

BID PROJECT NO. 0502-12

MONROE COUNTY, NEW YORK

ADDENDUM NO.2

SPECIFICATIONS AND RELATED DOCUMENTS

FOR

**DURAND EASTMAN PARK WATER QUALITY BASIN &
SHERRY SWAMP TRIBUTARY RESTORATION PROJECT**

Capital Improvement Project No. 1182

May 2012



Contract No. 1: General Construction

Prepared By:
Lu Engineers
175 Sullys Trail
Pittsford, New York 14534

Prepared For:
Monroe County Parks Department
171 Reservoir Drive
Rochester, New York 14620

TO ALL BIDDERS:

The following constitutes ADDENDUM NO.2 of the Contract Documents. Each Bidder shall acknowledge receipt of the Addendum on Page P-5 of the Proposal.

Pages ADD2-1 through ADD2-3

Date June 1, 2012

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Pages ADD2-1 through ADD2-3

Date June 1, 2012

TO ALL BIDDERS

Pages ADD2-1 through ADD2-2 constitutes Addendum No.2 to the Contract Documents. This addendum contains changes to the requirements of the Bidding Documents and Construction Drawings which have been issued to date. Such changes are to be incorporated into the Construction Documents and shall apply to the Work with the same meaning and force as if they had been included in the original documents. Wherever this Addendum modified a portion of a paragraph of the Project Manual, or portion of any Drawings, the remainder of the paragraph or Drawing shall remain in force. Make the following changes to the Bidding Documents and the Contract Drawings.

FORM OF PROPOSAL

(2-1) Contract G-1: General Construction: **Remove Allowance** (per Section _____) \$ _____ line

SPECIFICATIONS

(2-2) SECTION 02100 SITE PREPARATION 3.05 CONTRACT CLOSEOUT A. PROVIDE IN ACCORDANCE WITH SECTION 01701: **Disregard reference to Section 01701 and all other Division 1 references throughout these Specifications and related Documents. Refer to “BIDDING REQUIREMENTS”, “CONTRACT FORMS” and “GENERAL CONDITIONS” sections of these Contract Documents, as necessary.**

(2-3) SECTION 02250 RIVERSTONE INFILTRATION AREA, PART 2-PRODUCTS, 2.01 MATERIALS, A. River Stone (Cobbles): 1. Cobbles shall range in size from 4-inches to 12 inches in size. **Revise to: Cobbles shall range in size from 1-inch to 2-inches in size.**

(2-4) SECTION 02250 RIVERSTONE INFILTRATION AREA, PART 3- EXECUTION, C. River Stone (Cobbles) shall be placed as shown on the plans and as directed by the Engineer in a uniform layer to a nominal depth of 12-inches. **Revise to: in a uniform layer of 3- inches.**

(2-5) SECTION 02271 GABIONS, 2.01 MATERIALS, D. Stone Fill: Baskets shall be filled with approved stone of the following sizes: **Revise max. stone size as follows:**

<u>Basket Depth or Height</u>	<u>Min. Stone Size</u>	<u>Max. Stone Size</u>
12- inches	4- inches	8- inches (Revise to 6 – inches)
Greater than 12-inches	4- inches	12- inches (Revise to 6 – inches)

CONTRACT DRAWINGS

(2-6) Add the following **GENERAL NOTES** to Plan Sheet DWG OPN-1:

7. Clearing and Grubbing shall be completed in accordance with the plans and specifications. All cost for Clearing and Grubbing shall be considered incidental and included in the price bid for other Items.

8. Check Dams shall be constructed, maintained and removed in accordance with the plans and specifications. All cost for Check Dams shall be considered incidental and included in the price bid for other Items.

9. Construction Entrance shall be constructed, maintained and removed in accordance with the plans and specifications. All cost for Construction Entrance shall be considered incidental and included in the price bid for other Items.

10. Survey and Stakeout shall be completed in accordance with the project plans and specifications. All cost for Survey and Stakeout shall be considered incidental and included in the price bid for other Items.

TEST BORINGS

(2-7) The following test borings were conducted in the area of the Storm Water Quality Treatment Basin:



2230 Penfield Road
Penfield, New York 14526
Ph 585.377.1450 Fax 585.377.1266
website: luengineers.com

Memorandum

To: Fran Reese
From: Janet Bissi
Date: December 16, 2008; Rev. June 15, 2009
Project: Durand Eastman Park
Lu Project No.: 4219

November 18, 2008, Lu Engineers and Trec Environmental mobilized to the proposed Storm Water Quality Treatment Basin Site at Durand Eastman Park. Three test borings were advanced ten (10) feet below ground surface (bgs) in the proposed Storm Water Quality Treatment Basin Site to access the subsurface conditions (see Figure 1, Site Plan attached).

