engineer)

12/02/09
(Date)

Name of Engineering Firm: CHA - LLP

Address: 3 Winners Circle, P.O. Box 5269
Albany, NY 12205

In the event the Town and/or District should stop the project or refuse to allow the Waste Water Collection Facilities to be constructed, installed and/or otherwise completed, or if after the Waste Water Collection Facilities shall have been completed the Town and/or District should not operate the Waste Water Collection Facilities for its useful life, the Town and/or District will agree to be liable for any costs sustained by the County by reason thereof.

- C. The Town and/or District shall also allow the placement of any signs concerning the construction of the Waste Water Collection Facilities deemed appropriate and/or necessary by the County, State and Federal Governments or their respective agencies.
- D. The Town and/or District agrees to assist the County and/or its engineer with permit applications and the securing of any necessary easements so that the Waste Water Collection Facilities may be constructed, installed and/or otherwise completed in an expeditious manner and in accordance with the time schedules established by the County and its engineer. With regard to the foregoing, the County shall arrange, through its engineer, to prepare any permit applications that may be necessary for execution by Town and/or District Officials. The Town and/or District shall be responsible for taking all actions, taking all administrative and legal proceedings to secure easements deemed necessary by the County for construction, installation and/or otherwise completion of the Waste Water Collection Facilities. The County shall provide the technical easement description that is needed as well as the draft agreement, deeds and/or other documents needed to secure the same.

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- E. Upon completion of construction and certification by Clough, Harbour & Associates LLP that the Waste Water Collection Facilities are completed in accordance with the approved plans and specifications and the certification has been filed with the NYSDEC, the EFC and the USEPA, Town and/or District will assume one hundred percent (100%) ownership of all the new equipment and appurtenances that have been added to the Waste Water Collection Facilities and will be responsible for one hundred percent (100%) of the operation and maintenance of the Waste Water

Collection Facilities by reason of this agreement including any and all costs associated therewith, including, but not limited to that related to repairs, maintenance, use, liability and any other costs or expenses of any kind or nature, except nothing contained herein shall be deemed to limit or prevent the Town and/or District from seeking any recovery that may be legally had against any third party other than the County. Town and/or District ownership, operation and maintenance shall be in compliance with the requirement, if any, of the previously completed SEQRA Review and any and all requirements of laws, rules regulations and permits, if any, of the United States, New York State and/or agencies thereof, including, but not limited to, the requirements imposed by reason of the receipt of grant and/or funding from the State and/or Federal Government, including, but not limited to the USEPA Grant. The Town and/or District shall, at the time recommended by its Insurance Carrier, or at times requested by the County, whichever is earlier, obtain and maintain liability, property, boiler and machinery and pollution insurance covering the Waste Water Collection Facilities and real property acquired in connection therewith. The County shall not be responsible for costs, expenses, liabilities, claims, fines or amounts of any kind or nature arising out of a future shutdown (after the same is completed and certified as completed by the engineer) of the Waste Water Collection Facilities or the inability of the same to accept and/or process Waste Water.

- F. The Town and/or District specifically agrees that its agents or employees have or shall possess the experience, knowledge and character necessary to qualify the individuals for the particular duties that they perform or will perform in the operation and maintenance of the Waste Water Collection Facilities during and after completion of the Waste Water Collection Facilities .
- G. The Town and/or District agrees that it shall be responsible for all damages to persons or property arising from any act or negligence performed by or on behalf of the Town and/or District, its officers, agents, servants or employees, contractors,

LGB SEWER PROJECT
COST SUMMARY
February 23, 2010

LEGAL, FISCAL, ADMIN			
Local Share			2,222,222.22
NYS Grant Charges			
Clough, Harbour EIS	981,734.80		
Maps	207.00		
Legal	13,331.90		
Subtotal Prior Costs	995,273.70		995,273.70
Admin (93-96)			58,956.17
Admin (96-12/31/2009)			629,836.21
Legal			45,187.44
Total Local Share Costs			1,729,253.52
USEPA Grant Funds			20,000,000.00
BOLTON WWTP			
Engineering	CT Male		160,800.00
Contract 1-GENERAL	Jett Industries		1,248,000.00
Change orders-General			278,962.01
Contract 2-Electrical	Trojan Hardware		66,940.00
Change Orders-Electrical			33,560.46
SUBTOTAL			1,788,262.47
LAKE GEORGE WWTP			
Engineering	CT Male		135,930.04
Contract 1-General	Jett Industries		777,375.00
Change Orders-General			177,427.24
Contract 2-Electrical	H R Clune		42,500.00
Change Orders-Electrical			42,938.87
SUBTOTAL			1,176,171.15
HAGUE WWTP&COLLECT			
Engineering	Clough, Harbour		1,227,098.92
Legal, Fiscal, Admin			
Land Acquisition			61,549.47
Inspection (Town Employee)			8,352.33
Contract 1-Collection	AP Reale		3,422,610.00
Change orders-1		\$	243,939.50
Wastewater Treatment Plant			
Dodd Hill Road Pump Station	Jett Industries		
Contract 2-General	Jett Industries	\$	2,842,000.00
Change Orders-2G		\$	297,864.62
Contract 2-HVAC	R F Gordon	\$	172,500.00
Change Orders-2HVAC		\$	162,438.72
Contract 2-Plumbing	R F Gordon		81,500.00
Change Orders-2Plumb			187.78
Contract 2-Electric	Bayview Electric		274,000.00
Change Orders 2-Electric			216,112.51
Equipment			99,262.05
Niagara Mohawk 3 Phase			69,129.39
Contingency			0.00
SUBTOTAL			9,178,545.29

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LGB SEWER PROJECT
COST SUMMARY
February 23, 2010

QUEENSBURY			
Engineering-original	O'Brien & Gere	462,241.70	
SEQRA 2001	O'Brien & Gere	110,215.06	
Subtotal		572,456.76	
LAKE GEORGE (T) PUMPS			
BOLTON Pump Station		473,010.94	
		322,920.66	
PHASE 2			
BOLTON Grant Funds	693/2005,697/2006	1,827,000.00	
Bolton Engineering	CT Male	234,000.00	
	CT Male EWA	67,000.00	
	CT Male EWA	10,000.00	
Bolton Construction	Lash Construction	494,345.12	
	Wm Keller	203,957.24	
	HR Clune Electric	80,885.17	
	Phoenix Electric	58,447.00	
	Wm Keller	333,147.00	
	Phoenix Electric	35,447.00	
Construction \$\$ Spent		1,517,228.53	
Bolton Remaining Funds			309,771.53
Lake George Grant Funds	693/2005,697/2006	1,880,200.00	
Lake George(V) Engineering	CT Male	172,200.00	
Lake George(V)Construction	CFI	1,045,480.00	
	Stilsing Electric	78,332.00	
	Triangle Electric	101,903.00	
	Over&Under	472,000.00	
Construction \$\$ Spent		1,869,915.00	
Hague Grant Funds	USEPA	3,160,000.00	
Hague EFC Loan	NYSEFC to County	2,463,015.00	
HAGUE TOTAL FUNDS		5,623,015.00	
Hague Engineering	Clough Harbour	760,302.73	
Hague Construction	AP Reale	4,517,973.00	4,978,490.00
Hague Total Cost		5,278,275.73	
Loan Reduction for Hague			344,739.27

RESOLUTION REQUEST FORM NO. 20

MISCELLANEOUS*

DEPARTMENT NAME: DPW-Warren County Sewer Project

DATE: October 27, 2009

(a) Purpose of Request: Authorize the chairman of the Board of Supervisors to sign a contract with CT Male Associates for an extra work authorization in the amount of \$32,000.00

(b) Details: The increase in the scope of services pertains to the rehabilitation of approximately 2500 linear feet of the Town's existing wastewater collection main by the use of slip-lining technology. See attached proposal
The funds are available in the Warren County Sewer Project (H.9551 66 280)

(c) Previous Resolution Number: 508 of 2003, 647 of 2008 , 744 of 2009

March 1, 2010

Mr. William Lamy, P.E., Superintendent
Warren County Dept. Public Works
4028 Main Street
Warrensburg, NY 12885

Re: *Collection System Upgrade*
Town of Bolton
EPA Project #XP 992256-01-0
CTM Project No. 05.8000

Dear Mr. Lamy:

As requested, C.T. Male Associates, P.C. (C.T. Male) is submitting, herewith, a proposal containing Scope of Services and Fees for rehabilitating approximately 2,500 linear feet of the Town's existing wastewater collection main by use of slip-lining technology. Priority areas were determined, based on the findings of the Severn Trent Report, dated January 25, 2006, which documented the results of inspection of the entire system by closed circuit televising conducted by the firm in November 2005. The mains within the chosen areas were reported to have multiple cracks, separated joints, and excessive root growth, allowing for groundwater infiltration, as well as inhibiting normal maintenance procedures. The proposed areas designated by the Town for rehabilitation are as follows:

- Maple Street - MH 73 to 72 to 71 to 74, MH 71 to 70, and MH 79 to 78 to 74.
- Bolton Road - MH 93 to 92 to 91.
- Norowal Road - MH 89 to 17 to 17A.
- Stewart Avenue - MH 37 to 66.
- Along the Lake - MH 5 to 4 to 3 to 2 to 1 to South Pump Station.

Agreement between the parties dated September 17, 1996, and which contains all terms and conditions of the contract between the parties (hereinafter the "original agreement") is hereby amended to include additional scope of work as described herein below. The work will begin immediately, and termination date of the original agreement is hereby extended to when the project will be completed. All other terms and provisions of the original agreement are to remain in full force and effect.

We propose to provide final design, construction documents, as well as bidding and construction phase services for this project. The Scope of Work and Schedule of Fees is presented as follows:

• Final Design

C.T. Male will review the report completed by Severn Trent to determine the appropriate rehabilitation technology to be utilized for construction. Findings will be reported to the Town for the purpose of prioritizing the work to be undertaken. Upon approval, we will proceed to the development of contracts plans and specifications.

Estimated Total Cost (ETC) \$2,000

• Construction Plans and Contract Documents

C.T. Male will prepare detailed construction plans and specifications for improvements proposed by final design. Copies of completed drawings and contract documents will be submitted to all involved agencies for review and approval.

ETC 6,000

• Bidding Phase Services

C.T. Male will assist the County in bidding the project and will arrange for reproduction of plans and contract documents (cost for printing included in expenses, below), will send documents to construction service agencies, will notify contractors by letter of bidding, respond to contractors' questions, issue addenda if necessary, attend pre-bid meeting, attend bid opening, tabulate bids, investigate low bidders' qualifications, and provide letter of recommendation to the County on award of contracts.

ETC 2,500

• Construction Administration

C. T. Male will provide general project administration and coordination, including attendance at meetings with involved agencies as necessary. Initially, we will facilitate getting contracts executed by all parties and obtaining necessary insurance certificates and authority to begin construction. During the construction period, C.T. Male will:

- Review approval drawings for all equipment and material proposed by the contractors.
- Attend periodic job site meetings.
- Issue monthly progress reports to the Town and County.

- Assist in resolving construction problems and conflicts.
- Process monthly payment requisitions.
- Prepare and review change orders required for the proper execution and progress of the work.
- Prepare appropriate certifications of completion of the work and recommend final payment upon completion of project.

ETC \$7,500

• Construction Inspection

C.T. Male will provide part-time (average 20 hrs. per week) inspection services for construction of the proposed wastewater facilities for two months construction duration. During the on-site observations of the work in progress and field checks of materials and equipment by the on-site inspection personnel, we will endeavor to provide protection for Owner against defects and deficiencies in the work, but the furnishing of such project inspection shall not make C.T. Male responsible for construction means, methods, techniques, sequences or procedures, or for any safety precautions and programs in connection with the work, and shall not be responsible for the contractor's failure to carry out the work in accordance with the construction contracts.

The following inspection services will be provided:

- On-site observation of the work of the contractors to monitor the progress of the work in accordance with general compliance to the terms of the Contract Documents.
- Measure, compute and determine quantities of materials in place and/or work performed; determine the suitability of all materials on site before such are incorporated into the work.
- Keep a daily diary or log book recording contractor staff and hours on the job site, weather conditions, work performed daily, quantities of materials delivered and incorporated into the work, change orders, changed conditions, list of job site visitors, daily activities, decisions, observations, testing, and other such relevant matters necessary.
- Maintain at the job site orderly files and correspondence, reports of job conferences, shop drawings and samples, contract documents including all work-directed changes, addenda, change orders, field orders, additional drawings issued subsequent to the execution of the contract,

engineer clarifications and interpretations of the Contract Documents, progress reports, and other project-related documents.

- Witness testing as required by the contract documents.
- Performance of a pre-final inspection and preparation of a punch list of outstanding construction work items.
- Performance of a final inspection to verify completion of punch list items. Any outstanding work at this time will be summarized in a memo.
- Performance of one follow-up inspection upon completion of all punch list items to determine date of substantial completion and final completion.

ETC \$10,000

• Project Administration Services

CTM will provide administrative services including:

- Preparing submissions to APA for jurisdictional determinations.
- Meeting with USEPA on procedural matters and project approvals.
- Coordinating with, and, as necessary, meeting with local and regional planning boards and agencies.
- Coordinating with Warren County Sewer Agency Administration and Committee.
- Preparing project budget and contract information for the client for submission to the County and to USEPA.
- Providing other miscellaneous administrative-type services as requested by Client.

ETC 2,000

- Expenses

Budget allowance is provided for travel, telephone, fax, UPS and postage, and reproduction of plans and specifications (20 sets).

Budget Allowance \$2,000

ESTIMATED TOTAL COST \$32,000

We are available to start work on this project within 7 days of receiving a notice to proceed. If you need any clarification or amplification of the proposed scope, please contact me at 786.7526.

Respectfully submitted,

C.T. MALE ASSOCIATES, P.C.

Approved by,

Alexandra Rhodes, P.E.
Managing Engineer

Warren County

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REFERRALS - MARCH 2010

WARREN COUNTY SEWER:

- 1) Mr. Lamy to confer with County Attorney to determine whether there is a means available to recover some of the funds expended for additional construction inspection services in connection with the Hague Sewer Project as a result of delays in the directional drilling process. (06.30.09)