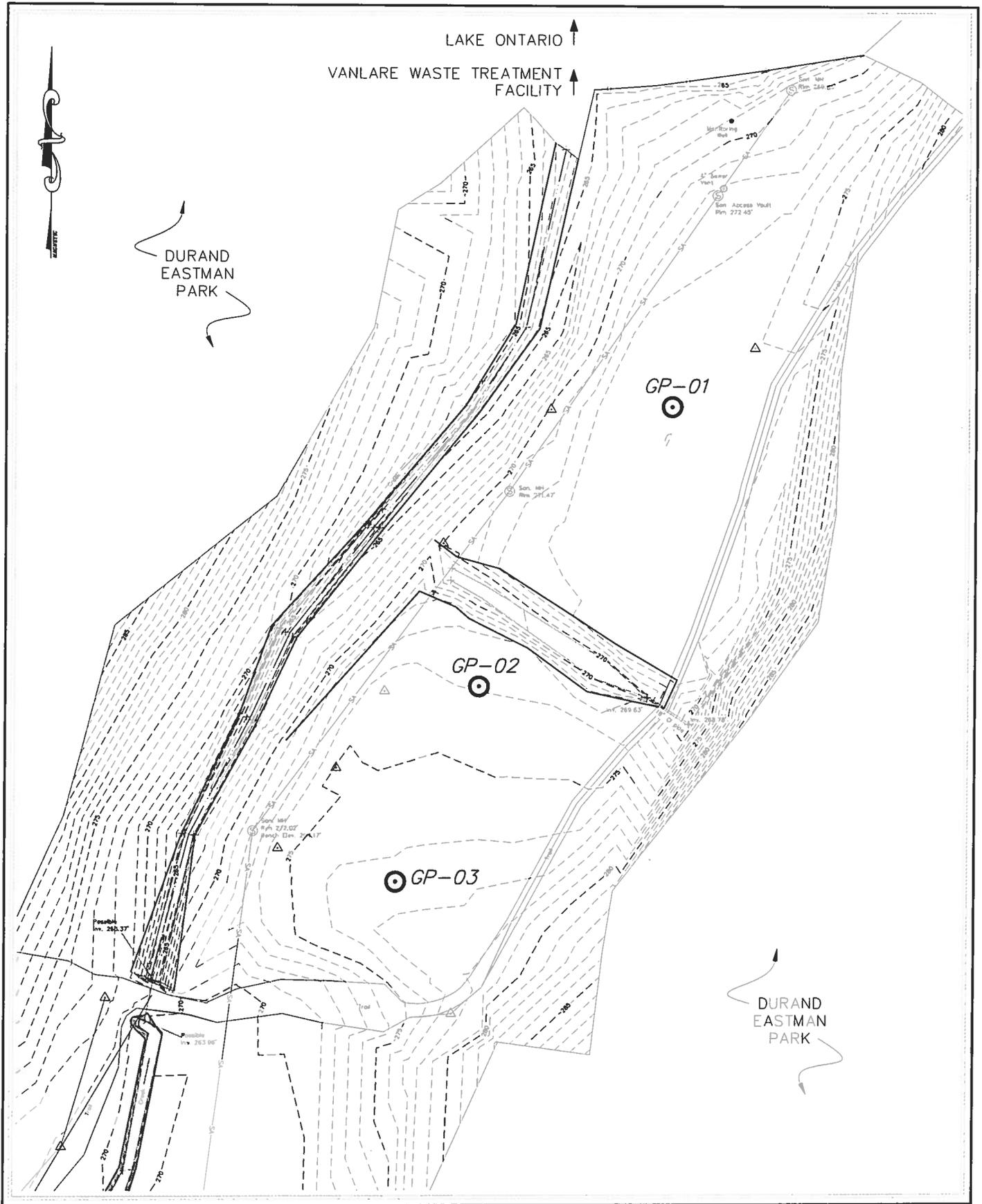
GP-01 was advanced on the northern portion of the Site. Soils consisted of red brown silt and gravel, with some sand and clay. Headspace readings for volatile organic compounds (VOCs) were taken with a photoionization detector (PID) meter. Headspace readings for all soils observed at GP-01 were 0.0 parts per million (ppm).

GP-02 was advanced in the central portion of the Site, south of the wetland creek. Soils consisted of red brown silt and gravel with some sand and clay. Soils encountered at 8.5-10 feet bgs were saturated and consisted of native soil, medium brown sand with some silt and clay. Headspace readings for all soils observed at GP-02 were 0.0 ppm.

GP-03 was advanced in the southern portion of the Site. Soils consisted of red brown silt and sand with little gravel and clay. Headspace readings for all soils observed at GP-02 were 0.0 ppm. Concrete was encountered at approximately 2 feet bgs at GP-03. The soil boring was moved approximately 6 inches to the west.

Soil descriptions can be found on the Test Borings Logs attached.

A saturated lens of soil was encountered between 4 and 5.5 feet in GP-01 and GP-02 suggests hill side seepage. Groundwater was encountered at approximately 8 feet bgs. The subsurface soils consisted primarily of silt and sand. Typical bulk density of sandy soil is between 1.5 and 1.7 grams per cubic centimeter (g/cm^3). This calculates to a porosity rating between 36-43%.



Lu Engineers

FIGURE 1.
SAMPLE PLAN
DURAND EASTMAN PARK
STORMWATER RETENTION POND SITE
ROCHESTER, NEW YORK

DATE:	DECEMBER 2008
SCALE:	1" = 100'
DESIGNED BY:	JB
DRAWN BY:	DS

Attachment 1
Test Borings Logs



Lu Engineers 2230 PENFIELD ROAD
PENFIELD, NEW YORK 14526

PROJECT

Durand Eastman Park
Pinegroove Avenue
City of Rochester, New York

BORING GP-03

SHEET 1 OF 1

JOB #: 4219

CHKD. BY: N/A

CONTRACTOR: TREC

DRILLER: Jim and Bob

JCL GEOLOGIST: GLA

BORING LOCATION: SEE PLAN

GROUND SURFACE ELEVATION: N/A

DATUM: N/A

START DATE: 11/18/08

END DATE: 11/18/08

TYPE OF DRILL RIG: Geoprobe

CASING SIZE AND TYPE:

OVERBURDEN SAMPLING METHOD:

ROCK DRILLING METHOD:

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DATA					SAMPLE DESCRIPTION	PID
	BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (%)		
1						Red brown SILT and cmf SAND, little cmf gravel, little clay, dry, medium firm	
2							
3							
4						Red brown SILT and cmf SAND, some cmf gravel, little clay	
5							
6							
7							
8						Wet at 7.5 feet Red brown SILT and cmf SAND, some cmf gravel, some clay, wet	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

LEGEND

- S- SPLIT SPOON SOIL SAMPLE
- U- UNDISTURBED SOIL SAMPLE
- C- ROCK CORE SAMPLE

Notes: encountered concrete at approximately 1-2 feet; move boring approximately 6 inches west; no PID readings taken in the field

GENERAL NOTES:

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES. TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED. FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

BORING # GP-03

CONTRACTOR: TREC
DRILLER: Jim and Bob
JCL GEOLOGIST: GLA

BORING LOCATION: SEE PLAN
GROUND SURFACE ELEVATION: N/A **DATUM:** N/A
START DATE: 11/18/08 **END DATE:** 11/18/08

TYPE OF DRILL RIG: Geoprobe
CASING SIZE AND TYPE:
OVERBURDEN SAMPLING METHOD:
ROCK DRILLING METHOD:

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DATA					SAMPLE DESCRIPTION	PID
	BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (%)		
1						Red brown SILT and cmf GRAVEL, some cmf sand, some clay, dry, medium firm	
2							
3							
4				80%			
5						Similar soil Wet, saturated 4-5.5 feet Dry 5.5-7 feet	
6							
7							
8						Similar soil to 8.5 feet Medium brown f SAND, some silt, trace clay, saturated	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

LEGEND
S- SPLIT SPOON SOIL SAMPLE
U- UNDISTURBED SOIL SAMPLE
C- ROCK CORE SAMPLE

Notes: PID readings were not taken in the field.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

Lu Engineers 2230 PENFIELD ROAD
PENFIELD, NEW YORK 14526

PROJECT Durand Eastman Park Pinegroove Avenue City of Rochester, New York	BORING GP-01 SHEET 1 OF 1 JOB #: 4219 CHKD. BY: N/A
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CONTRACTOR: TREC
 DRILLER: Jim and Bob
 JCL GEOLOGIST: GLA
 BORING LOCATION: SEE PLAN
 GROUND SURFACE ELEVATION: N/A DATUM: N/A
 START DATE: 11/18/08 END DATE: 11/18/08

TYPE OF DRILL RIG: Geoprobe CASING SIZE AND TYPE: OVERBURDEN SAMPLING METHOD: ROCK DRILLING METHOD:	WATER LEVEL DATA				
	DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE DATA					SAMPLE DESCRIPTION	PID
	BLOW /6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (%)		
1						Red brown SILT and cmf GRAVEL, some cmf sand, little clay, dry, loose	
2							
3							
4				80%			
5						Similar soil Saturated from 4-5 feet Moist from 5-7 feet	
6							
7						More moist from 7-8 feet	
8						Medium brown red SILT and cmf SAND, some cmf gravel, some clay, saturated	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

LEGEND
 S- SPLIT SPOON SOIL SAMPLE
 U- UNDISTURBED SOIL SAMPLE
 C- ROCK CORE SAMPLE

Notes: PID readings were not taken in the field.

GENERAL NOTES:
 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE